

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102124\
 Data File : VU061174.D
 Acq On : 21 Oct 2024 16:06
 Operator : MD/SY
 Sample : P4368-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Oct 22 01:38:42 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	25103	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	12687	0.951	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	12510	0.952	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.384	85	5265	0.381	ug/l	100
3) Chloromethane	1.515	50	5687	0.432	ug/l	98
4) Vinyl Chloride	1.599	62	5312	0.393	ug/l	94
5) Bromomethane	1.853	94	3430	0.404	ug/l	98
6) Chloroethane	1.930	64	3785	0.418	ug/l	100
7) Trichlorofluoromethane	2.136	101	7081	0.368	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	3725	0.390	ug/l	99
9) 1,1-Dichloroethene	2.576	96	4099	0.412	ug/l	82
10) Iodomethane	2.715	142	4079	0.344	ug/l	99
11) Allyl Chloride	2.920	41	4929	0.384	ug/l	97
12) Acrylonitrile	3.361	53	1264m	0.631	ug/l	
13) Acetone	2.644	43	5611	2.148	ug/l	95
14) Carbon Disulfide	2.789	76	12937	0.377	ug/l	97
15) Methylene Chloride	3.043	84	5363	0.416	ug/l	92
16) trans-1,2-Dichloroethene	3.351	96	4496	0.385	ug/l	94
17) 1,1-Dichloroethane	3.859	63	7855	0.379	ug/l	96
18) 2-Butanone	4.744	43	6707m	2.097	ug/l	
19) Cyclohexane	5.377	56	6899m	0.372	ug/l	
20) Methylcyclohexane	6.753	83	7084	0.342	ug/l	96
21) 2,2-Dichloropropane	4.657	77	7242	0.379	ug/l	98
22) cis-1,2-Dichloroethene	4.666	96	4920	0.387	ug/l	95
23) Diethyl Ether	2.374	59	2918	0.377	ug/l	# 89
24) tert-Butyl Alcohol	3.232	59	3123m	3.867	ug/l	
25) Methyl tert-Butyl Ether	3.361	73	9768	0.366	ug/l	96
26) Bromochloromethane	4.975	128	1948	0.366	ug/l	95
27) Chloroform	5.081	83	8823	0.406	ug/l	95
28) 1,1,1-Trichloroethane	5.306	97	7244	0.378	ug/l	98
29) 1,1-Dichloropropene	5.525	75	6250	0.369	ug/l	96
30) Carbon Tetrachloride	5.515	117	6201	0.373	ug/l	93
31) Isopropyl Ether	3.985	45	10767	0.364	ug/l	98
32) Ethyl-t-butyl ether	4.493	59	11926	0.393	ug/l	95
33) Tert-Amyl methyl ether	5.933	73	10471	0.383	ug/l	97
34) Propionitrile	4.834	54	884m	1.158	ug/l	
35) Benzene	5.772	78	19402	0.407	ug/l	100
36) 1,2-Dichloroethane	5.795	62	5107	0.380	ug/l	# 92
37) Trichloroethene	6.541	130	4993	0.393	ug/l	98
38) 1,2-Dichloropropane	6.788	63	4870	0.404	ug/l	97
39) Methacrylonitrile	5.001	41	837m	0.305	ug/l	
40) Methyl acrylate	4.904	55	1745m	0.313	ug/l	
41) Tetrahydrofuran	5.075	42	1262m	0.764	ug/l	
42) 1-Chlorobutane	5.451	56	7897	0.364	ug/l	95
43) Dibromomethane	6.917	93	2441	0.390	ug/l	# 82
44) Bromodichloromethane	7.100	83	5911	0.388	ug/l	# 98

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 MDL-WATER-03-QT4-2024

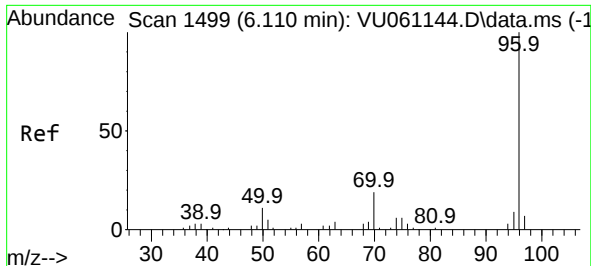
Quant Time: Oct 22 01:38:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101724DW.M
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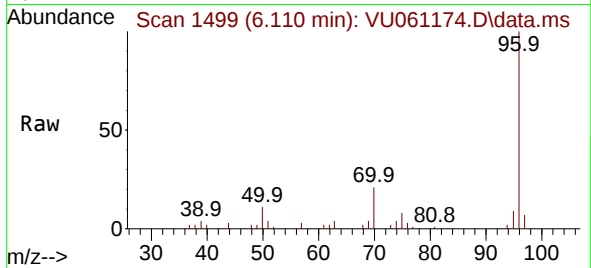
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.792	43	11475	1.827	ug/l	95
46) t-1,4-Dichloro-2-butene	10.843	75	1596m	0.637	ug/l	
47) Methyl methacrylate	6.965	69	3747	0.689	ug/l	93
48) Ethyl methacrylate	8.338	69	3774	0.325	ug/l	94
49) Toluene	7.968	92	11154	0.371	ug/l	88
50) t-1,3-Dichloropropene	8.210	75	5257	0.358	ug/l	100
51) cis-1,3-Dichloropropene	7.608	75	6597	0.366	ug/l	95
52) 1,1,2-Trichloroethane	8.393	97	3361	0.398	ug/l	97
53) 1,3-Dichloropropane	8.570	76	5768	0.389	ug/l	100
54) 2-Hexanone	8.692	43	7762	1.504	ug/l	94
55) Dibromochloromethane	8.801	129	3557	0.357	ug/l	98
56) 1,2-Dibromoethane	8.923	107	2784	0.344	ug/l	88
58) Tetrachloroethene	8.547	164	4140	0.384	ug/l	97
59) Chlorobenzene	9.444	112	12683	0.391	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.528	131	4188	0.383	ug/l	97
61) Pentachloroethane	11.415	117	3193	0.381	ug/l	93
62) Hexachloroethane	12.467	117	2892	0.335	ug/l	93
63) Ethyl Benzene	9.566	91	22235	0.383	ug/l	98
64) m/p-Xylenes	9.689	106	16275	0.736	ug/l	99
65) o-Xylene	10.094	106	8244	0.379	ug/l	98
66) Styrene	10.116	104	12374	0.365	ug/l	99
67) Bromoform	10.283	173	1779	0.341	ug/l #	97
69) Isopropylbenzene	10.480	105	18454	0.356	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.772	83	3755	0.366	ug/l #	92
71) 1,2,3-Trichloropropane	10.817	75	3549m	0.425	ug/l	
72) Bromobenzene	10.782	156	4688	0.376	ug/l	88
73) n-propylbenzene	10.901	120	5133	0.340	ug/l	97
74) 2-Chlorotoluene	10.981	126	4503	0.344	ug/l	97
75) 1,3,5-Trimethylbenzene	11.081	105	16704	0.358	ug/l	100
76) 4-Chlorotoluene	11.097	126	4534	0.341	ug/l	86
77) tert-Butylbenzene	11.412	119	16972	0.368	ug/l	98
78) 1,2,4-Trimethylbenzene	11.464	105	15897	0.337	ug/l	98
79) sec-Butylbenzene	11.637	105	20490	0.341	ug/l	99
81) p-Isopropyltoluene	11.785	119	16642	0.334	ug/l	100
82) 1,3-Dichlorobenzene	11.746	146	8463	0.354	ug/l	98
83) 1,4-Dichlorobenzene	11.836	146	8664	0.364	ug/l	97
84) n-Butylbenzene	12.206	91	14353	0.311	ug/l	97
85) 1,2-Dichlorobenzene	12.209	146	8328	0.373	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	13.004	75	509	0.335	ug/l	93
87) 1,2,4-Trichlorobenzene	13.843	180	4114	0.322	ug/l	97
88) Hexachlorobutadiene	14.013	225	2453	0.339	ug/l	98
89) Naphthalene	14.097	128	7165	0.318	ug/l #	85
90) 1,2,3-Trichlorobenzene	14.328	180	3878	0.338	ug/l	93

(#) = 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: VU061174.D
Acq: 21 Oct 2024 16:06

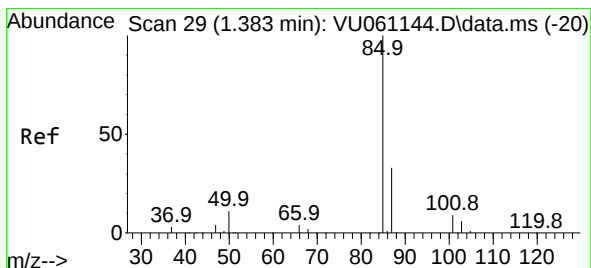
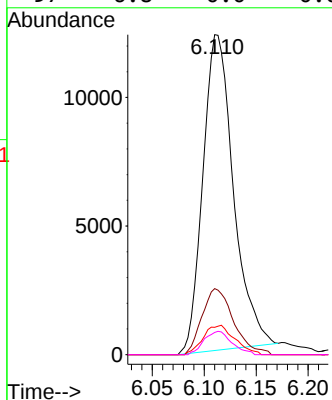
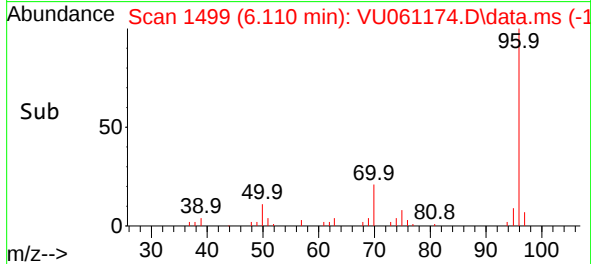
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion	Ratio	Lower	Upper
96	100		
70	21.6	16.1	24.1
95	9.6	0.0	0.0
97	6.8	0.0	0.0

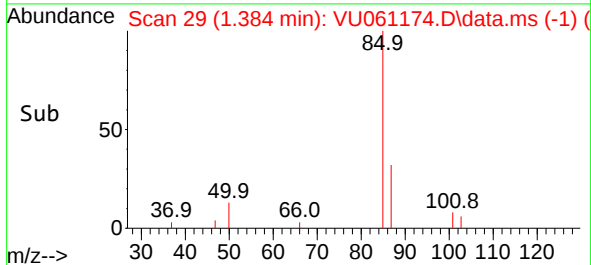
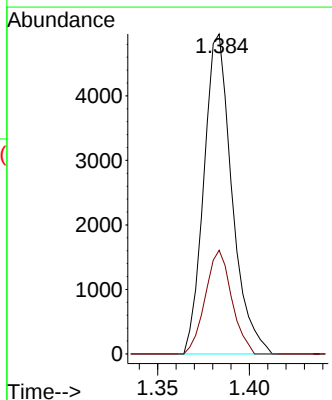
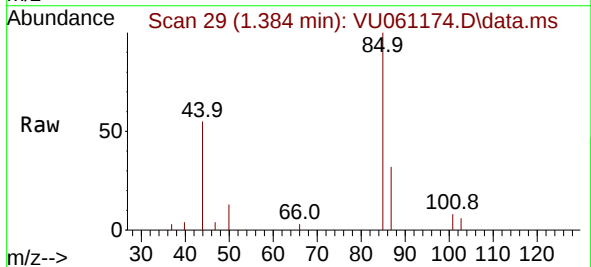
Manual Integrations
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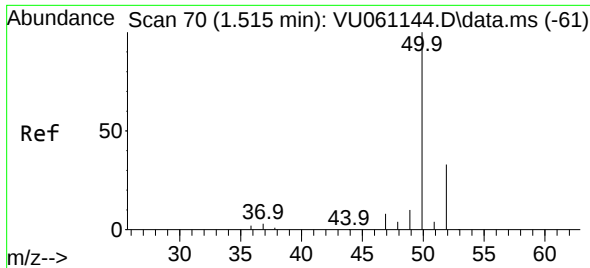
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#2
Dichlorodifluoromethane
Concen: 0.381 ug/l
RT: 1.384 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

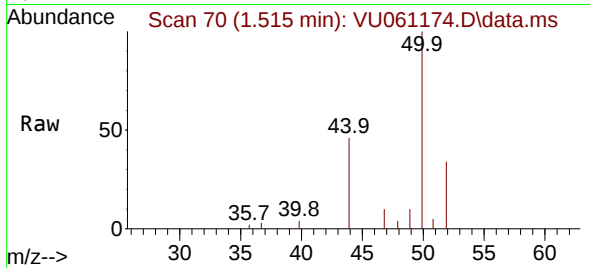
Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.4	16.3	48.9





#3
Chloromethane
Concen: 0.432 ug/l
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

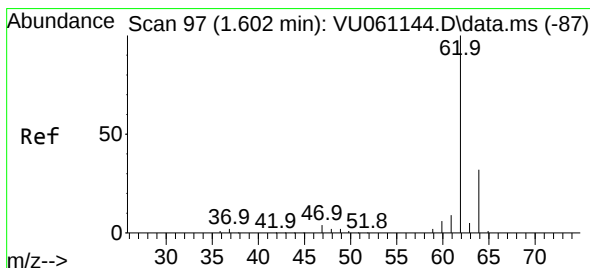
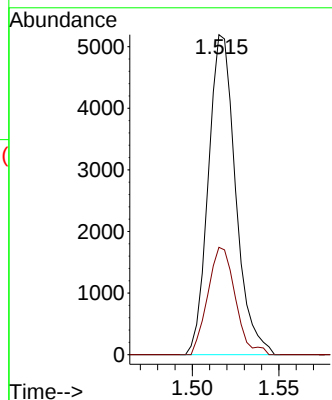
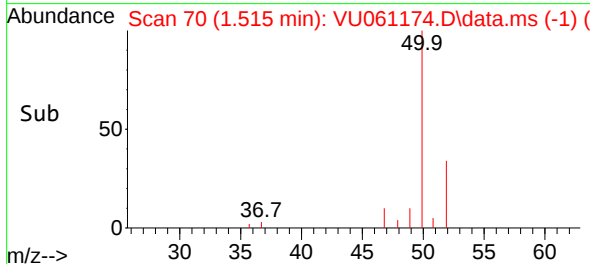
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 50 Resp: 568
Ion Ratio Lower Upper
50 100
52 33.6 26.2 39.2

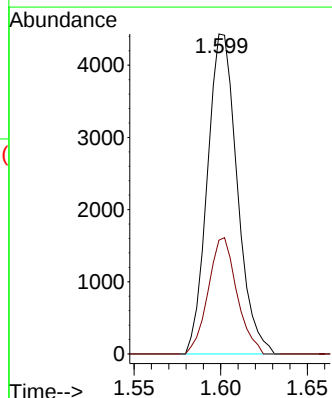
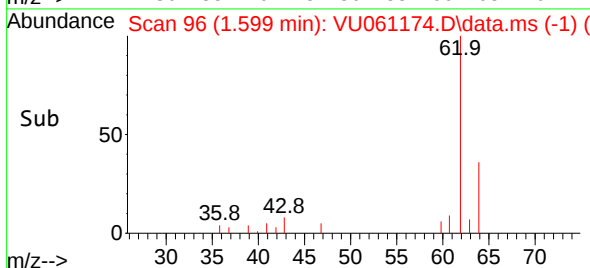
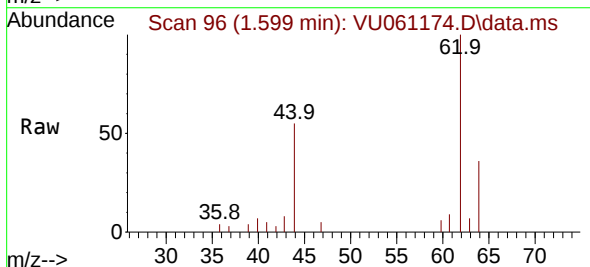
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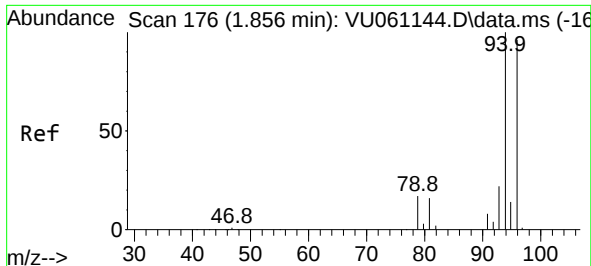
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#4
Vinyl Chloride
Concen: 0.393 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.003 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

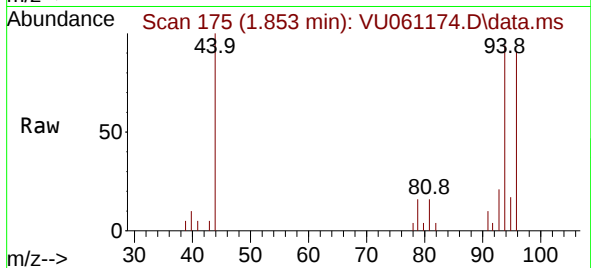
Tgt Ion: 62 Resp: 5312
Ion Ratio Lower Upper
62 100
64 35.6 25.9 38.9





#5
Bromomethane
Concen: 0.404 ug/l
RT: 1.853 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

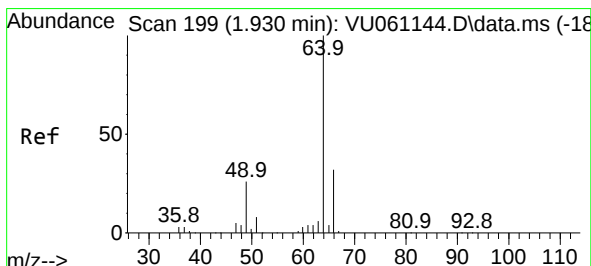
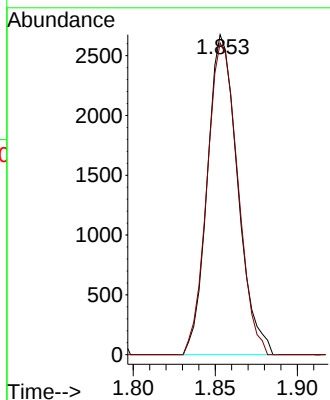
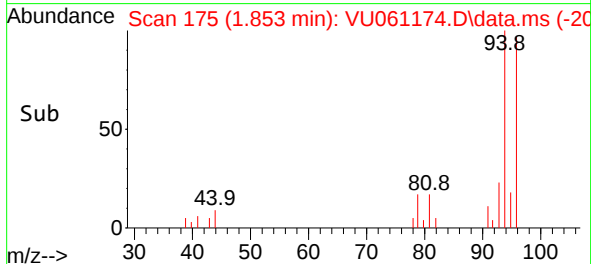
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 94 Resp: 3430
Ion Ratio Lower Upper
94 100
96 97.4 76.5 114.7

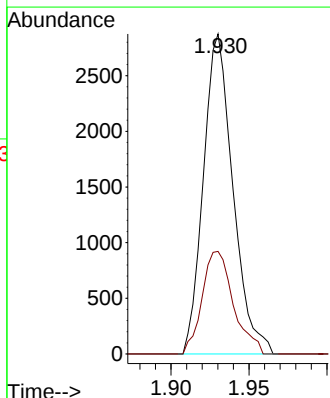
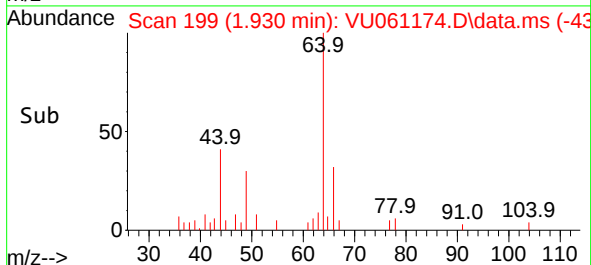
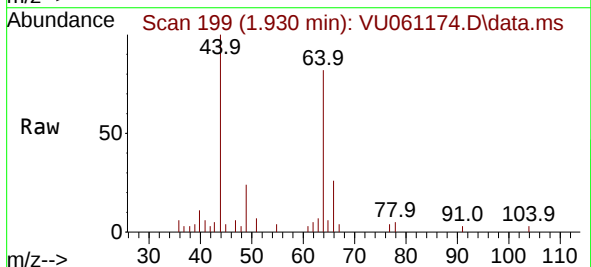
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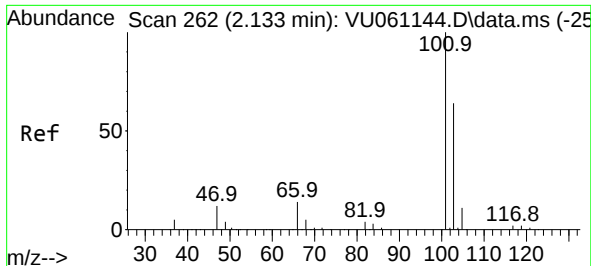
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#6
Chloroethane
Concen: 0.418 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

Tgt Ion: 64 Resp: 3785
Ion Ratio Lower Upper
64 100
66 32.0 25.8 38.8





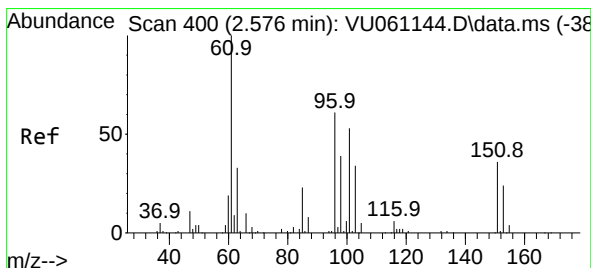
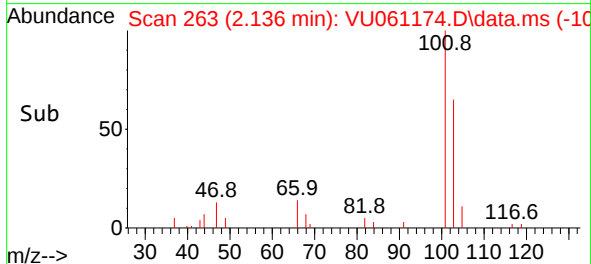
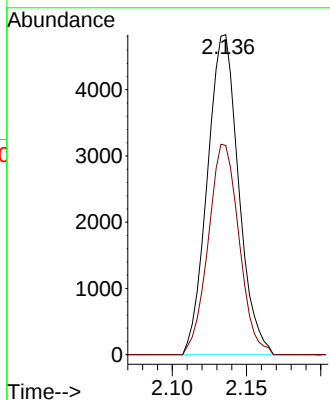
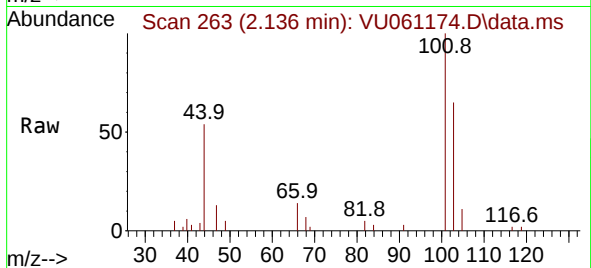
#7
Trichlorofluoromethane
Concen: 0.368 ug/l
RT: 2.136 min Scan# 210
Delta R.T. 0.003 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

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

Tgt Ion:101 Resp: 708
Ion Ratio Lower Upper
101 100
103 65.4 51.5 77.3

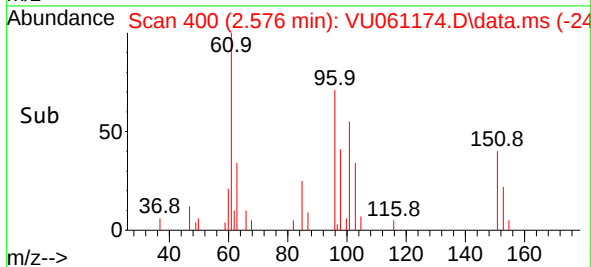
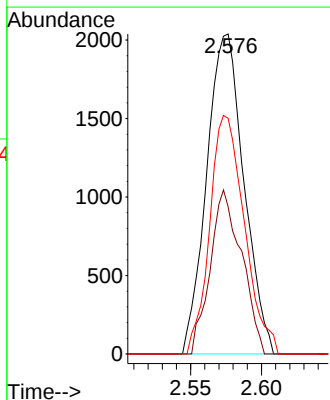
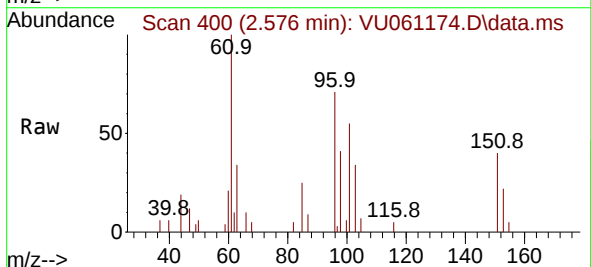
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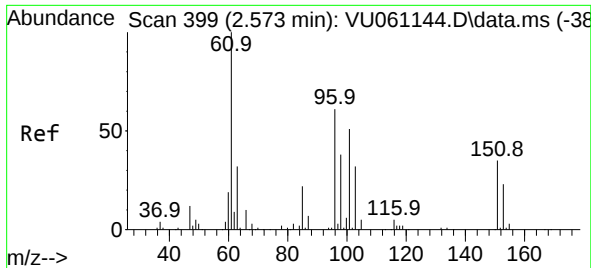
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.390 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

Tgt Ion:101 Resp: 3725
Ion Ratio Lower Upper
101 100
85 43.2 35.8 53.8
151 69.6 56.2 84.4





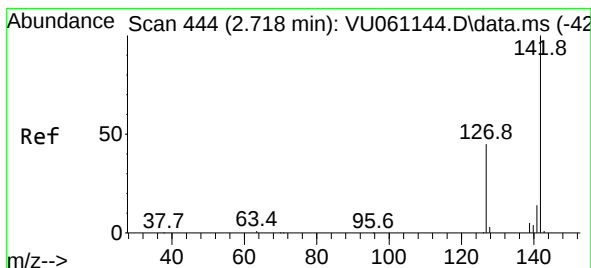
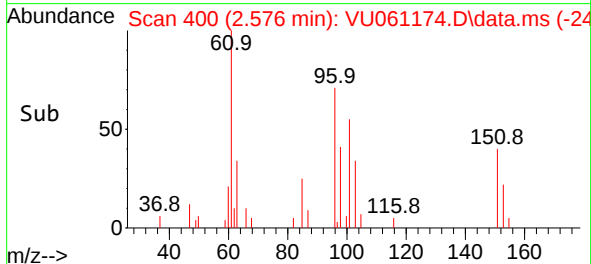
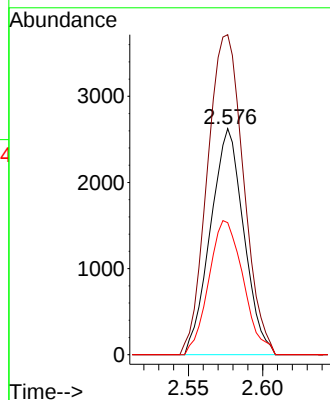
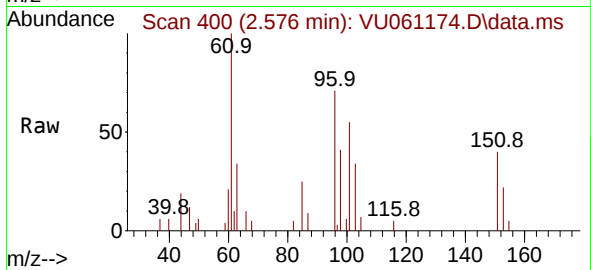
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1,1-Dichloroethene
Concen: 0.412 ug/l
RT: 2.576 min Scan# 409
Delta R.T. 0.003 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

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

Tgt Ion: 96 Resp: 4099
Ion Ratio Lower Upper
96 100
61 135.5 0.0 494.4
98 55.9 0.0 124.4

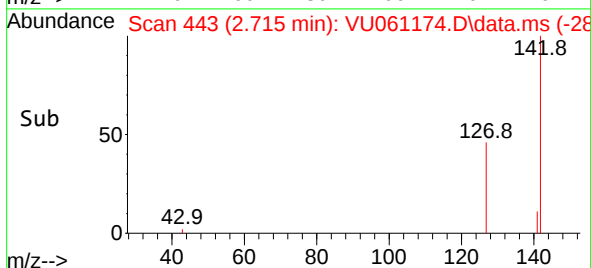
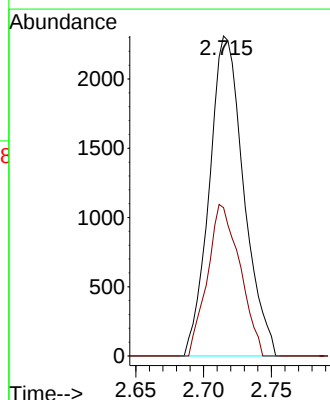
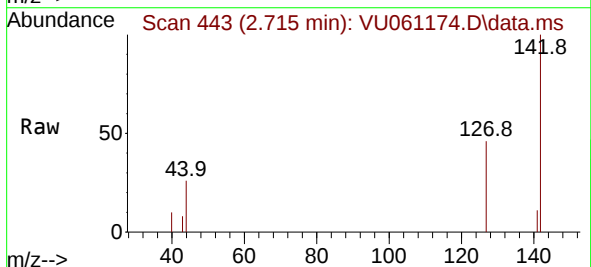
Manual Integrations
APPROVED

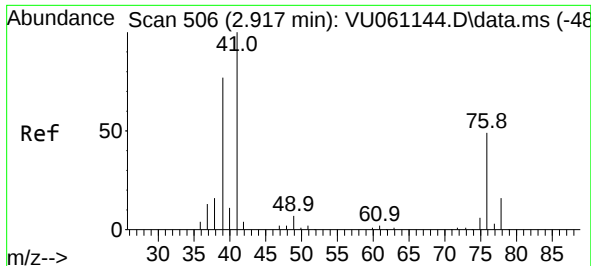
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#10
Iodomethane
Concen: 0.344 ug/l
RT: 2.715 min Scan# 443
Delta R.T. -0.003 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

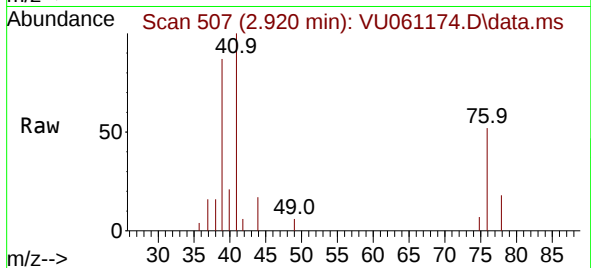
Tgt Ion:142 Resp: 4079
Ion Ratio Lower Upper
142 100
127 44.6 36.2 54.4





#11
 Allyl Chloride
 Concen: 0.384 ug/l
 RT: 2.920 min Scan# 506
 Delta R.T. 0.003 min
 Lab File: VU061174.D
 Acq: 21 Oct 2024 16:06

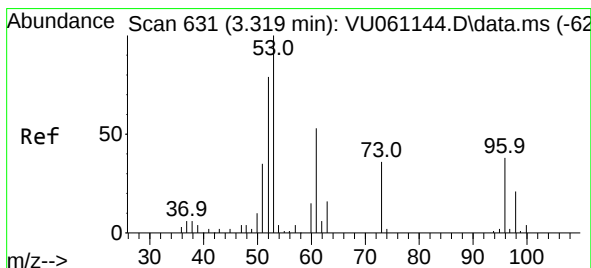
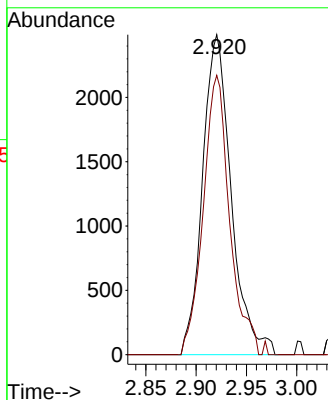
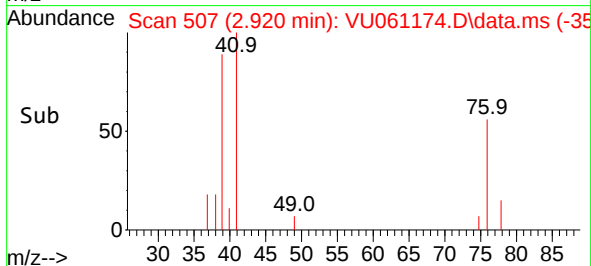
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT4-2024



Tgt Ion: 41 Resp: 4929
 Ion Ratio Lower Upper
 41 100
 39 80.4 62.4 93.6

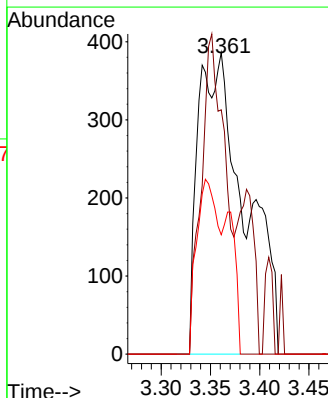
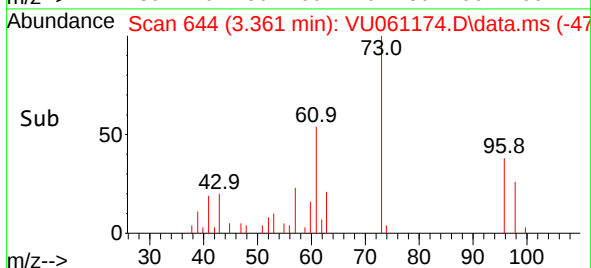
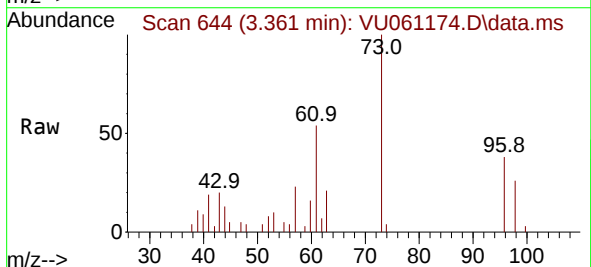
Manual Integrations
 APPROVED

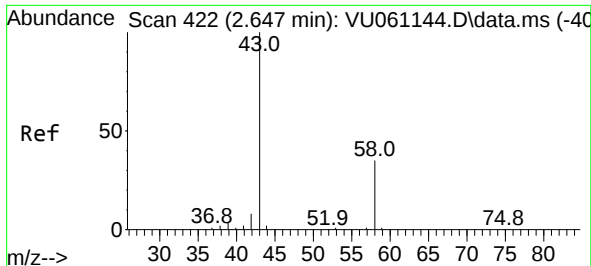
Reviewed By :Mahesh Dadoda 10/25/2024
 Supervised By :Semsettin Yesilyurt 10/25/2024



#12
 Acrylonitrile
 Concen: 0.631 ug/l m
 RT: 3.361 min Scan# 644
 Delta R.T. 0.042 min
 Lab File: VU061174.D
 Acq: 21 Oct 2024 16:06

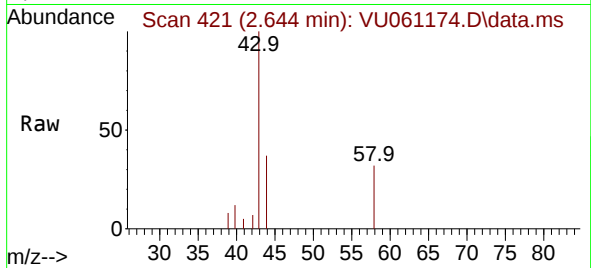
Tgt Ion: 53 Resp: 1264
 Ion Ratio Lower Upper
 53 100
 52 54.3 62.6 94.0#
 51 27.1 30.7 46.1#





#13
Acetone
Concen: 2.148 ug/l
RT: 2.644 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

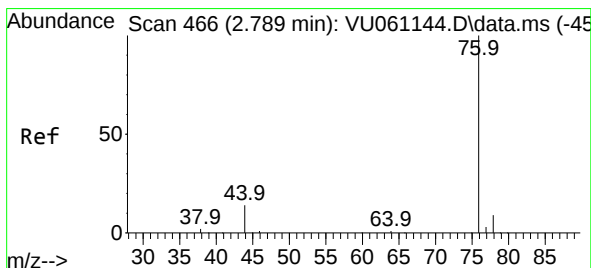
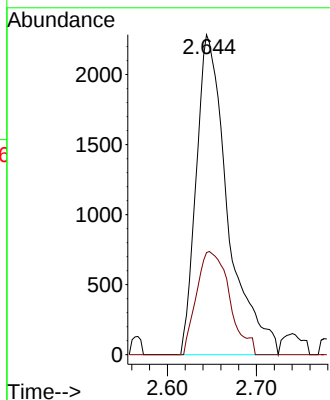
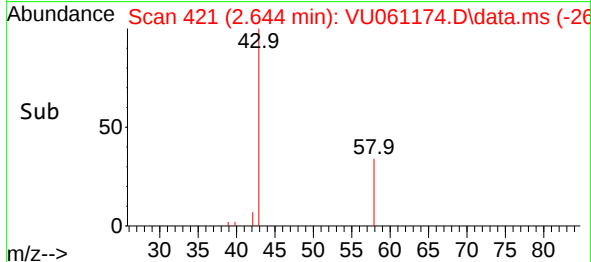
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 43 Resp: 561
Ion Ratio Lower Upper
43 100
58 31.9 27.9 41.9

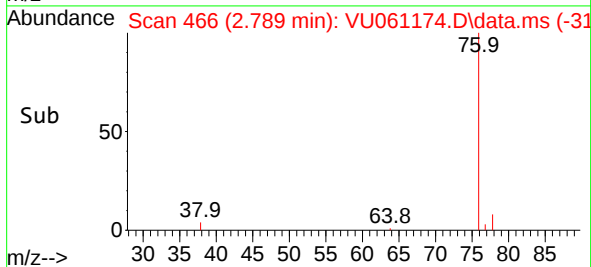
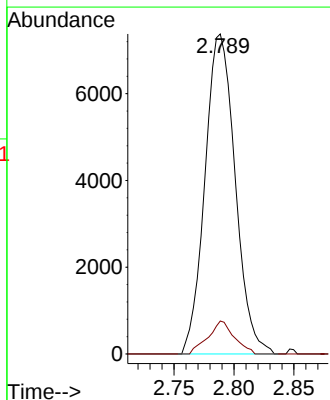
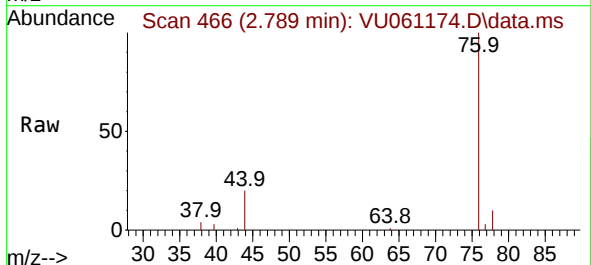
Manual Integrations
APPROVED

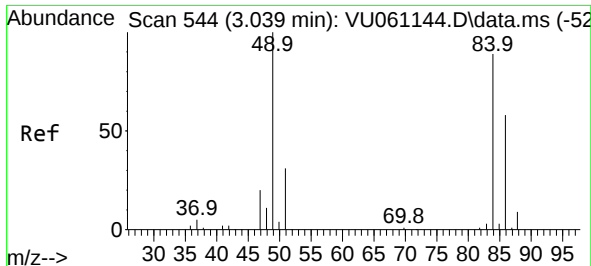
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#14
Carbon Disulfide
Concen: 0.377 ug/l
RT: 2.789 min Scan# 466
Delta R.T. 0.000 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

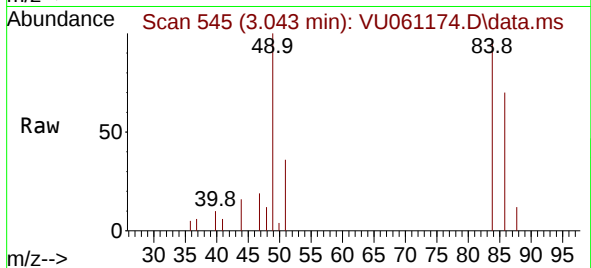
Tgt Ion: 76 Resp: 12937
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.0





#15
Methylene Chloride
Concen: 0.416 ug/l
RT: 3.043 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

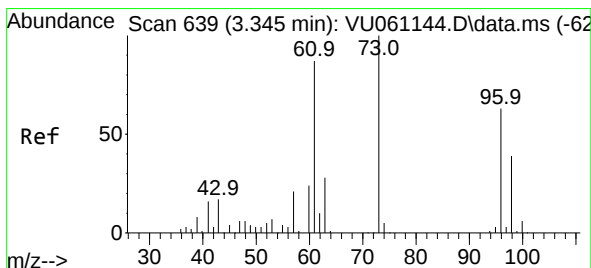
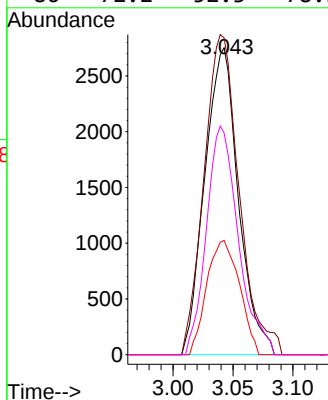
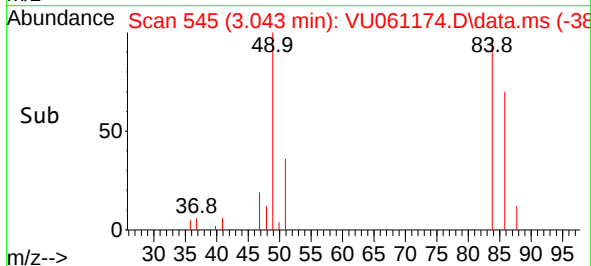
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 84 Resp: 536
Ion Ratio Lower Upper
84 100
49 103.2 90.4 135.6
51 37.2 0.0 70.6
86 72.2 52.3 78.5

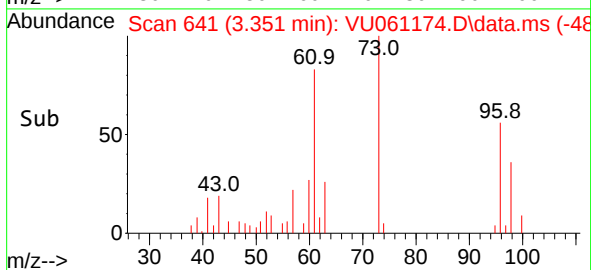
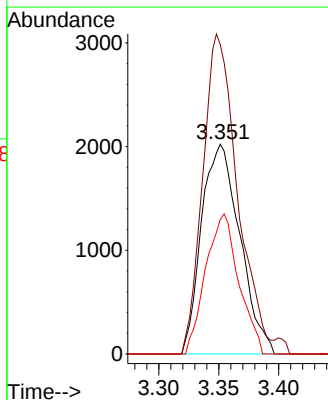
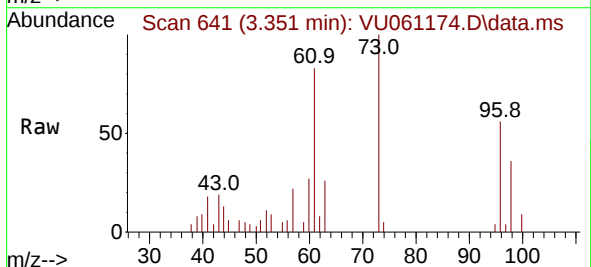
Manual Integrations
APPROVED

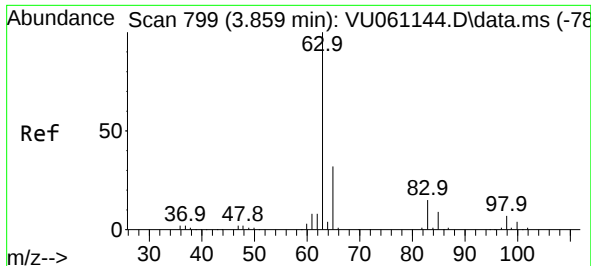
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#16
trans-1,2-Dichloroethene
Concen: 0.385 ug/l
RT: 3.351 min Scan# 641
Delta R.T. 0.006 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

Tgt Ion: 96 Resp: 4496
Ion Ratio Lower Upper
96 100
61 147.5 110.6 166.0
98 64.1 49.8 74.8





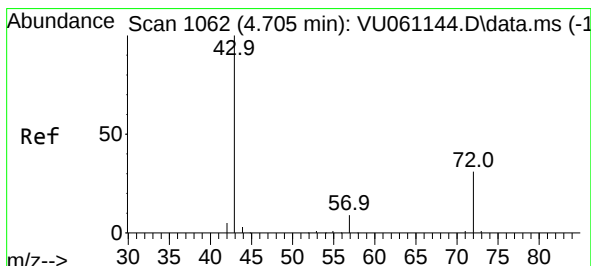
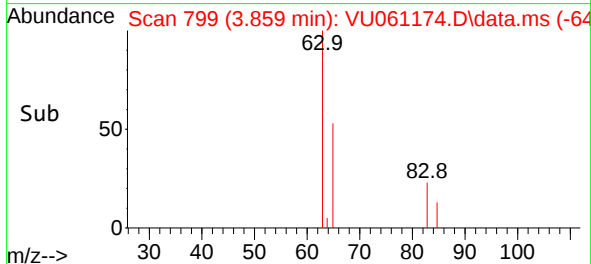
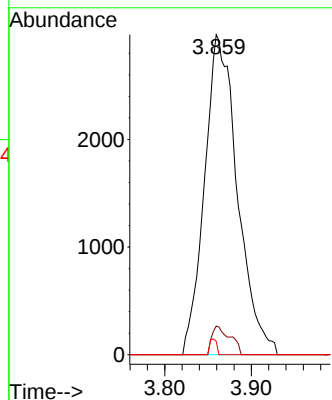
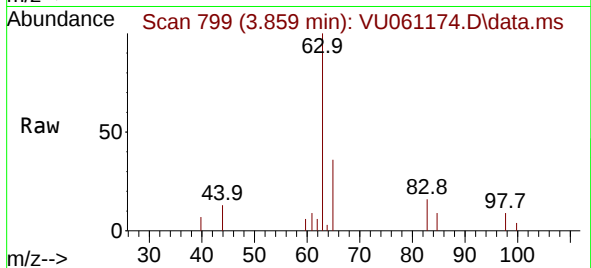
#17
 1,1-Dichloroethane
 Concen: 0.379 ug/l
 RT: 3.859 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VU061174.D
 Acq: 21 Oct 2024 16:06

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

Tgt Ion: 63 Resp: 785
 Ion Ratio Lower Upper
 63 100
 98 9.0 3.3 9.8
 100 4.2 2.1 6.5

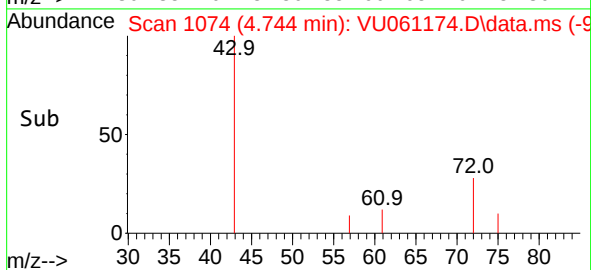
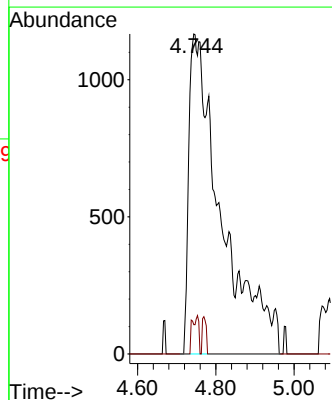
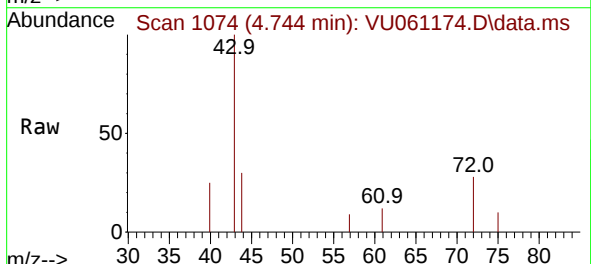
Manual Integrations
 APPROVED

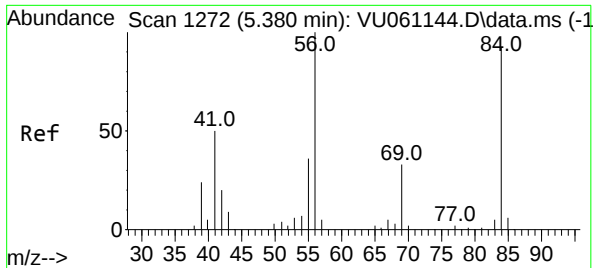
Reviewed By :Mahesh Dadoda 10/25/2024
 Supervised By :Semsettin Yesilyurt 10/25/2024



#18
 2-Butanone
 Concen: 2.097 ug/l m
 RT: 4.744 min Scan# 1074
 Delta R.T. 0.039 min
 Lab File: VU061174.D
 Acq: 21 Oct 2024 16:06

Tgt Ion: 43 Resp: 6707
 Ion Ratio Lower Upper
 43 100
 57 9.2 0.0 19.0





#19

Cyclohexane

Concen: 0.372 ug/l m

RT: 5.377 min Scan# 1698

Delta R.T. -0.003 min

Lab File: VU061174.D

Acq: 21 Oct 2024 16:06

Instrument :

MSVOA_U

ClientSampleId :

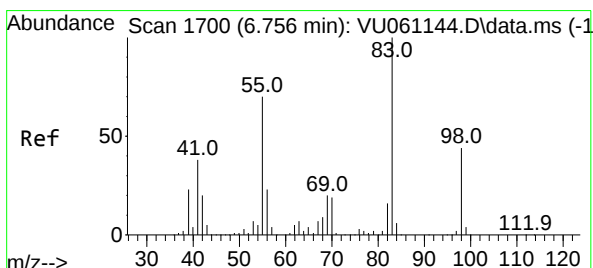
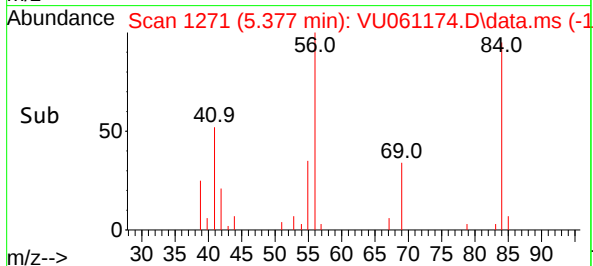
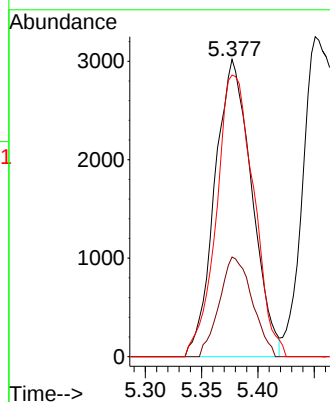
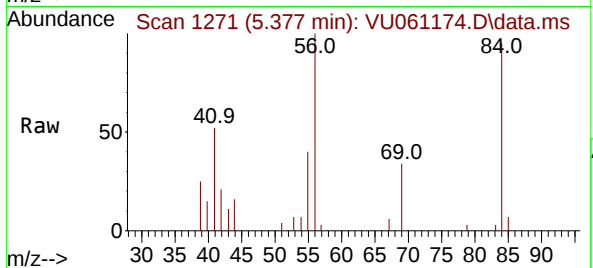
MDL-WATER-03-QT4-2024

Tgt Ion:	56	Resp:	689
Ion Ratio	Lower	Upper	
56	100		
69	29.8	26.2	39.4
84	95.5	72.7	109.1

Manual Integrations

APPROVED

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



#20

Methylcyclohexane

Concen: 0.342 ug/l

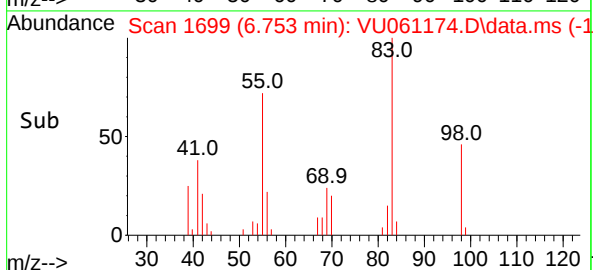
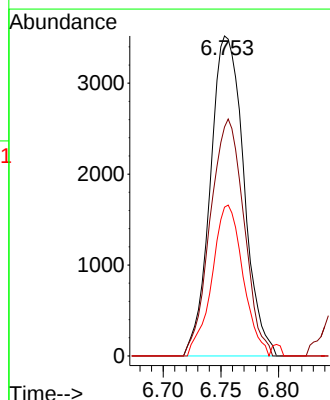
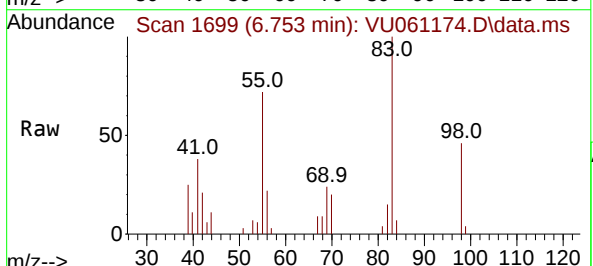
RT: 6.753 min Scan# 1699

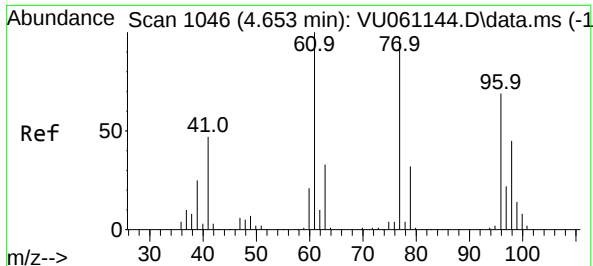
Delta R.T. -0.003 min

Lab File: VU061174.D

Acq: 21 Oct 2024 16:06

Tgt Ion:	83	Resp:	7084
Ion Ratio	Lower	Upper	
83	100		
55	74.6	55.5	83.3
98	43.8	35.8	53.6





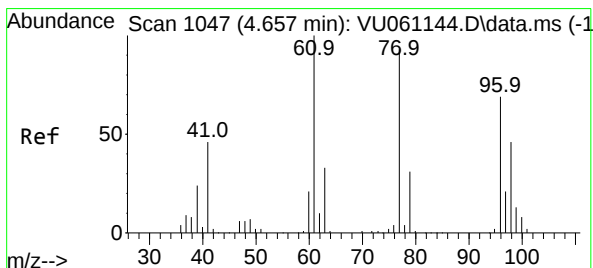
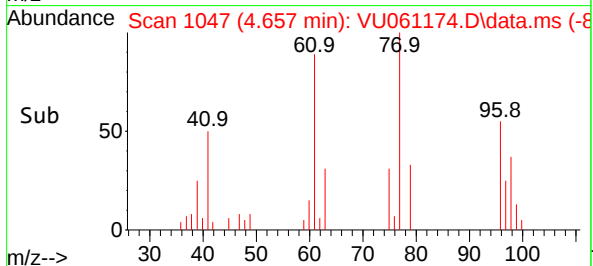
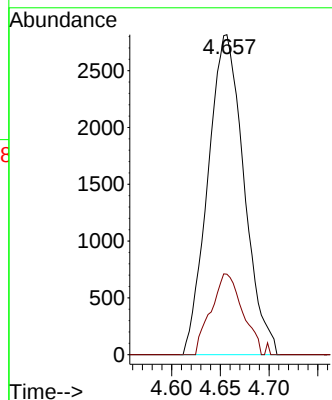
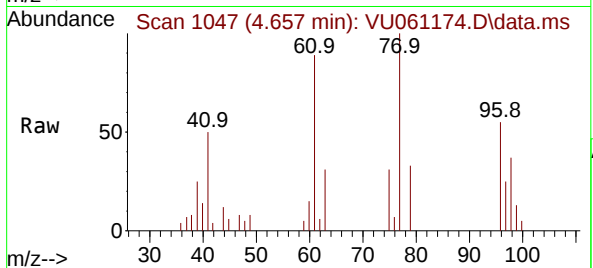
#21
2,2-Dichloropropane
Concen: 0.379 ug/l
RT: 4.657 min Scan# 1046
Delta R.T. 0.003 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

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

Tgt Ion: 77 Resp: 724
Ion Ratio Lower Upper
77 100
97 22.0 18.3 27.5

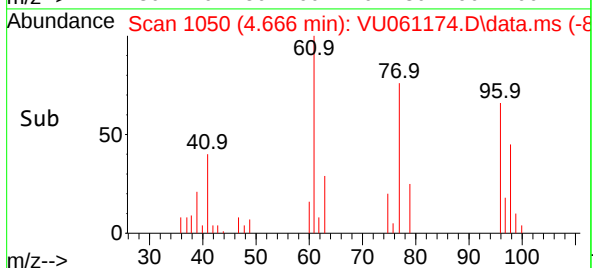
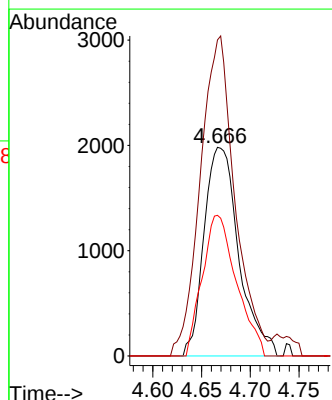
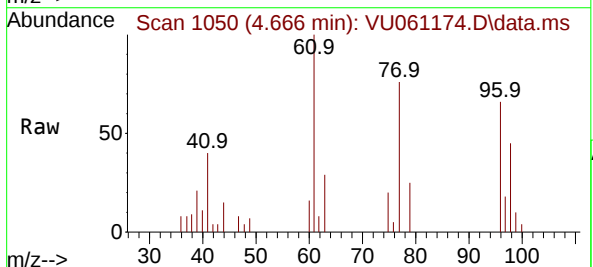
Manual Integrations
APPROVED

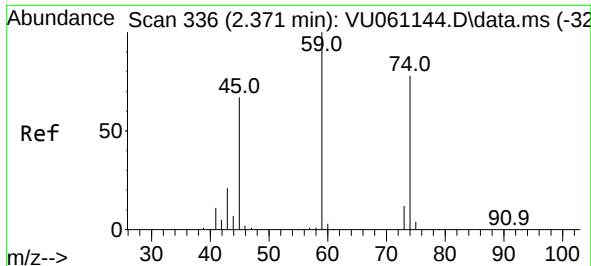
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#22
cis-1,2-Dichloroethene
Concen: 0.387 ug/l
RT: 4.666 min Scan# 1050
Delta R.T. 0.010 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

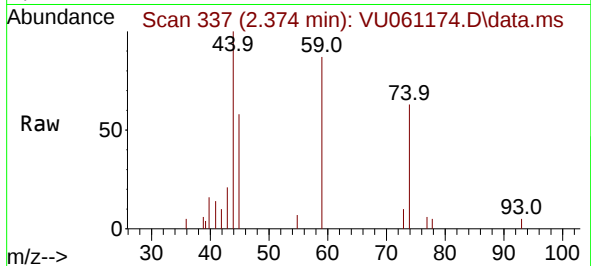
Tgt Ion: 96 Resp: 4920
Ion Ratio Lower Upper
96 100
61 152.6 0.0 364.8
98 66.4 32.1 96.3





#23
Diethyl Ether
Concen: 0.377 ug/l
RT: 2.374 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

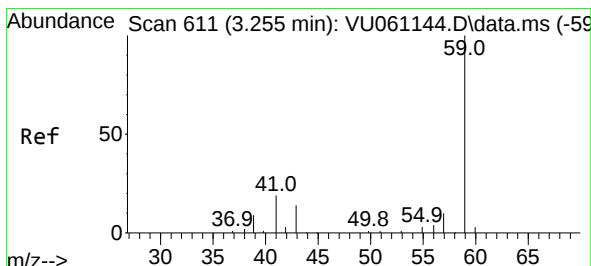
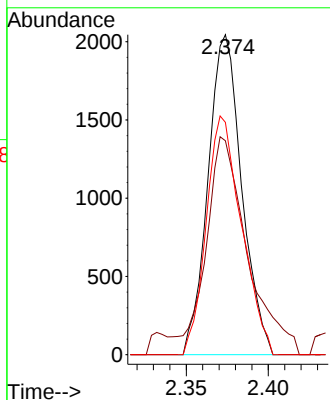
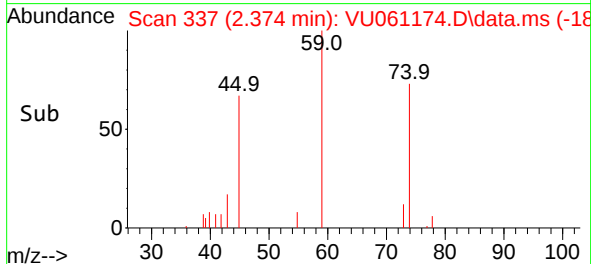
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 59 Resp: 2918
Ion Ratio Lower Upper
59 100
45 82.8 52.0 78.0
74 78.1 62.2 93.2

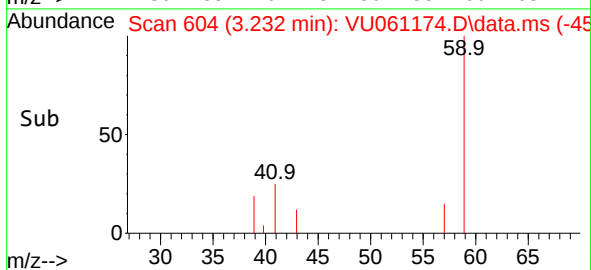
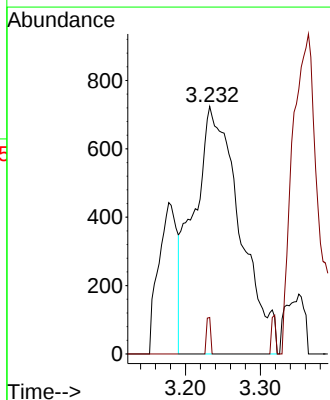
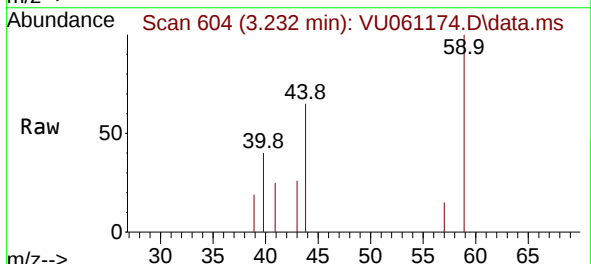
Manual Integrations
APPROVED

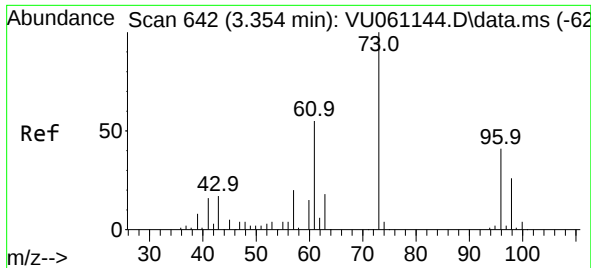
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#24
tert-Butyl Alcohol
Concen: 3.867 ug/l m
RT: 3.232 min Scan# 604
Delta R.T. -0.022 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

Tgt Ion: 59 Resp: 3123
Ion Ratio Lower Upper
59 100
57 0.0 3.2 4.8#





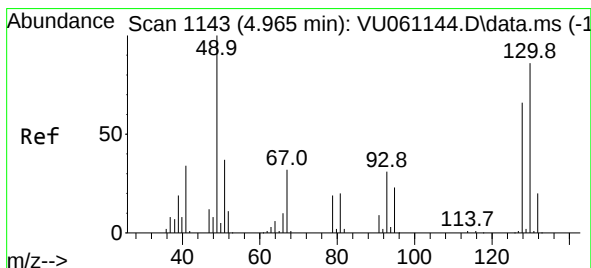
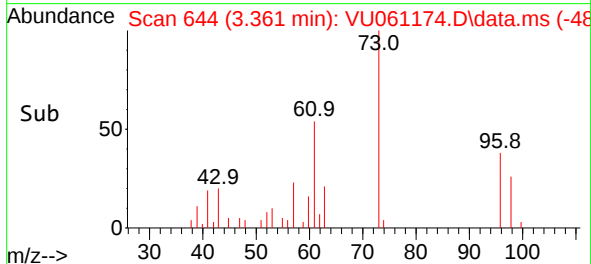
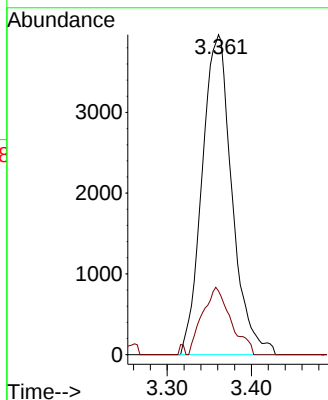
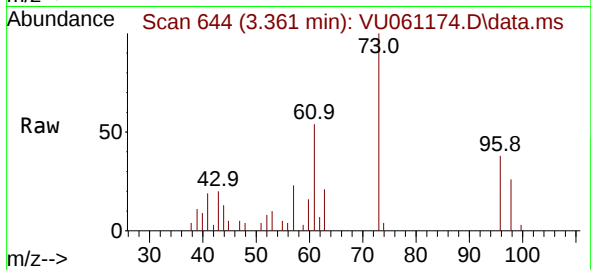
#25
Methyl tert-Butyl Ether
Concen: 0.366 ug/l
RT: 3.361 min Scan# 642
Delta R.T. 0.007 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

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

Tgt Ion: 73 Resp: 976
Ion Ratio Lower Upper
73 100
43 20.0 14.7 22.1

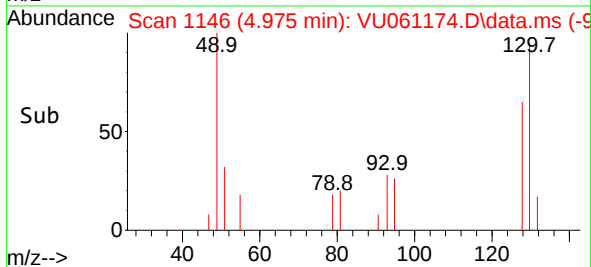
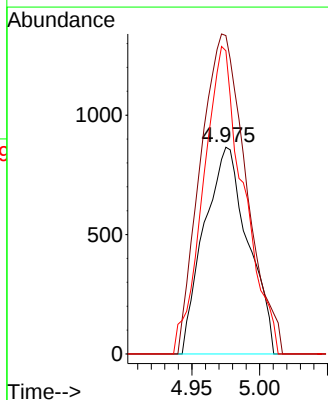
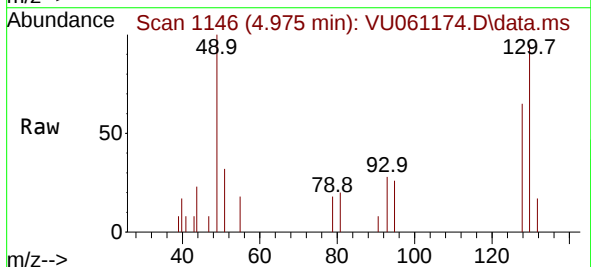
Manual Integrations
APPROVED

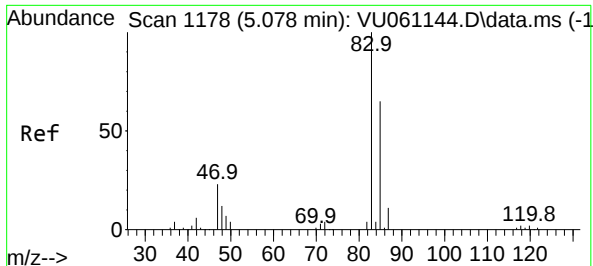
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#26
Bromochloromethane
Concen: 0.366 ug/l
RT: 4.975 min Scan# 1146
Delta R.T. 0.010 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

Tgt Ion:128 Resp: 1948
Ion Ratio Lower Upper
128 100
49 161.4 0.0 308.8
130 137.1 105.3 157.9





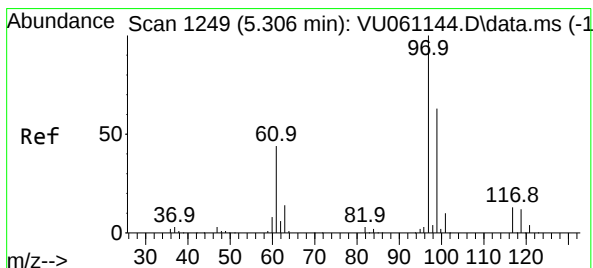
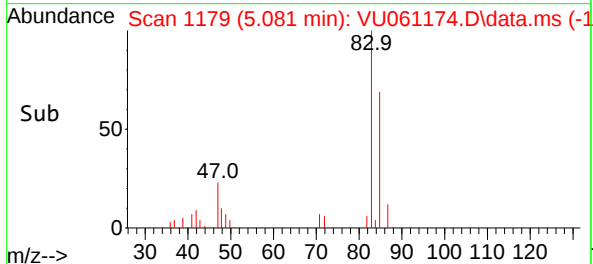
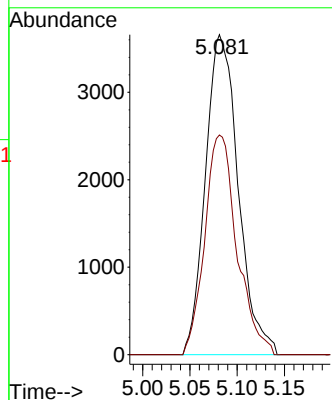
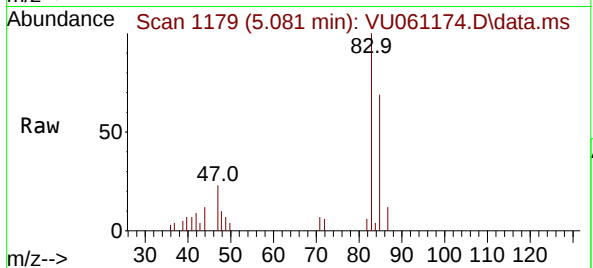
#27
Chloroform
Concen: 0.406 ug/l
RT: 5.081 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

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

Tgt Ion: 83 Resp: 882
Ion Ratio Lower Upper
83 100
85 68.6 0.0 129.6

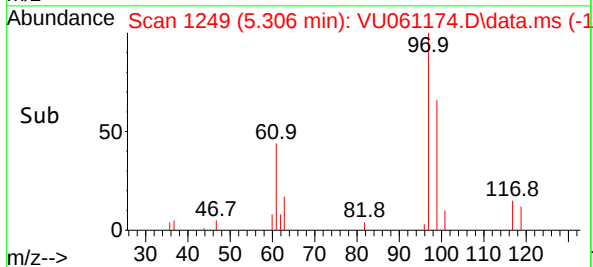
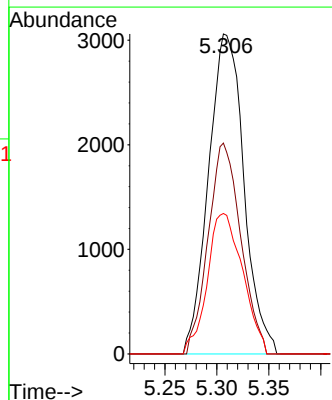
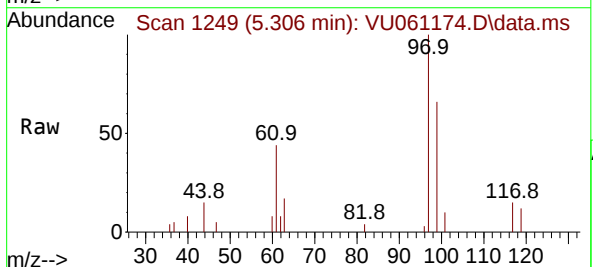
Manual Integrations
APPROVED

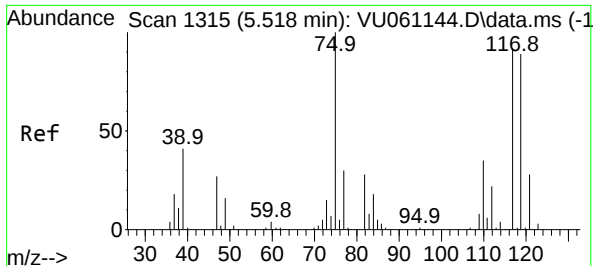
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#28
1,1,1-Trichloroethane
Concen: 0.378 ug/l
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

Tgt Ion: 97 Resp: 7244
Ion Ratio Lower Upper
97 100
99 60.9 31.9 95.5
61 43.9 22.1 66.1





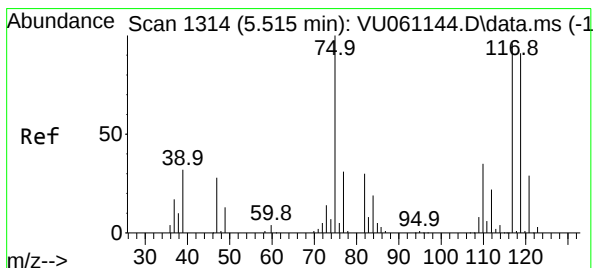
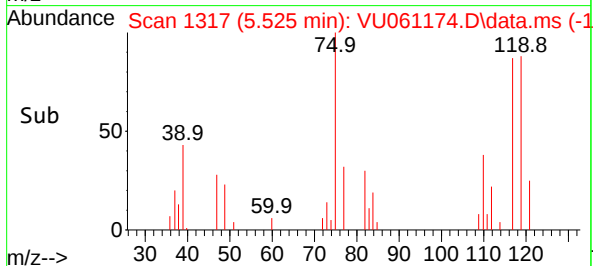
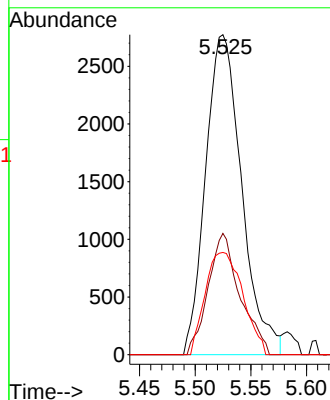
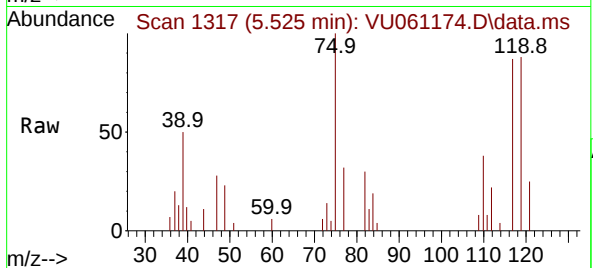
#29
1,1-Dichloropropene
Concen: 0.369 ug/l
RT: 5.525 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

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

Tgt Ion: 75 Resp: 6250
Ion Ratio Lower Upper
75 100
110 33.5 17.8 53.3
77 33.3 24.6 37.0

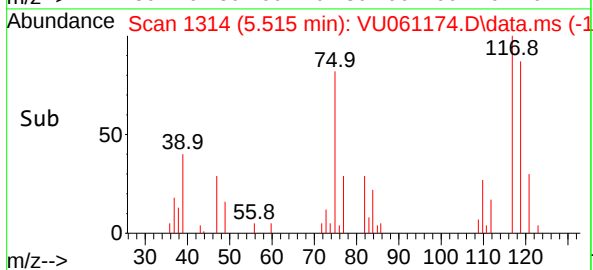
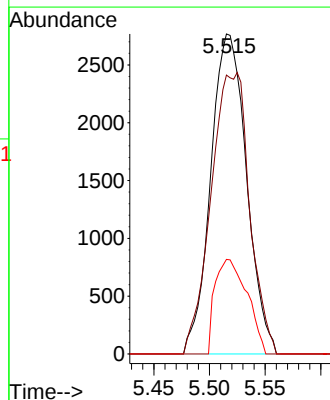
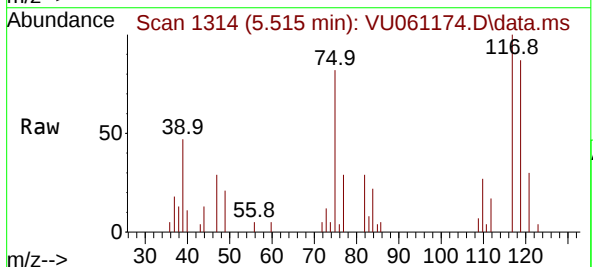
Manual Integrations
APPROVED

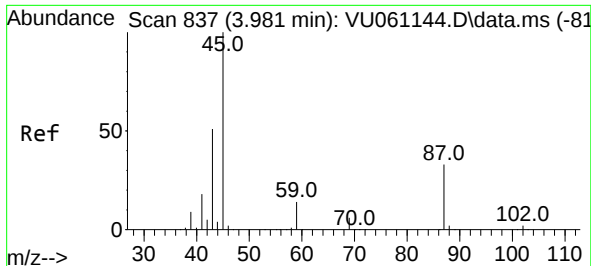
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#30
Carbon Tetrachloride
Concen: 0.373 ug/l
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

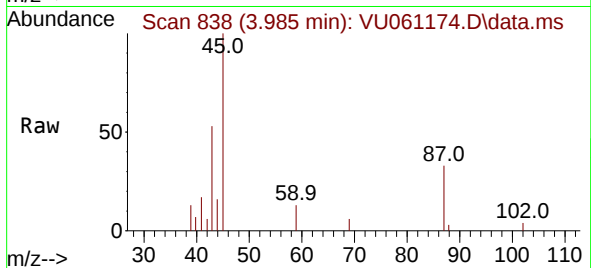
Tgt Ion:117 Resp: 6201
Ion Ratio Lower Upper
117 100
119 87.2 76.4 114.6
121 29.6 24.1 36.1





#31
Isopropyl Ether
Concen: 0.364 ug/l
RT: 3.985 min Scan# 81
Delta R.T. 0.003 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

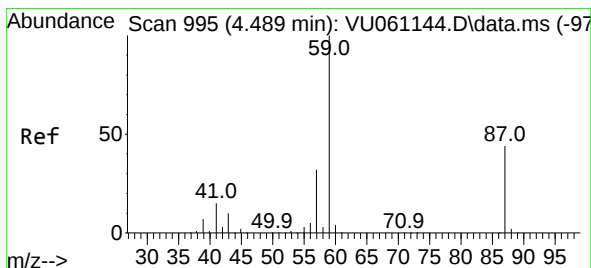
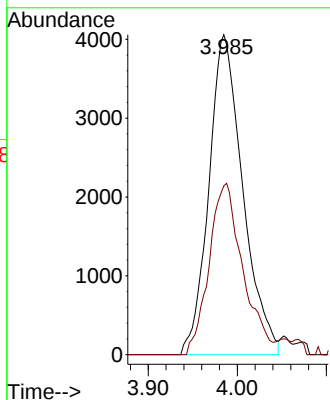
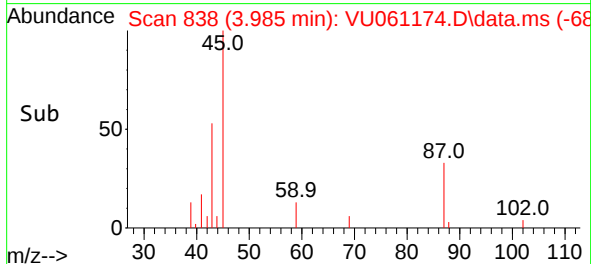
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024



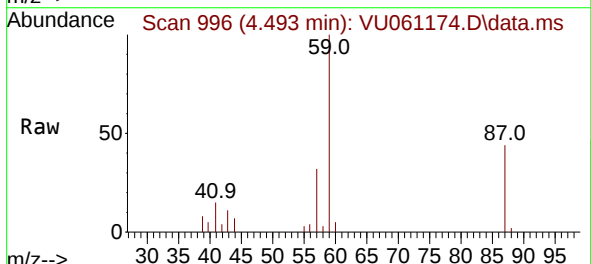
Tgt Ion: 45 Resp: 1076
Ion Ratio Lower Upper
45 100
43 53.0 25.7 77.0

Manual Integrations
APPROVED

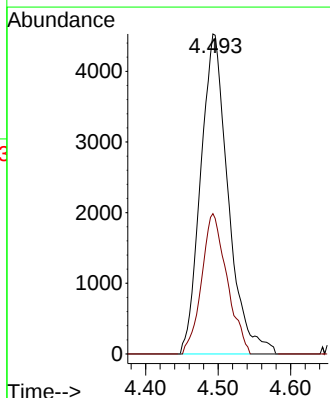
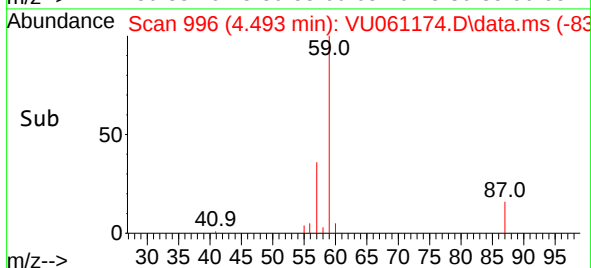
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

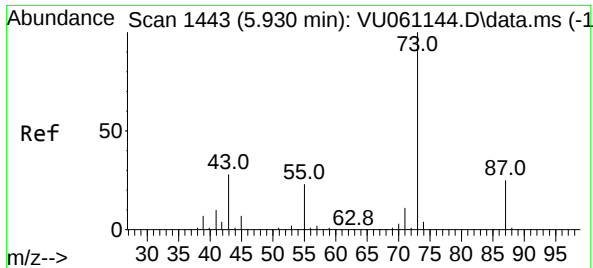


#32
Ethyl-t-butyl ether
Concen: 0.393 ug/l
RT: 4.493 min Scan# 996
Delta R.T. 0.003 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06



Tgt Ion: 59 Resp: 11926
Ion Ratio Lower Upper
59 100
87 40.5 34.7 52.1





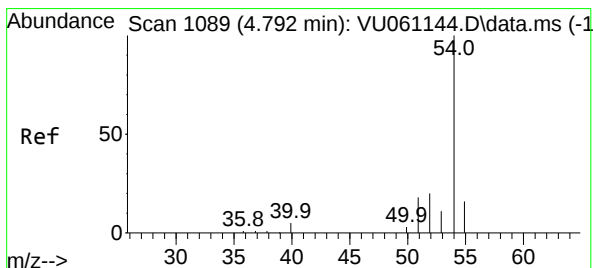
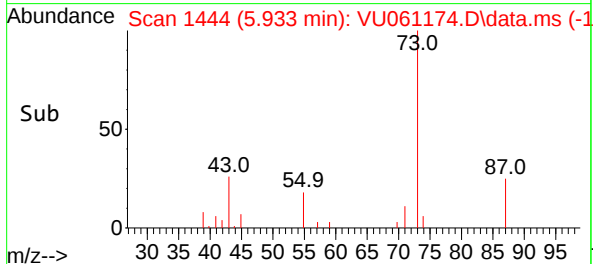
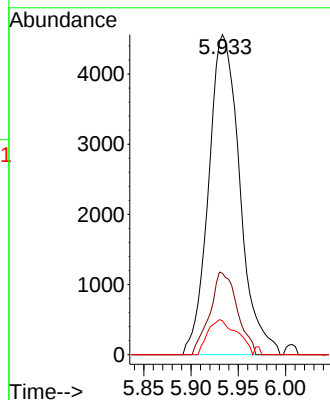
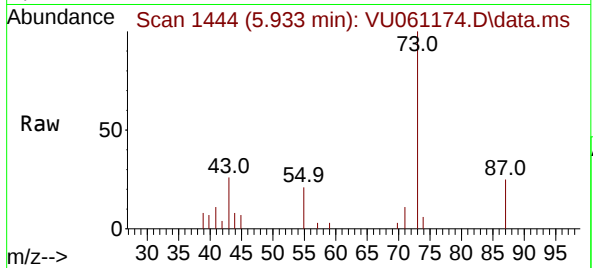
#33
Tert-Amyl methyl ether
Concen: 0.383 ug/l
RT: 5.933 min Scan# 1443
Delta R.T. 0.003 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

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

Tgt Ion: 73 Resp: 1047
Ion Ratio Lower Upper
73 100
87 22.7 19.8 29.8
71 10.2 8.6 12.8

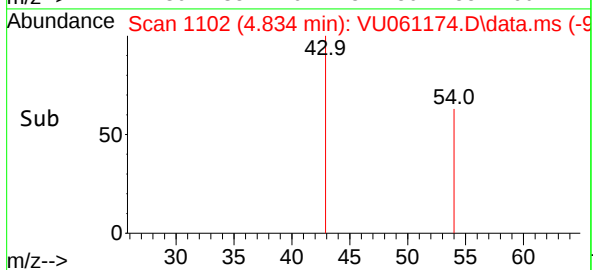
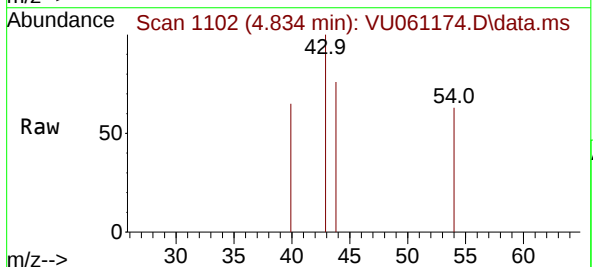
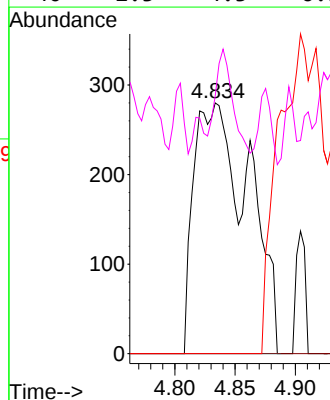
Manual Integrations
APPROVED

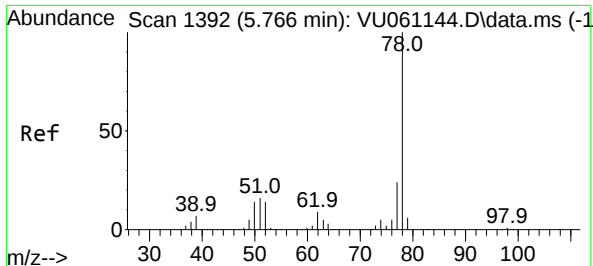
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#34
Propionitrile
Concen: 1.158 ug/l m
RT: 4.834 min Scan# 1102
Delta R.T. 0.042 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

Tgt Ion: 54 Resp: 884
Ion Ratio Lower Upper
54 100
52 0.0 15.3 22.9#
55 0.0 9.7 14.5#
40 2.3 4.3 6.5#





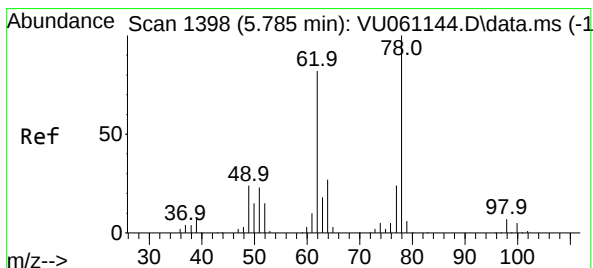
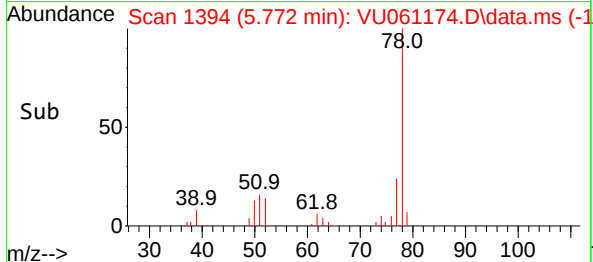
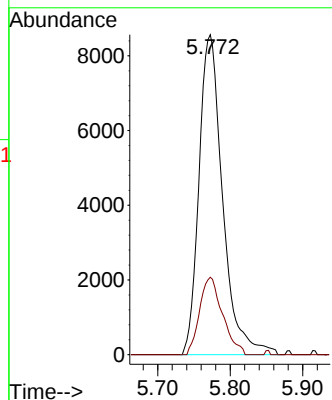
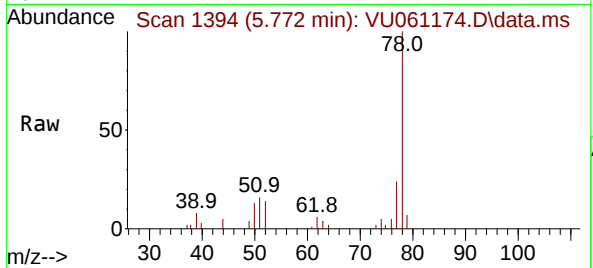
#35
Benzene
Concen: 0.407 ug/l
RT: 5.772 min Scan# 1400
Delta R.T. 0.007 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

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

Tgt Ion: 78 Resp: 1940
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.0

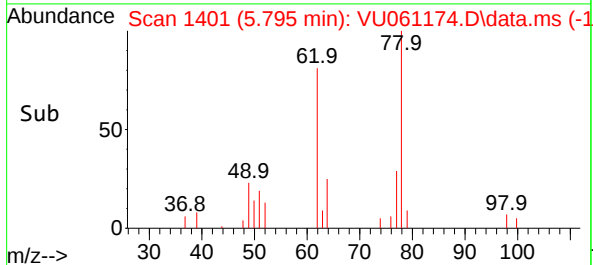
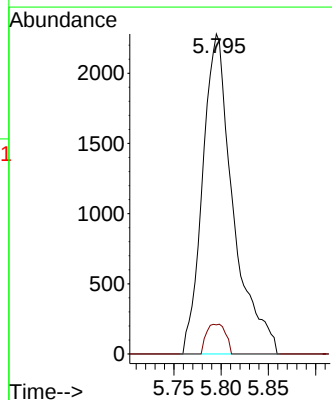
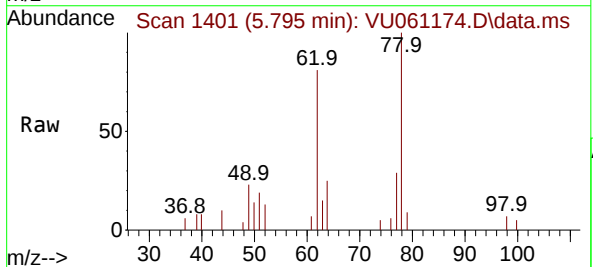
Manual Integrations
APPROVED

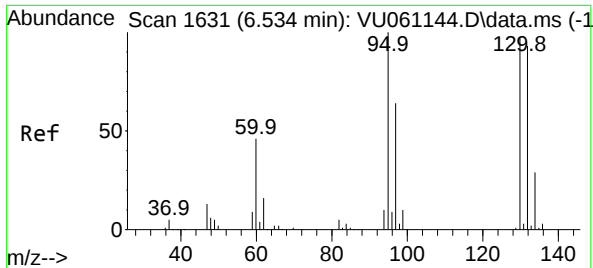
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#36
1,2-Dichloroethane
Concen: 0.380 ug/l
RT: 5.795 min Scan# 1401
Delta R.T. 0.010 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

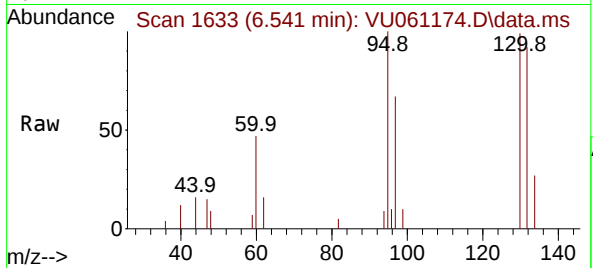
Tgt Ion: 62 Resp: 5107
Ion Ratio Lower Upper
62 100
98 5.9 7.0 10.4#





#37
Trichloroethene
Concen: 0.393 ug/l
RT: 6.541 min Scan# 1710
Delta R.T. 0.006 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

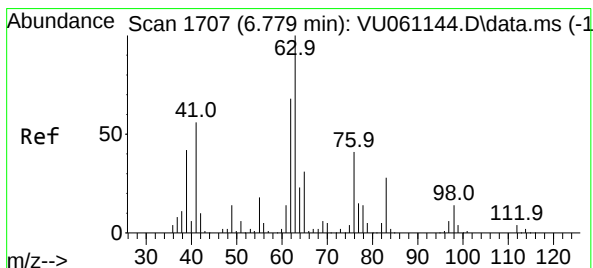
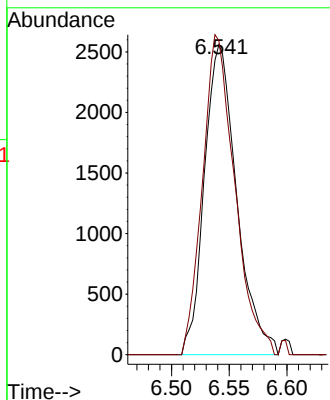
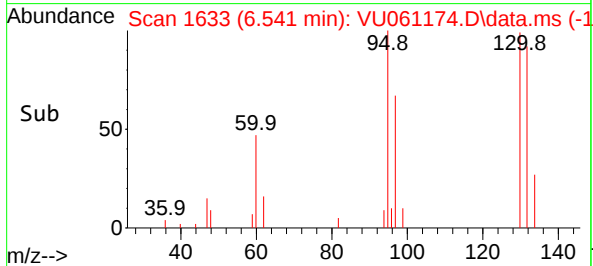
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024



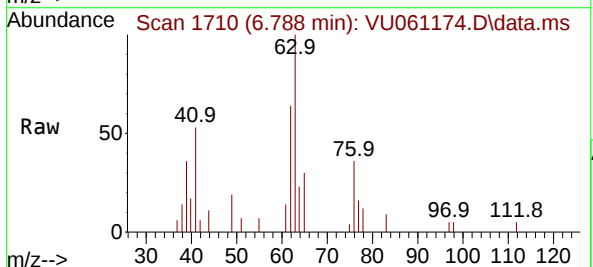
Tgt Ion:130 Resp: 499
Ion Ratio Lower Upper
130 100
95 101.3 82.6 123.8

Manual Integrations
APPROVED

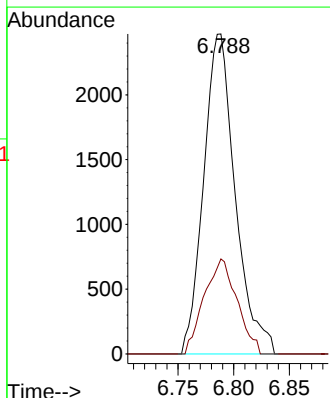
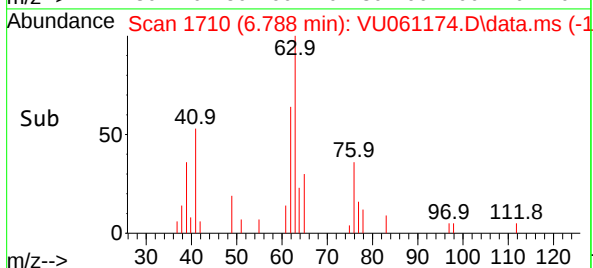
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

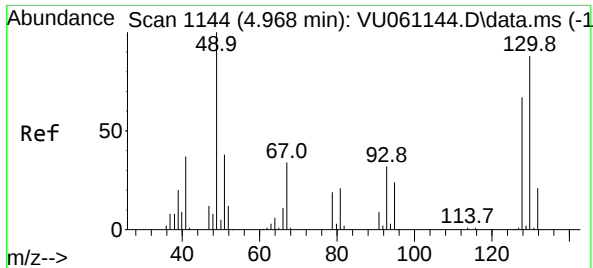


#38
1,2-Dichloropropane
Concen: 0.404 ug/l
RT: 6.788 min Scan# 1710
Delta R.T. 0.010 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06



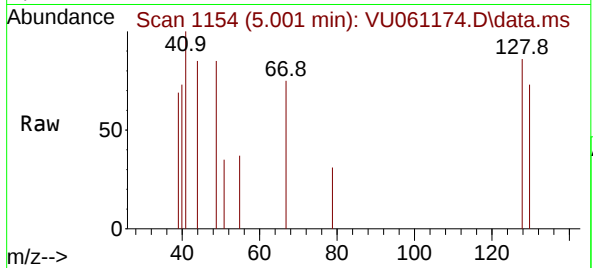
Tgt Ion: 63 Resp: 4870
Ion Ratio Lower Upper
63 100
65 29.7 25.0 37.6





#39
Methacrylonitrile
Concen: 0.305 ug/l m
RT: 5.001 min Scan# 1154
Delta R.T. 0.032 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

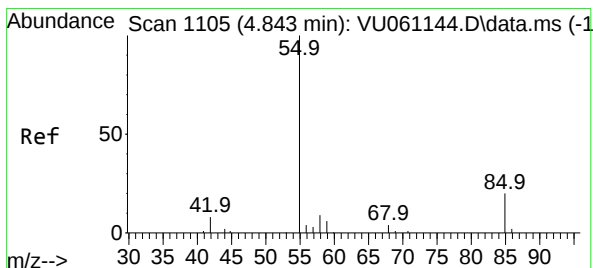
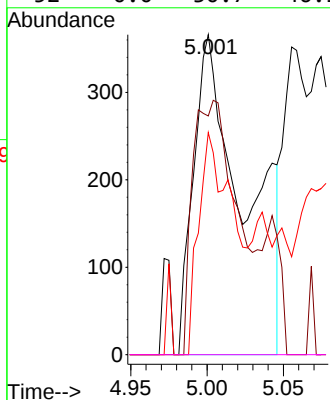
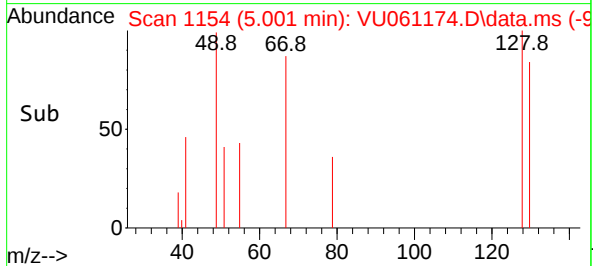
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT4-2024



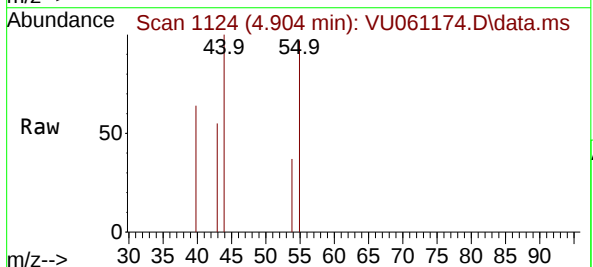
Tgt Ion: 41 Resp: 83
Ion Ratio Lower Upper
41 100
67 68.2 78.1 117.1#
39 48.0 44.6 67.0
52 0.0 30.7 46.1#

Manual Integrations
APPROVED

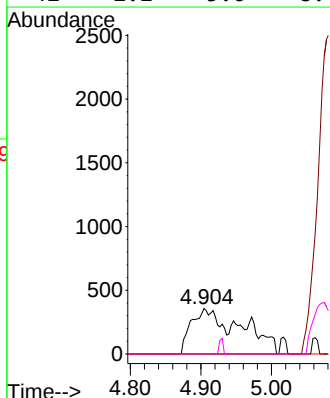
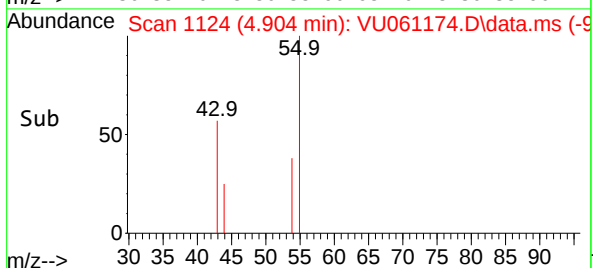
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

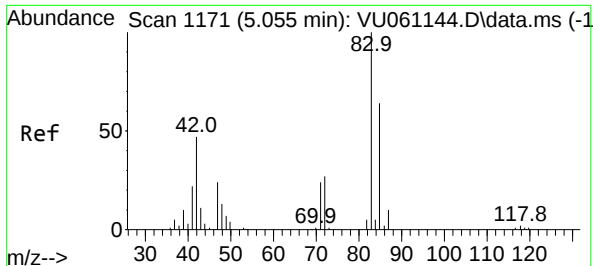


#40
Methyl acrylate
Concen: 0.313 ug/l m
RT: 4.904 min Scan# 1124
Delta R.T. 0.061 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06



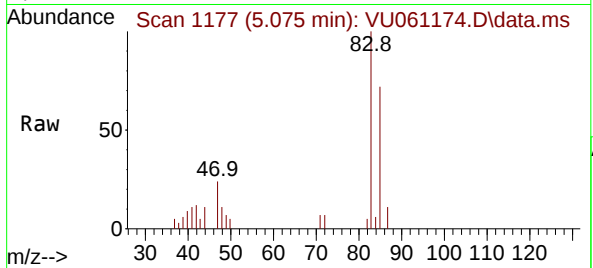
Tgt Ion: 55 Resp: 1745
Ion Ratio Lower Upper
55 100
85 0.0 14.1 21.1#
58 0.0 6.9 10.3#
42 2.2 5.6 8.4#





#41
Tetrahydrofuran
Concen: 0.764 ug/l m
RT: 5.075 min Scan# 1171
Delta R.T. 0.019 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

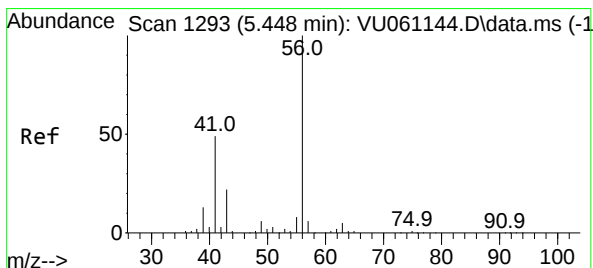
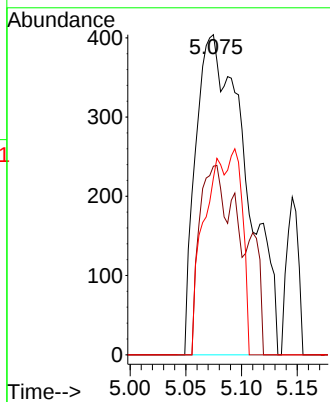
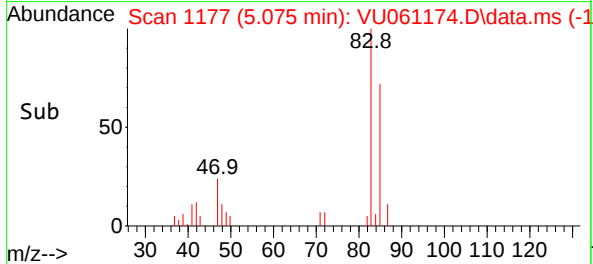
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion: 42 Resp: 126
Ion Ratio Lower Upper
42 100
72 30.0 47.8 71.8
71 26.5 41.5 62.3

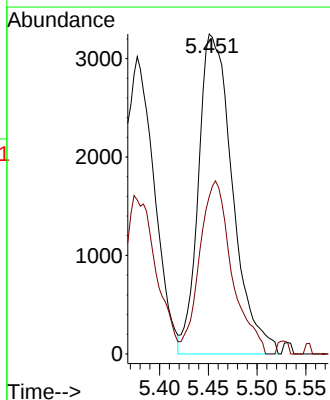
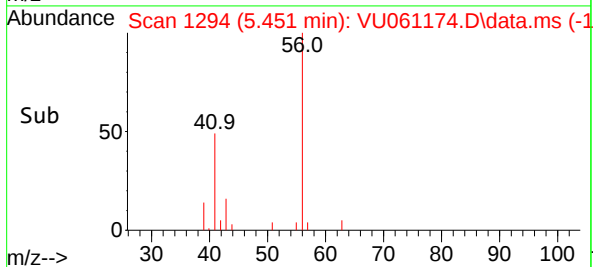
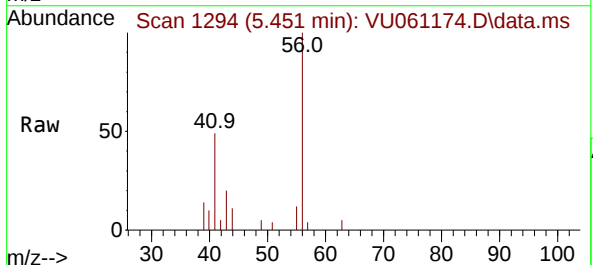
Manual Integrations
APPROVED

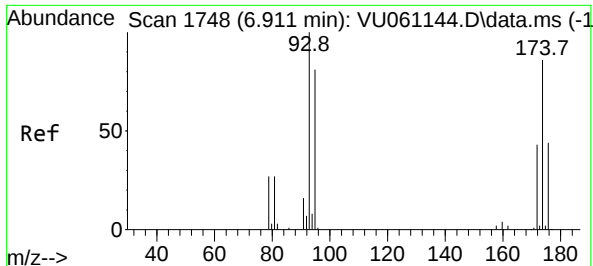
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#42
1-Chlorobutane
Concen: 0.364 ug/l
RT: 5.451 min Scan# 1294
Delta R.T. 0.003 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

Tgt Ion: 56 Resp: 7897
Ion Ratio Lower Upper
56 100
41 51.5 23.9 71.7





#43

Dibromomethane

Concen: 0.390 ug/l

RT: 6.917 min Scan# 1750

Delta R.T. 0.007 min

Lab File: VU061174.D

Acq: 21 Oct 2024 16:06

Instrument :

MSVOA_U

ClientSampleId :

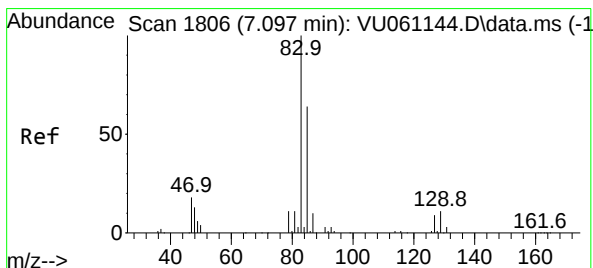
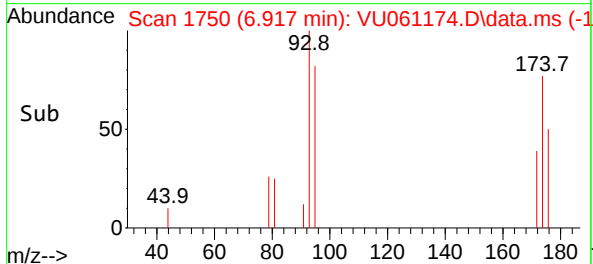
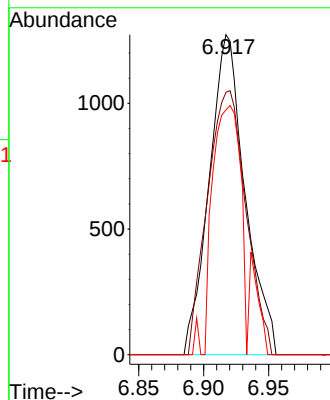
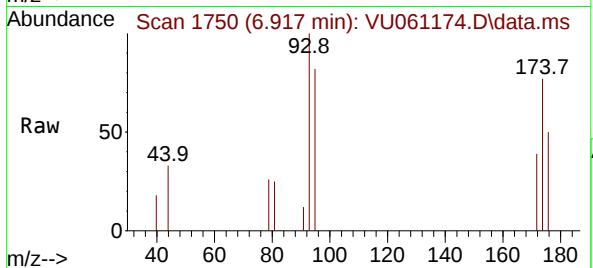
MDL-WATER-03-QT4-2024

Tgt Ion:	93	Resp:	244
Ion	Ratio	Lower	Upper
93	100		
95	88.7	67.5	101.3
174	60.8	71.2	106.8

Manual Integrations

APPROVED

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



#44

Bromodichloromethane

Concen: 0.388 ug/l

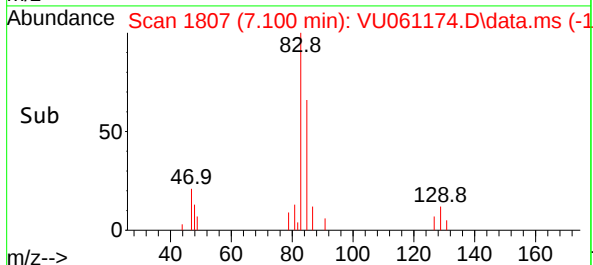
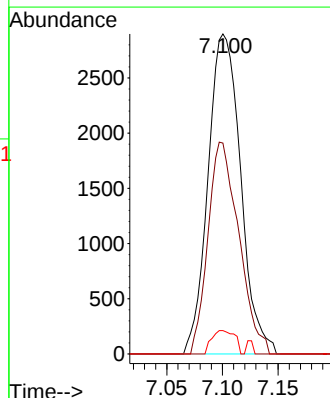
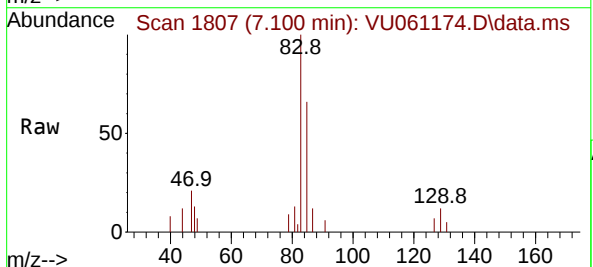
RT: 7.100 min Scan# 1807

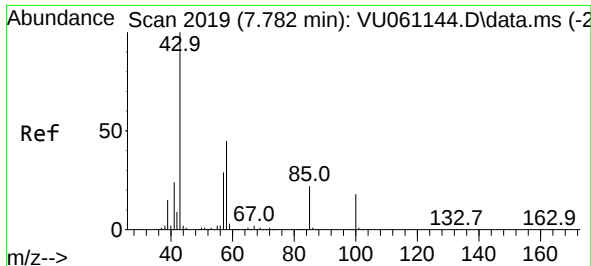
Delta R.T. 0.003 min

Lab File: VU061174.D

Acq: 21 Oct 2024 16:06

Tgt Ion:	83	Resp:	5911
Ion	Ratio	Lower	Upper
83	100		
85	65.9	51.4	77.2
127	7.3	7.4	11.2





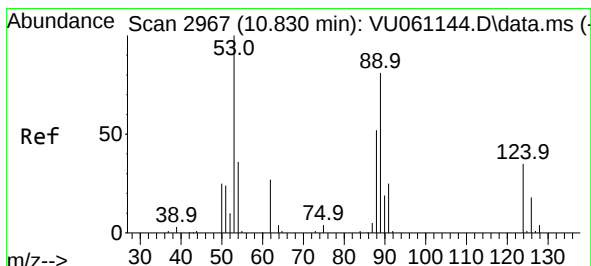
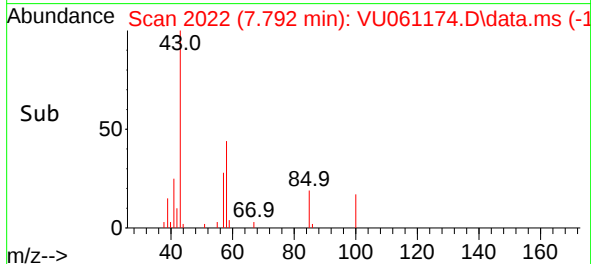
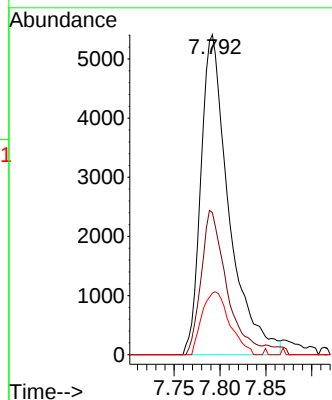
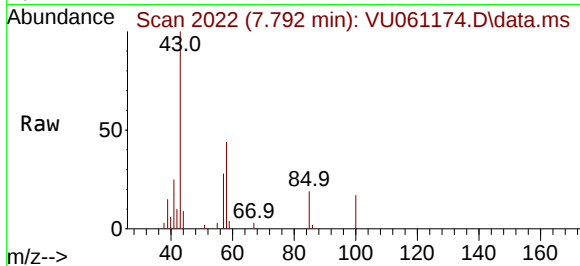
#45
4-Methyl-2-Pentanone
Concen: 1.827 ug/l
RT: 7.792 min Scan# 2019
Delta R.T. 0.010 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

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

Tgt Ion: 43 Resp: 1147
Ion Ratio Lower Upper
43 100
58 41.0 22.2 66.6
85 19.3 17.2 25.8

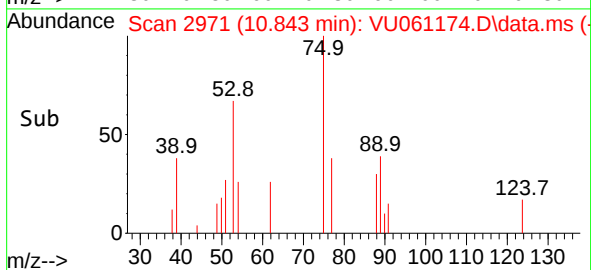
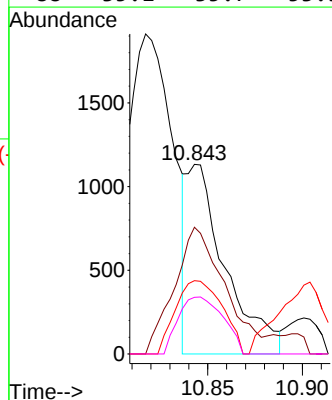
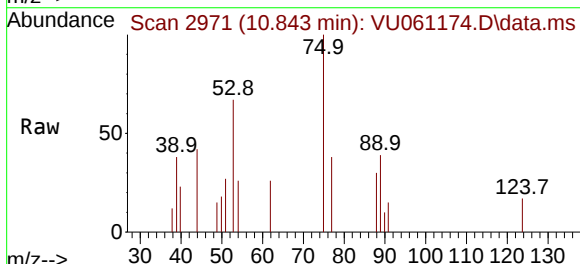
Manual Integrations
APPROVED

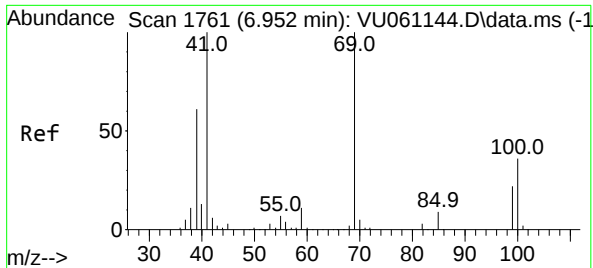
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#46
t-1,4-Dichloro-2-butene
Concen: 0.637 ug/l m
RT: 10.843 min Scan# 2971
Delta R.T. 0.013 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

Tgt Ion: 75 Resp: 1596
Ion Ratio Lower Upper
75 100
53 88.9 66.0 99.0
89 47.2 48.0 72.0#
88 35.1 35.7 53.5#





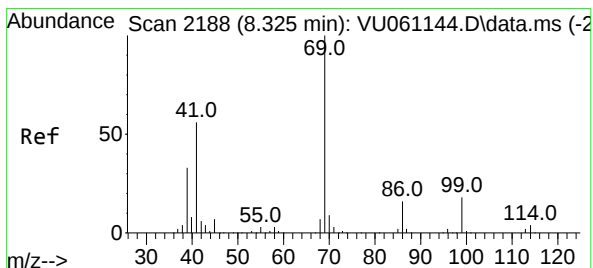
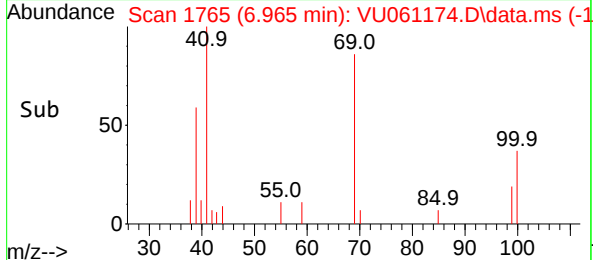
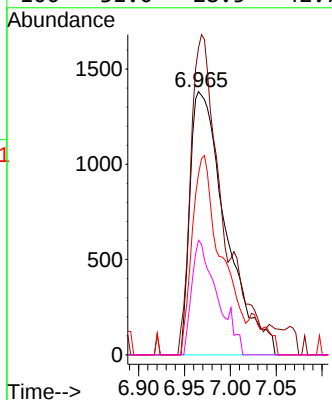
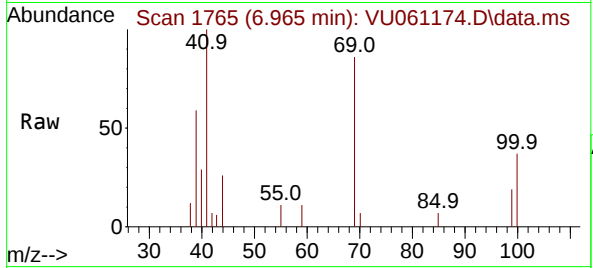
#47
Methyl methacrylate
Concen: 0.689 ug/l
RT: 6.965 min Scan# 1765
Delta R.T. 0.013 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

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

Tgt Ion: 69 Resp: 374
Ion Ratio Lower Upper
69 100
41 88.0 0.0 196.0
39 61.9 48.0 72.0
100 31.0 28.5 42.7

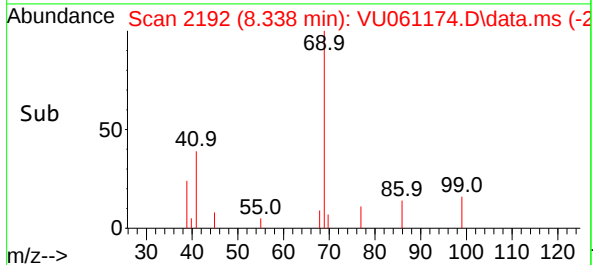
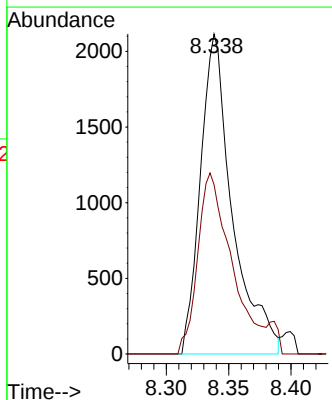
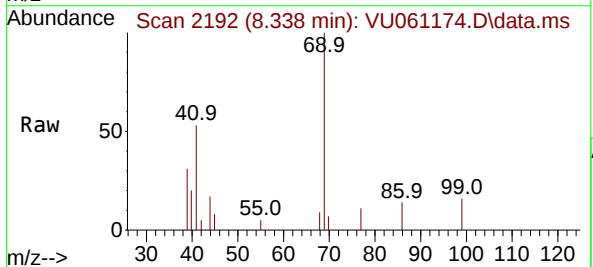
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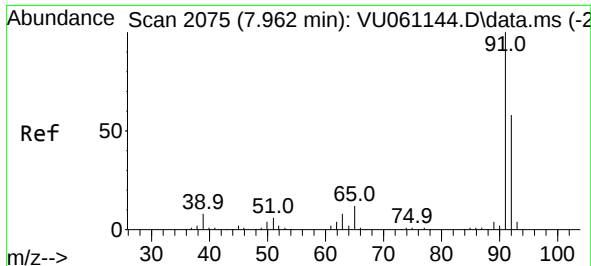
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#48
Ethyl methacrylate
Concen: 0.325 ug/l
RT: 8.338 min Scan# 2192
Delta R.T. 0.013 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

Tgt Ion: 69 Resp: 3774
Ion Ratio Lower Upper
69 100
41 60.3 28.1 84.3





#49

Toluene

Concen: 0.371 ug/l

RT: 7.968 min Scan# 2075

Delta R.T. 0.007 min

Lab File: VU061174.D

Acq: 21 Oct 2024 16:06

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion: 92 Resp: 11154

Ion Ratio Lower Upper

92 100

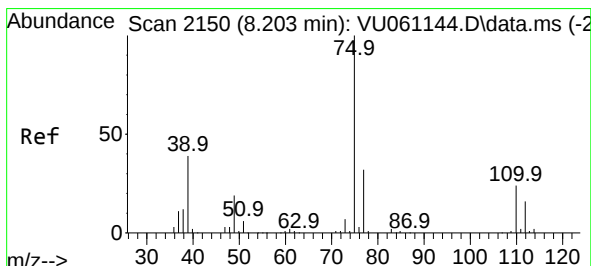
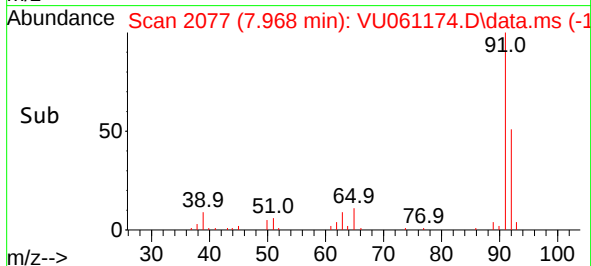
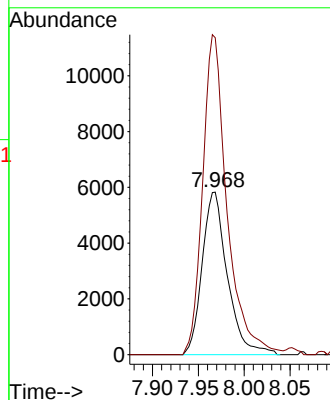
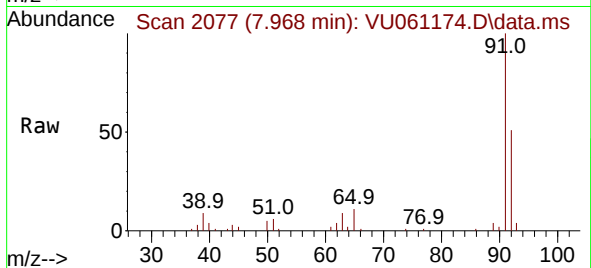
91 190.0 139.1 208.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#50

t-1,3-Dichloropropene

Concen: 0.358 ug/l

RT: 8.210 min Scan# 2152

Delta R.T. 0.007 min

Lab File: VU061174.D

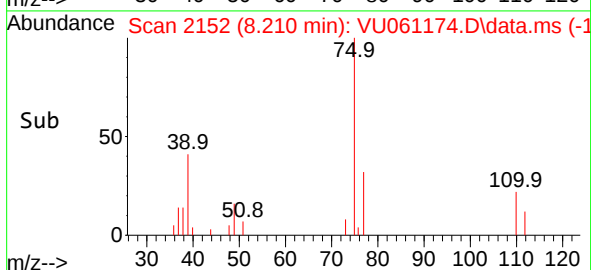
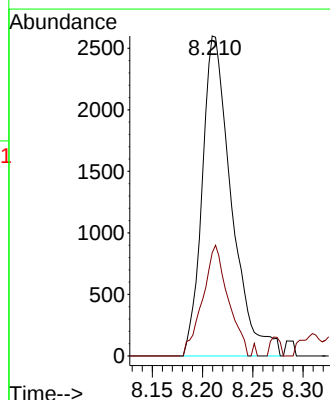
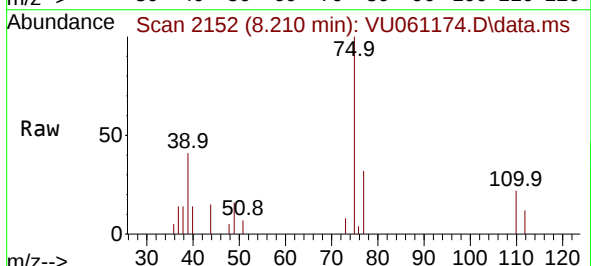
Acq: 21 Oct 2024 16:06

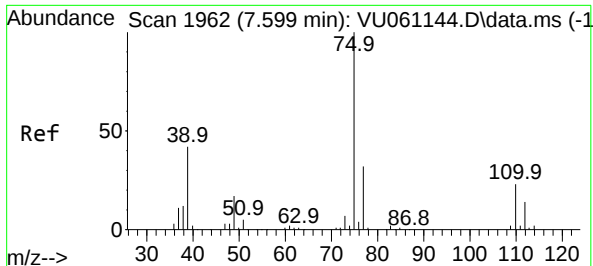
Tgt Ion: 75 Resp: 5257

Ion Ratio Lower Upper

75 100

77 32.2 25.9 38.9





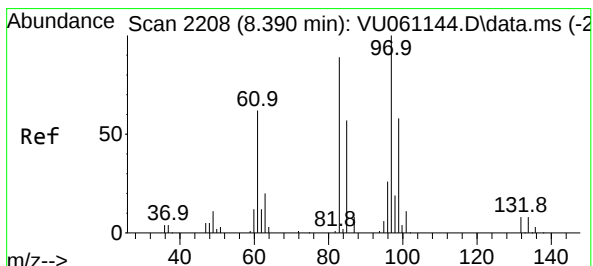
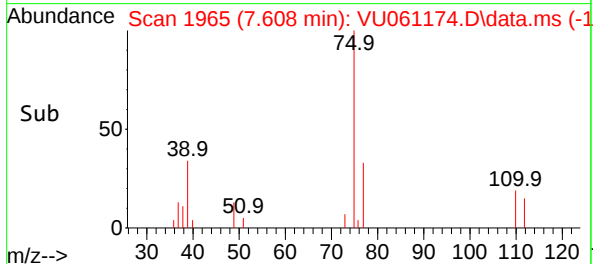
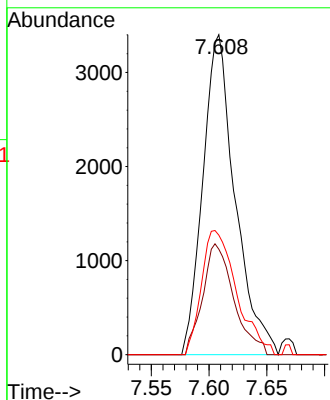
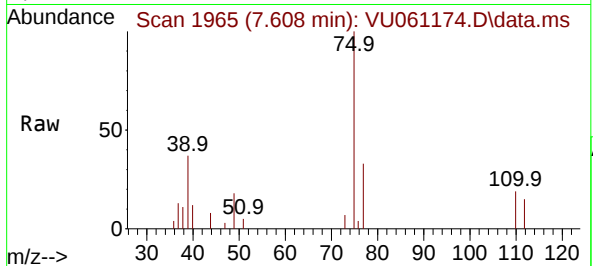
#51
 cis-1,3-Dichloropropene
 Concen: 0.366 ug/l
 RT: 7.608 min Scan# 1962
 Delta R.T. 0.010 min
 Lab File: VU061174.D
 Acq: 21 Oct 2024 16:06

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

Tgt Ion: 75 Resp: 659
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.8 38.8
 39 37.4 33.7 50.5

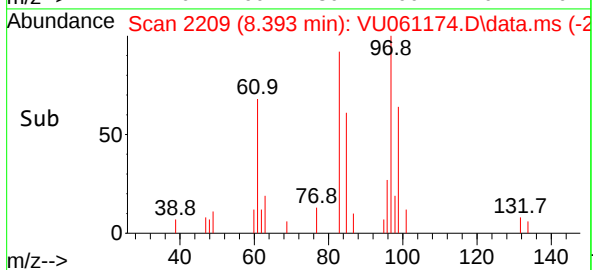
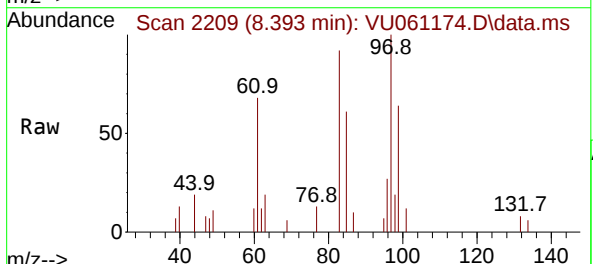
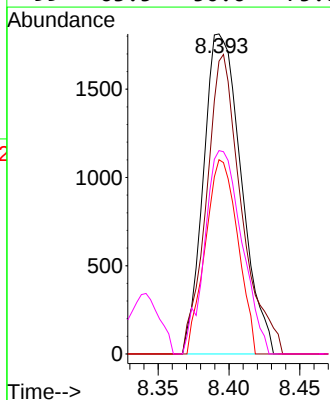
Manual Integrations
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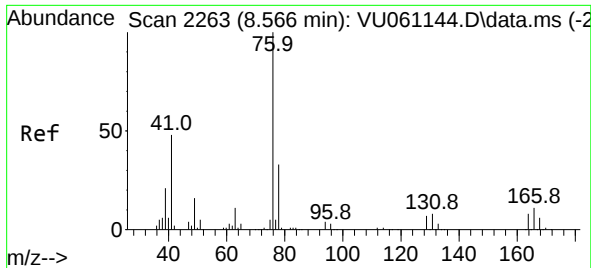
Reviewed By :Mahesh Dadoda 10/25/2024
 Supervised By :Semsettin Yesilyurt 10/25/2024



#52
 1,1,2-Trichloroethane
 Concen: 0.398 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. 0.003 min
 Lab File: VU061174.D
 Acq: 21 Oct 2024 16:06

Tgt Ion: 97 Resp: 3361
 Ion Ratio Lower Upper
 97 100
 83 91.5 71.0 106.4
 85 60.7 46.1 69.1
 99 63.5 50.6 75.8





#53

1,3-Dichloropropane

Concen: 0.389 ug/l

RT: 8.570 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU061174.D

Acq: 21 Oct 2024 16:06

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion: 76 Resp: 576

Ion Ratio Lower Upper

76 100

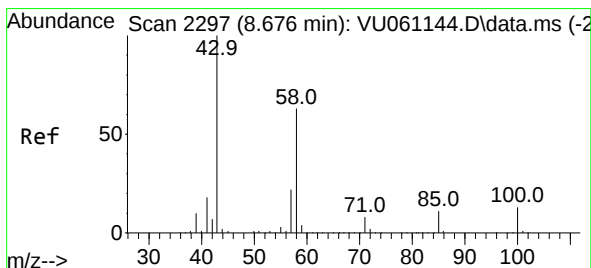
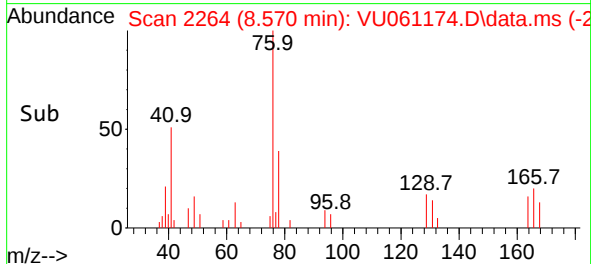
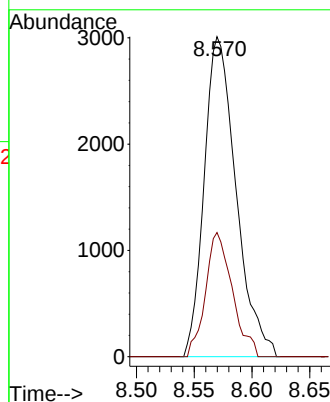
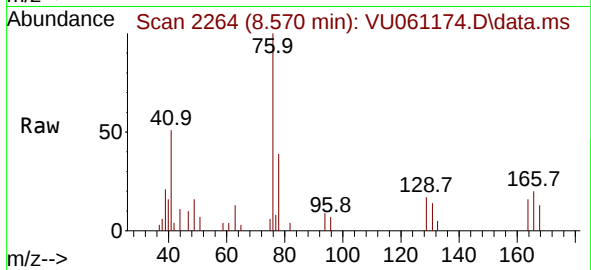
78 32.6 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#54

2-Hexanone

Concen: 1.504 ug/l

RT: 8.692 min Scan# 2302

Delta R.T. 0.016 min

Lab File: VU061174.D

Acq: 21 Oct 2024 16:06

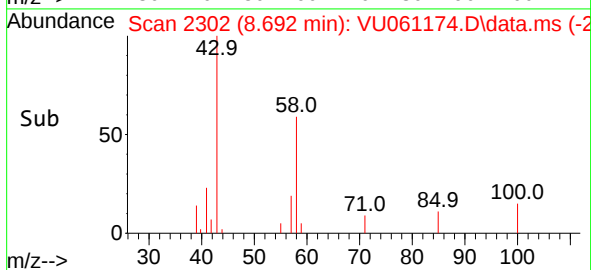
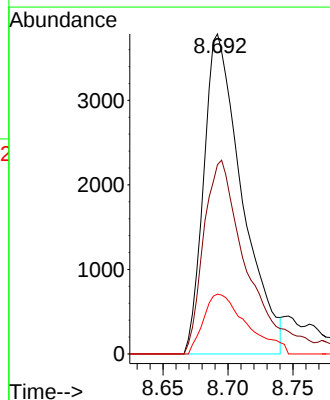
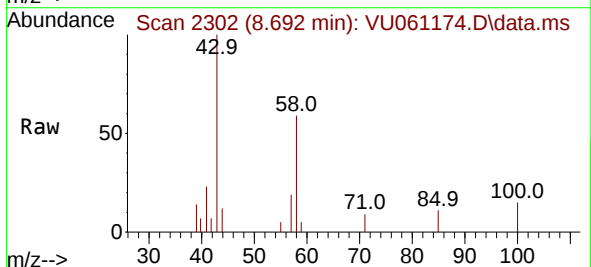
Tgt Ion: 43 Resp: 7762

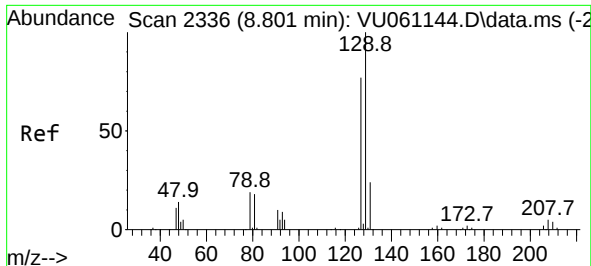
Ion Ratio Lower Upper

43 100

58 68.2 41.8 81.8

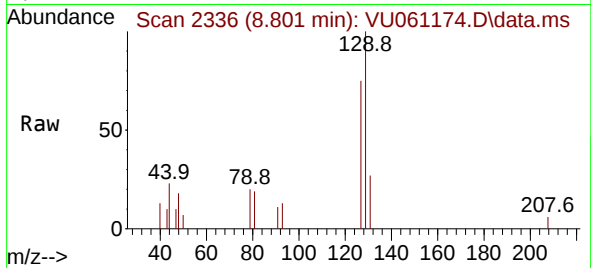
57 21.1 1.4 41.4





#55
Dibromochloromethane
Concen: 0.357 ug/l
RT: 8.801 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

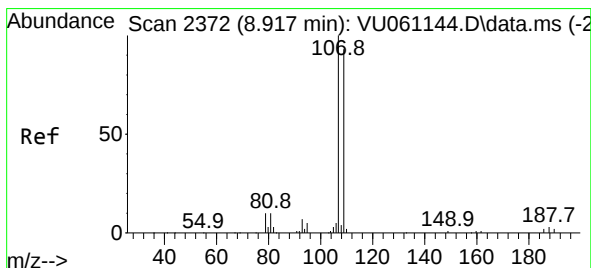
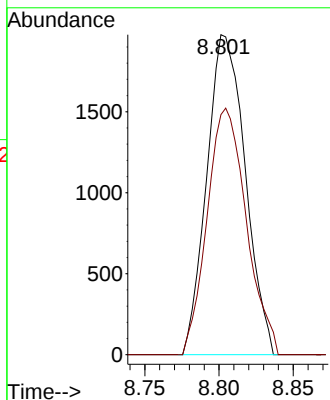
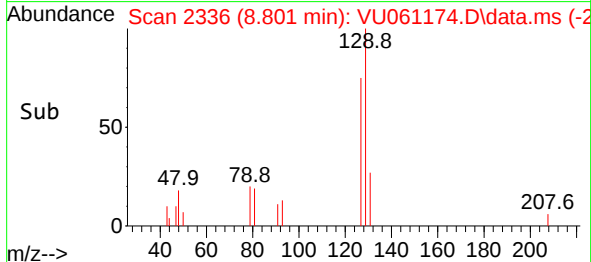
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024



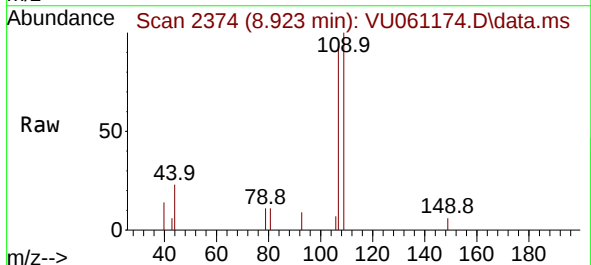
Tgt Ion:129 Resp: 355
Ion Ratio Lower Upper
129 100
127 78.7 61.9 92.9

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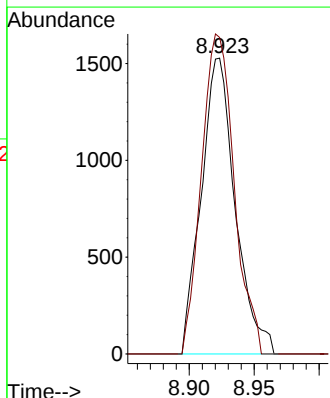
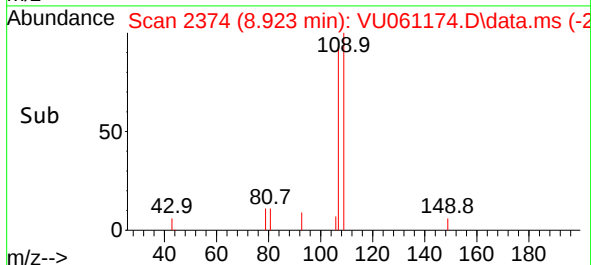
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

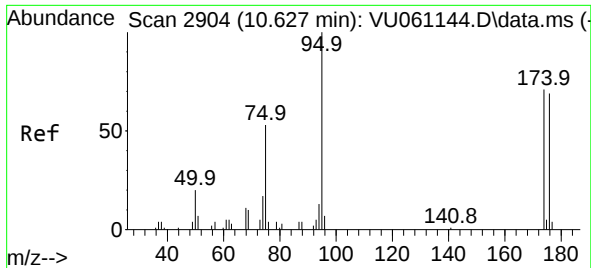


#56
1,2-Dibromoethane
Concen: 0.344 ug/l
RT: 8.923 min Scan# 2374
Delta R.T. 0.007 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06



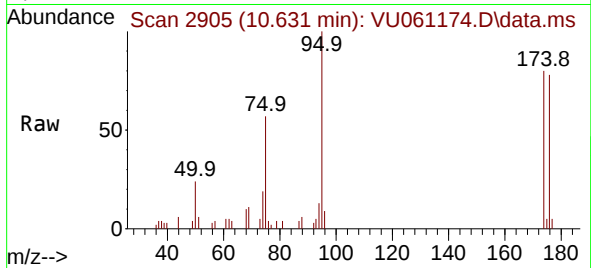
Tgt Ion:107 Resp: 2784
Ion Ratio Lower Upper
107 100
109 104.1 0.0 185.2





#57
4-Bromofluorobenzene
Concen: 0.951 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.003 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

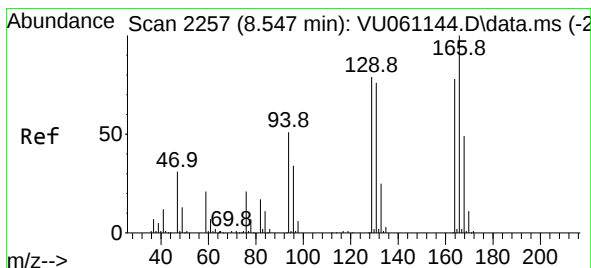
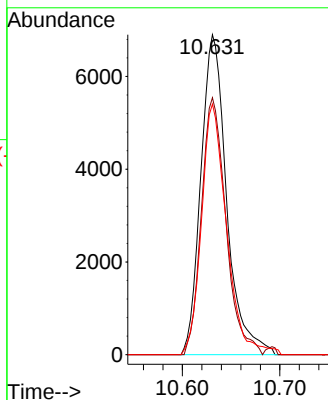
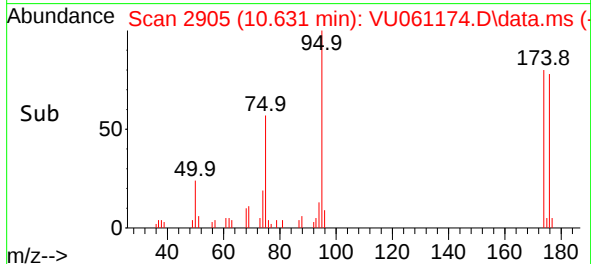
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 95 Resp: 1268
Ion Ratio Lower Upper
95 100
174 76.3 55.4 83.0
176 76.2 54.4 81.6

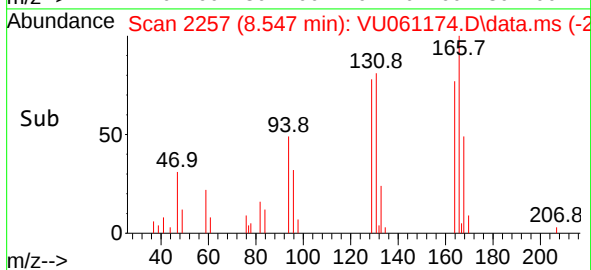
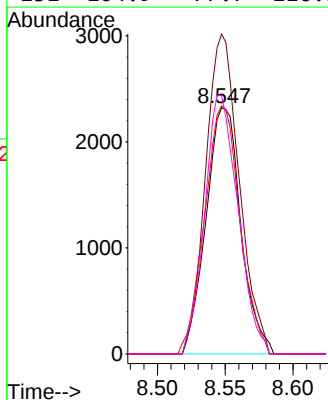
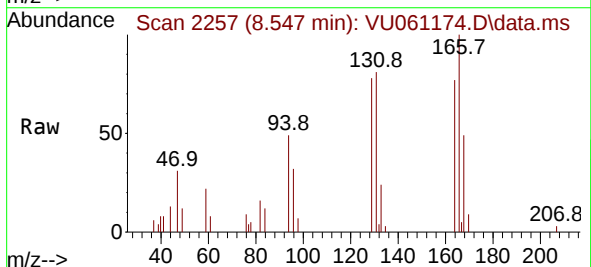
Manual Integrations
APPROVED

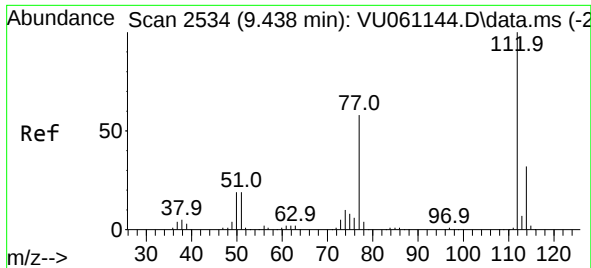
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#58
Tetrachloroethene
Concen: 0.384 ug/l
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

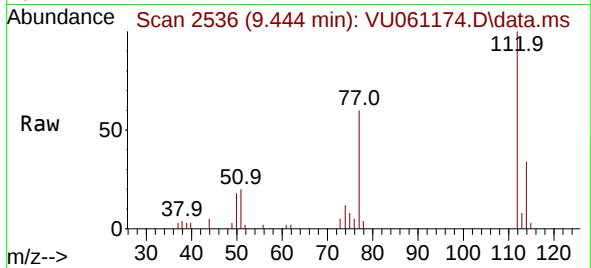
Tgt Ion:164 Resp: 4140
Ion Ratio Lower Upper
164 100
166 129.9 102.1 153.1
129 100.8 80.6 120.8
131 104.9 77.7 116.5





#59
Chlorobenzene
Concen: 0.391 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.006 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

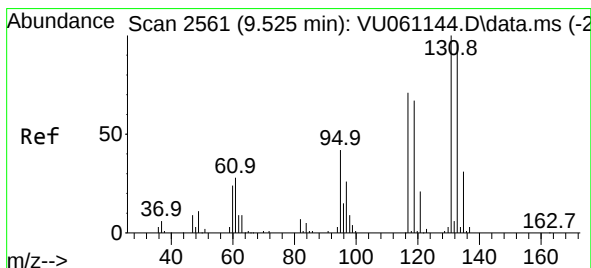
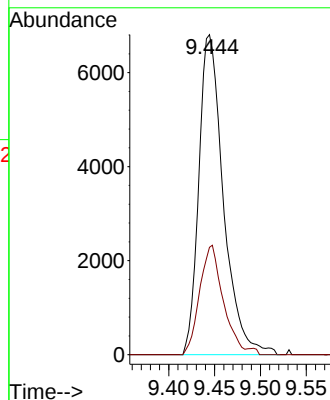
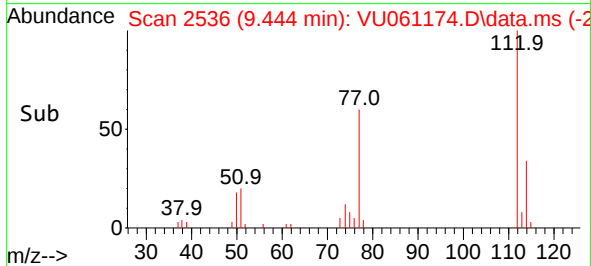
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion:112 Resp: 1268
Ion Ratio Lower Upper
112 100
114 33.5 25.4 38.2

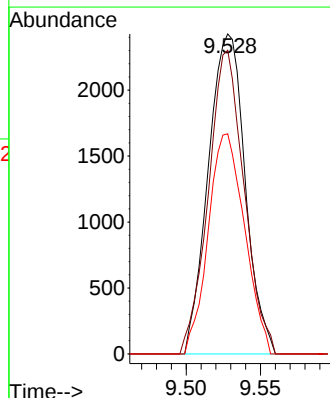
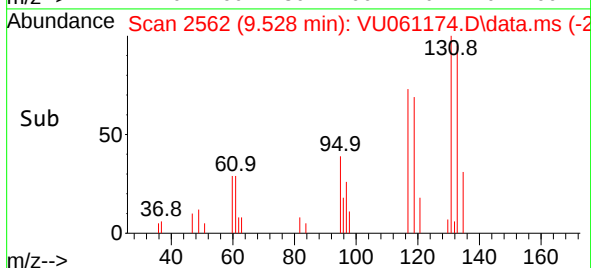
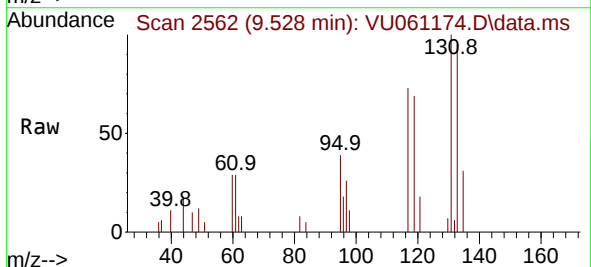
Manual Integrations
APPROVED

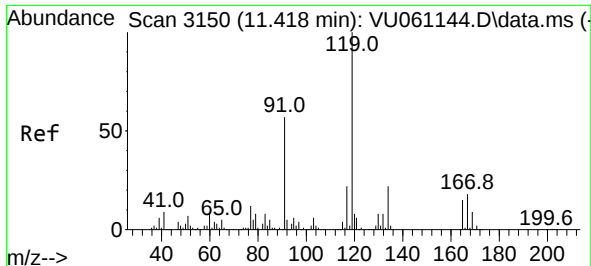
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#60
1,1,1,2-Tetrachloroethane
Concen: 0.383 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. 0.003 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

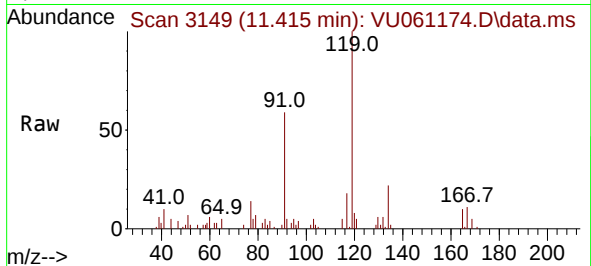
Tgt Ion:131 Resp: 4188
Ion Ratio Lower Upper
131 100
133 91.8 76.8 115.2
119 67.8 54.2 81.2





#61
 Pentachloroethane
 Concen: 0.381 ug/l
 RT: 11.415 min Scan# 3150
 Delta R.T. -0.003 min
 Lab File: VU061174.D
 Acq: 21 Oct 2024 16:06

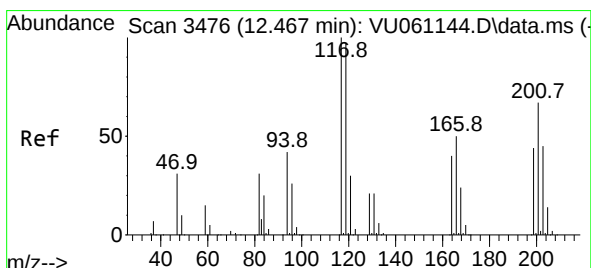
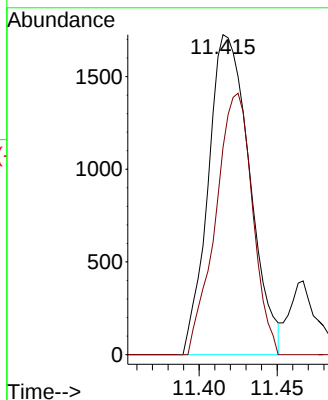
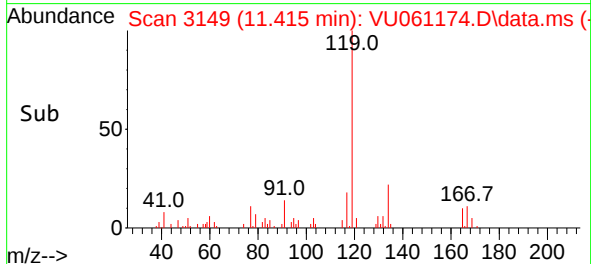
Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion:117 Resp: 319
 Ion Ratio Lower Upper
 117 100
 167 72.8 63.4 95.2

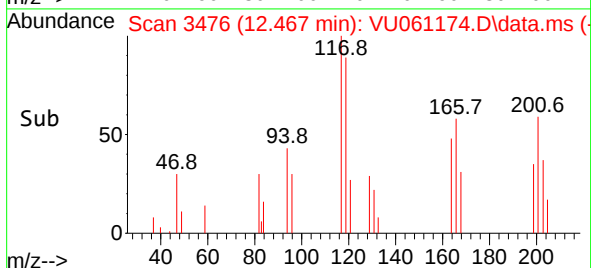
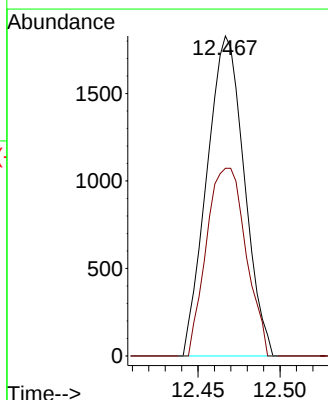
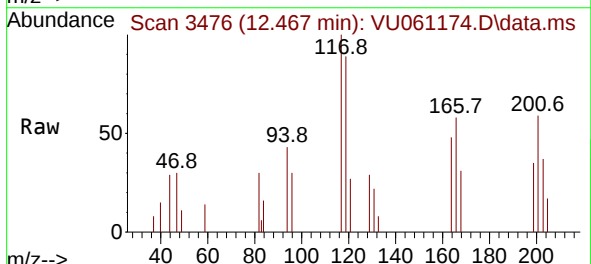
Manual Integrations
 APPROVED

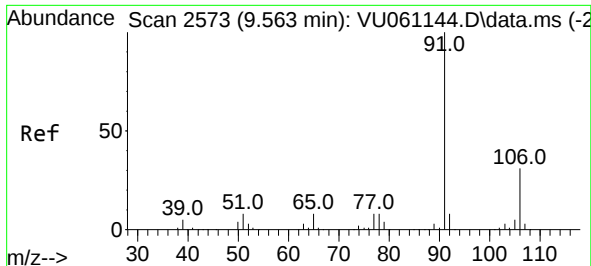
Reviewed By :Mahesh Dadoda 10/25/2024
 Supervised By :Semsettin Yesilyurt 10/25/2024



#62
 Hexachloroethane
 Concen: 0.335 ug/l
 RT: 12.467 min Scan# 3476
 Delta R.T. 0.000 min
 Lab File: VU061174.D
 Acq: 21 Oct 2024 16:06

Tgt Ion:117 Resp: 2892
 Ion Ratio Lower Upper
 117 100
 201 61.9 54.3 81.5





#63

Ethyl Benzene

Concen: 0.383 ug/l

RT: 9.566 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU061174.D

Acq: 21 Oct 2024 16:06

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion: 91 Resp: 2223

Ion Ratio Lower Upper

91 100

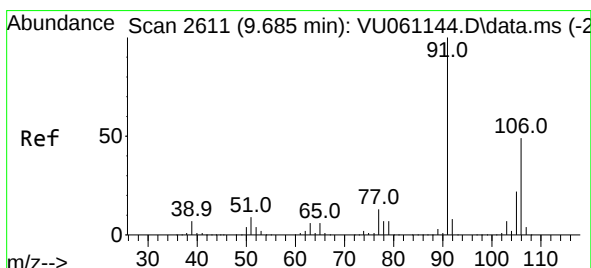
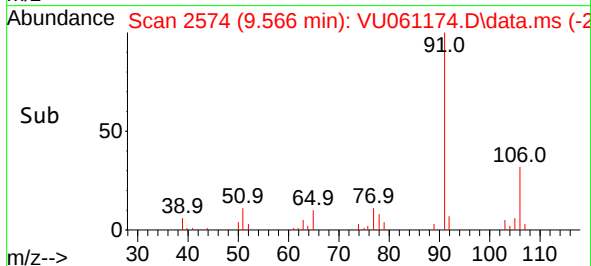
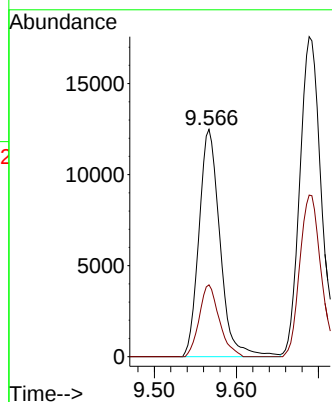
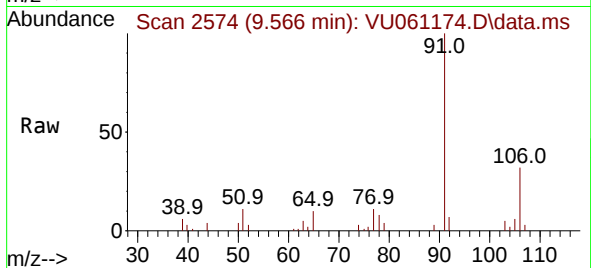
106 31.6 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#64

m/p-Xylenes

Concen: 0.736 ug/l

RT: 9.689 min Scan# 2612

Delta R.T. 0.003 min

Lab File: VU061174.D

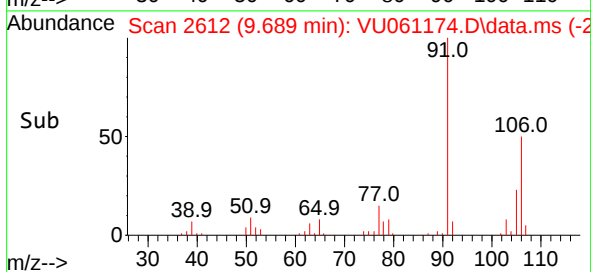
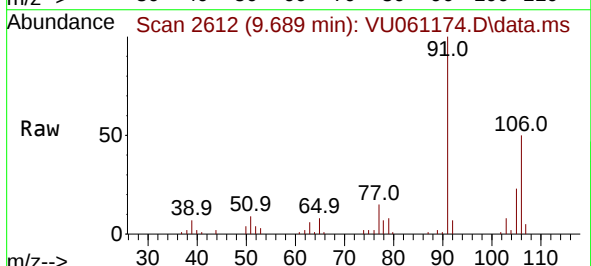
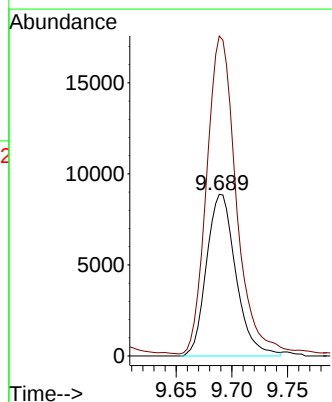
Acq: 21 Oct 2024 16:06

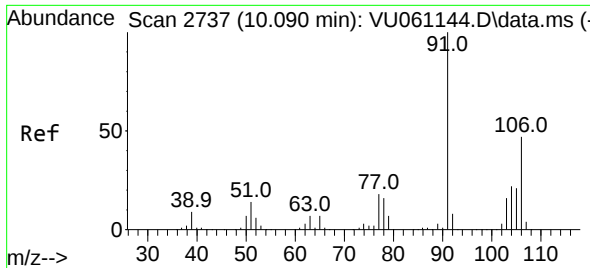
Tgt Ion:106 Resp: 16275

Ion Ratio Lower Upper

106 100

91 205.0 163.3 244.9





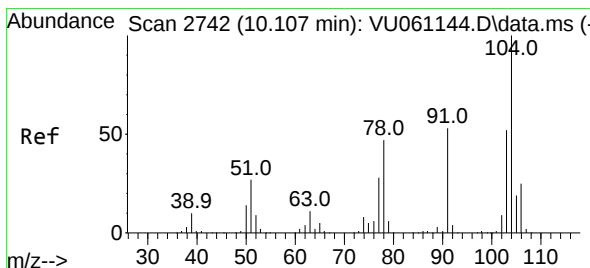
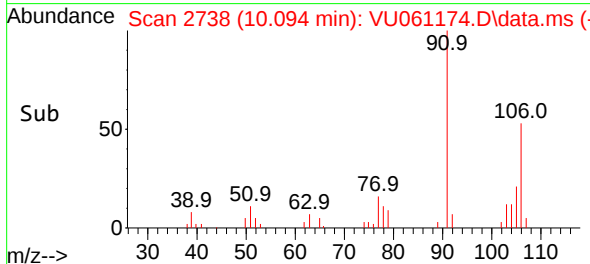
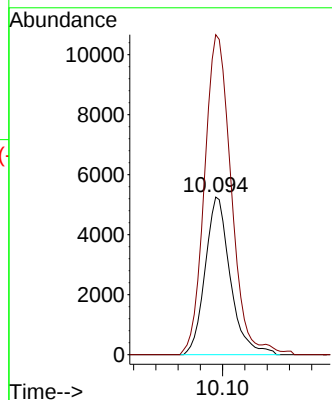
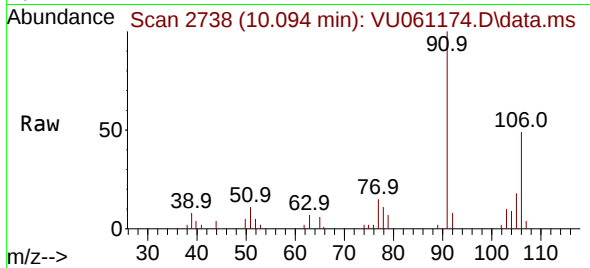
#65
o-Xylene
Concen: 0.379 ug/l
RT: 10.094 min Scan# 2737
Delta R.T. 0.003 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

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

Tgt Ion:106 Resp: 824
Ion Ratio Lower Upper
106 100
91 216.8 106.9 320.8

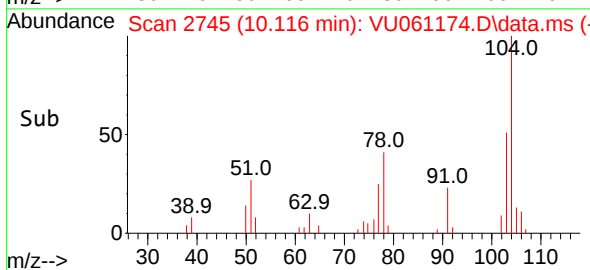
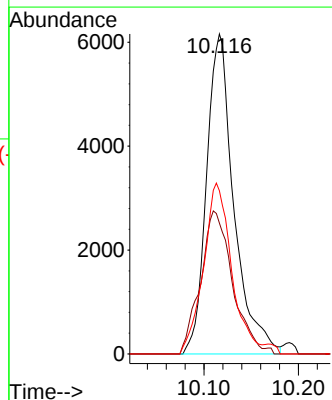
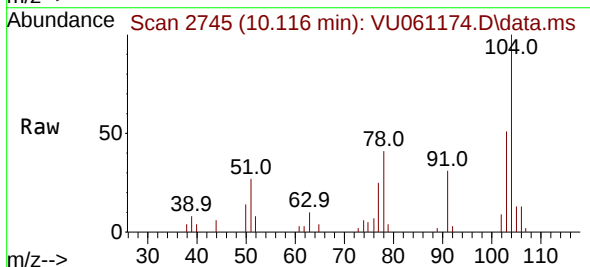
Manual Integrations
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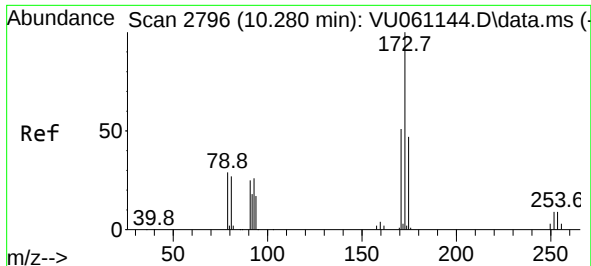
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#66
Styrene
Concen: 0.365 ug/l
RT: 10.116 min Scan# 2745
Delta R.T. 0.010 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

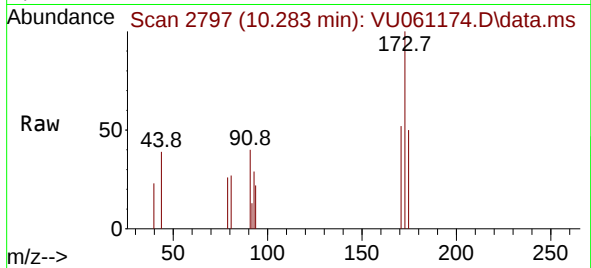
Tgt Ion:104 Resp: 12374
Ion Ratio Lower Upper
104 100
78 52.4 41.6 62.4
103 55.0 45.0 67.6





#67
Bromoform
Concen: 0.341 ug/l
RT: 10.283 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

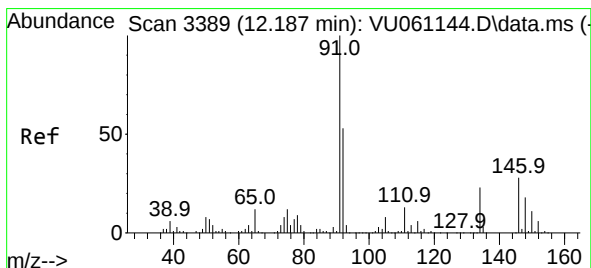
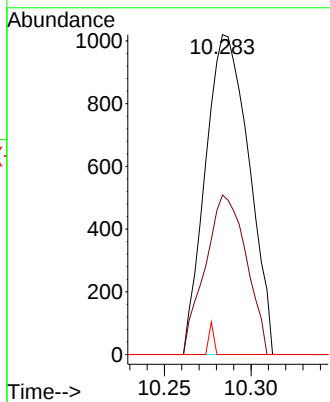
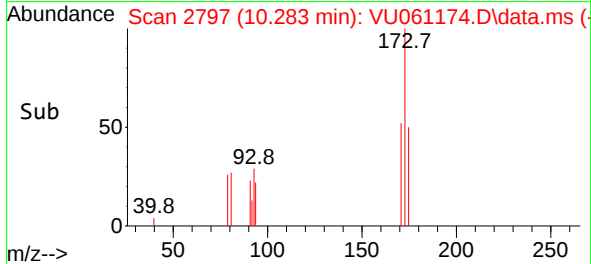
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024



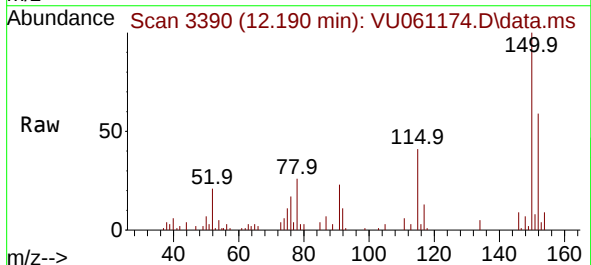
Tgt Ion:173 Resp: 1779
Ion Ratio Lower Upper
173 100
175 47.2 37.8 56.8
254 1.1 7.0 10.4

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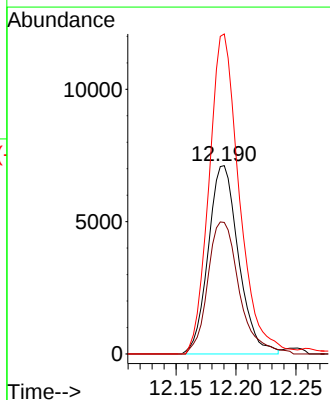
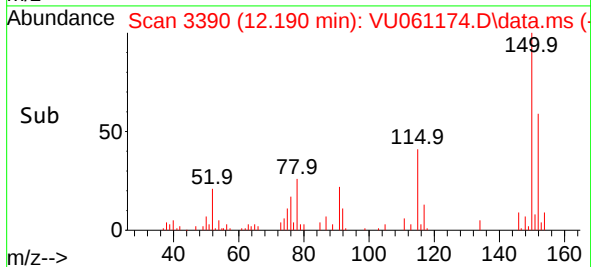
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

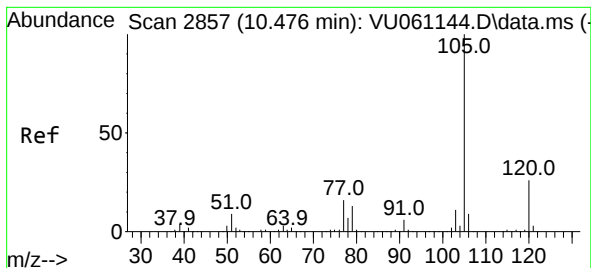


#68
1,2-Dichlorobenzene-d4
Concen: 0.952 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. 0.003 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06



Tgt Ion:152 Resp: 12510
Ion Ratio Lower Upper
152 100
115 72.7 0.0 275.0
150 170.1 0.0 668.8





#69

Isopropylbenzene

Concen: 0.356 ug/l

RT: 10.480 min Scan# 2857

Delta R.T. 0.003 min

Lab File: VU061174.D

Acq: 21 Oct 2024 16:06

Instrument :

MSVOA_U

ClientSampleId :

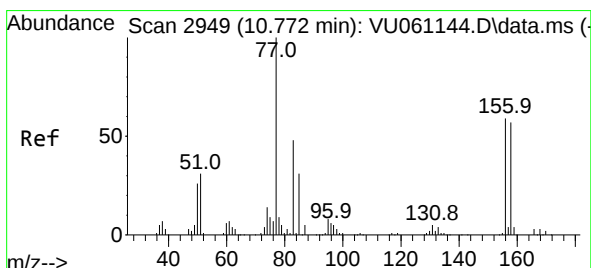
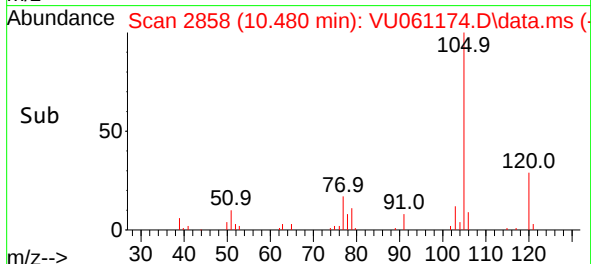
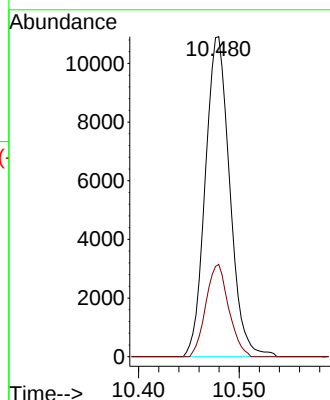
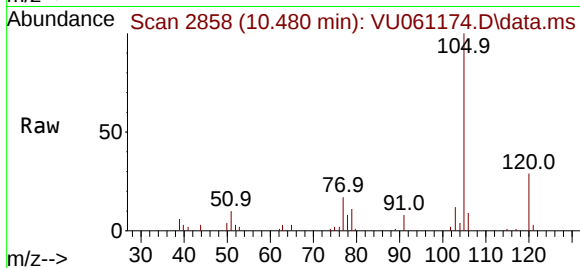
MDL-WATER-03-QT4-2024

Tgt Ion:105 Resp: 18454
 Ion Ratio Lower Upper
 105 100
 120 26.9 13.1 39.1

Manual Integrations

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



#70

1,1,2,2-Tetrachloroethane

Concen: 0.366 ug/l

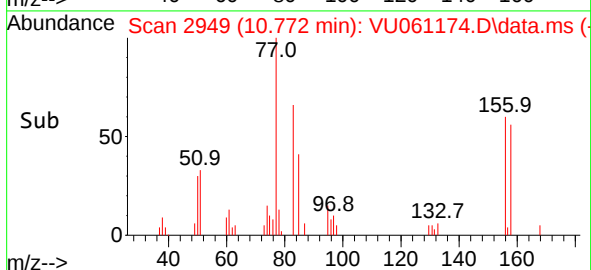
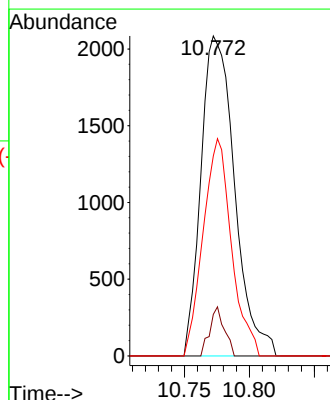
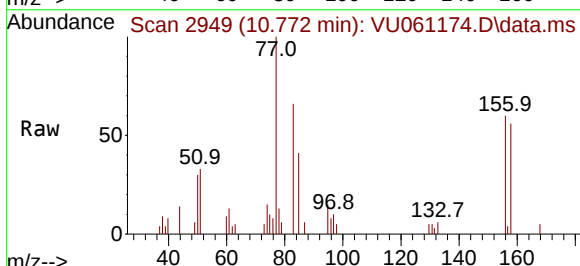
RT: 10.772 min Scan# 2949

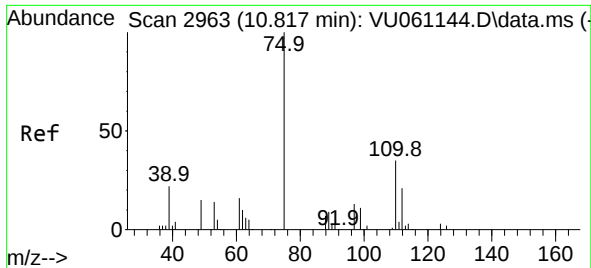
Delta R.T. 0.000 min

Lab File: VU061174.D

Acq: 21 Oct 2024 16:06

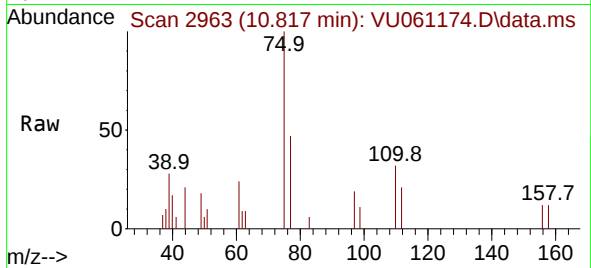
Tgt Ion: 83 Resp: 3755
 Ion Ratio Lower Upper
 83 100
 131 6.6 7.8 11.8#
 85 57.2 50.8 76.2





#71
1,2,3-Trichloropropane
Concen: 0.425 ug/l m
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

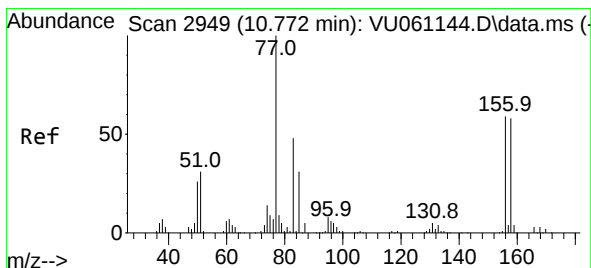
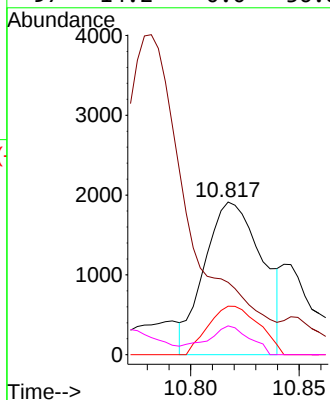
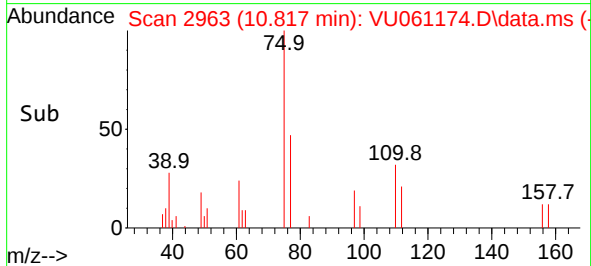
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT4-2024



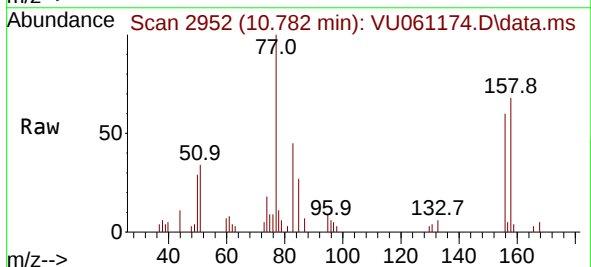
Tgt Ion: 75 Resp: 3549
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 27.8 0.0 68.6
97 14.2 0.0 36.8

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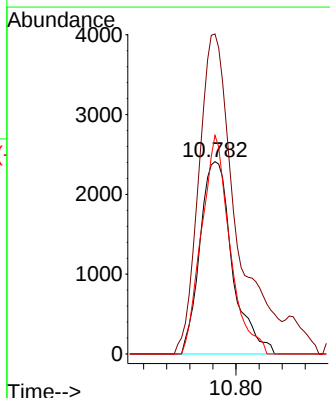
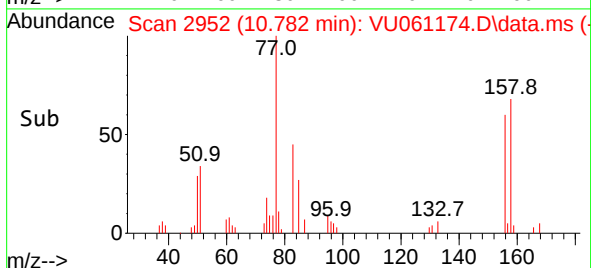
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

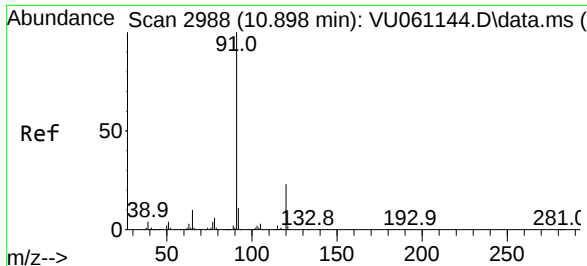


#72
Bromobenzene
Concen: 0.376 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.010 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06



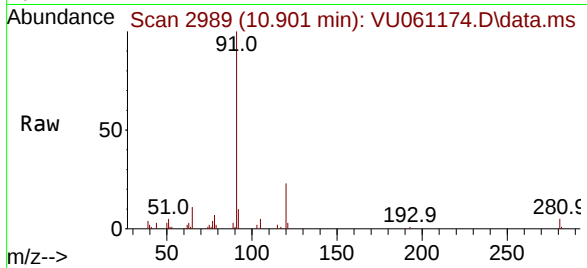
Tgt Ion:156 Resp: 4688
Ion Ratio Lower Upper
156 100
77 191.0 0.0 337.2
158 99.9 0.0 192.8





#73
n-propylbenzene
Concen: 0.340 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.003 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

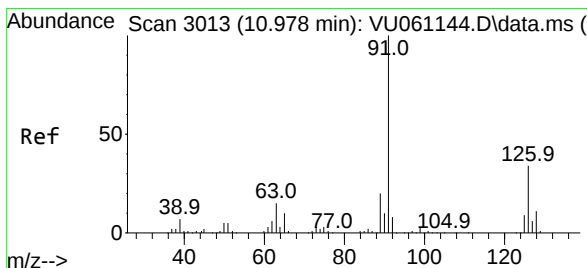
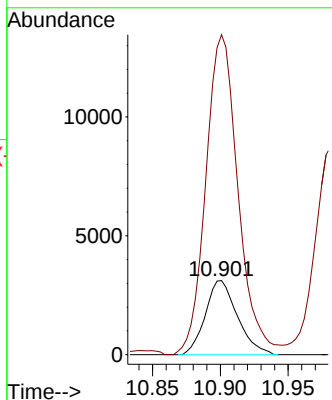
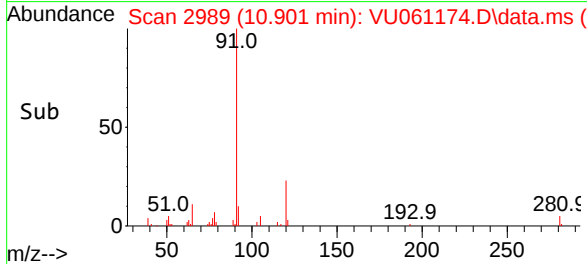
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024



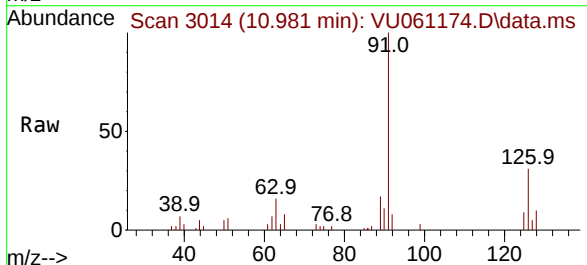
Tgt Ion:120 Resp: 513
Ion Ratio Lower Upper
120 100
91 434.8 353.6 530.4

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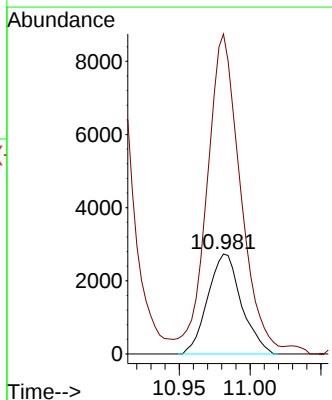
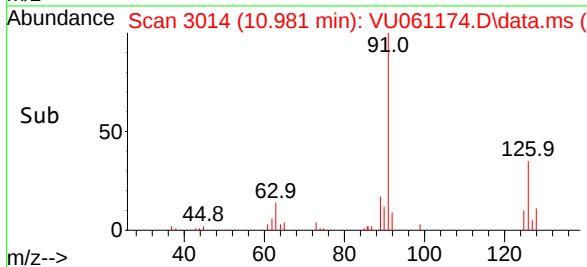
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

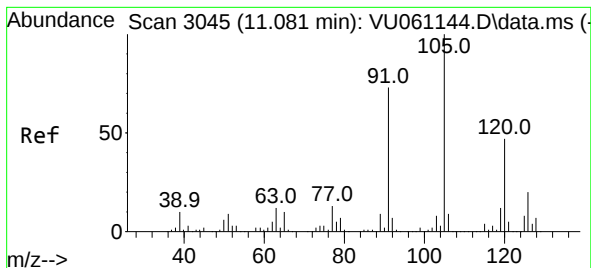


#74
2-Chlorotoluene
Concen: 0.344 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06



Tgt Ion:126 Resp: 4503
Ion Ratio Lower Upper
126 100
91 303.7 0.0 595.2





#75

1,3,5-Trimethylbenzene

Concen: 0.358 ug/l

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU061174.D

Acq: 21 Oct 2024 16:06

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion:105 Resp: 16704

Ion Ratio Lower Upper

105 100

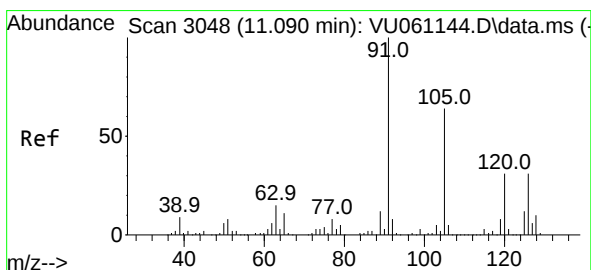
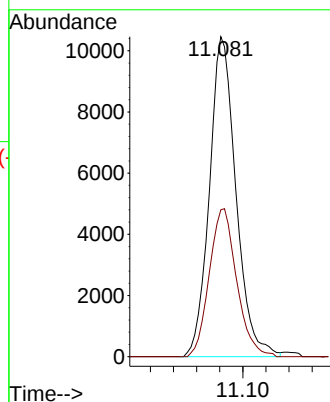
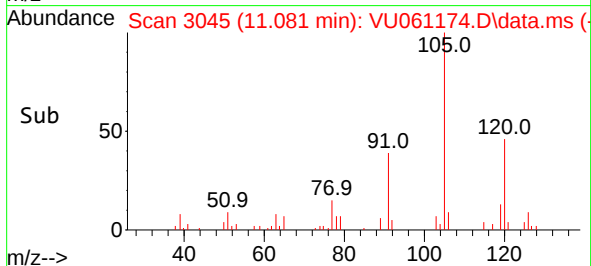
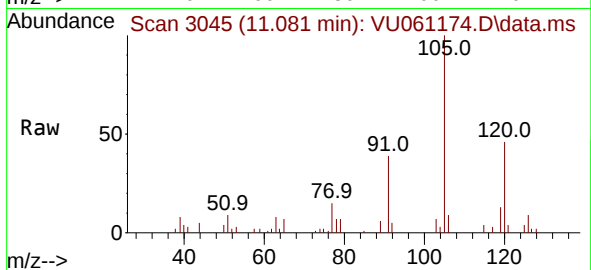
120 47.6 38.0 57.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#76

4-Chlorotoluene

Concen: 0.341 ug/l

RT: 11.097 min Scan# 3050

Delta R.T. 0.006 min

Lab File: VU061174.D

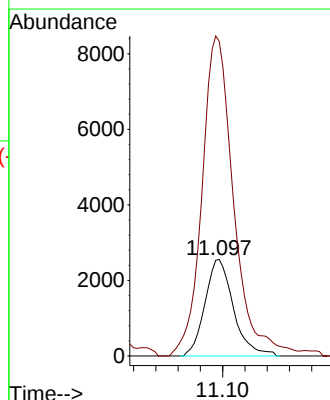
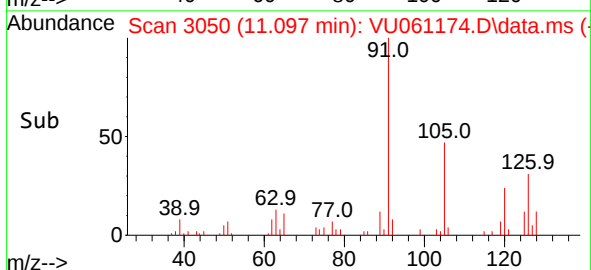
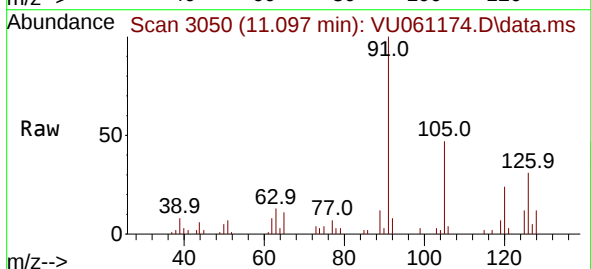
Acq: 21 Oct 2024 16:06

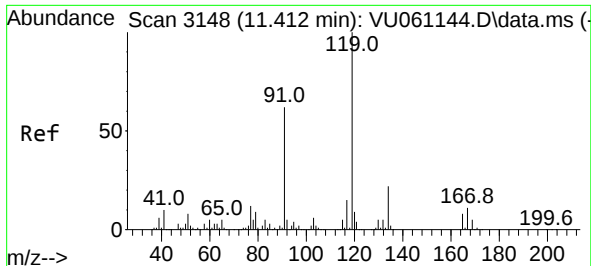
Tgt Ion:126 Resp: 4534

Ion Ratio Lower Upper

126 100

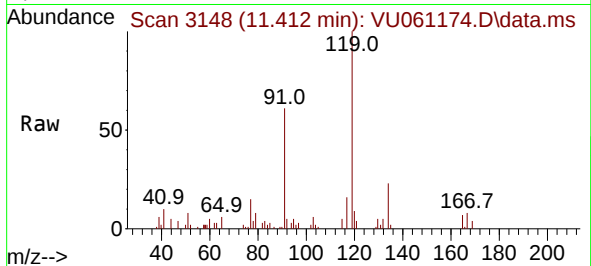
91 368.3 0.0 678.2





#77
tert-Butylbenzene
Concen: 0.368 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. 0.000 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

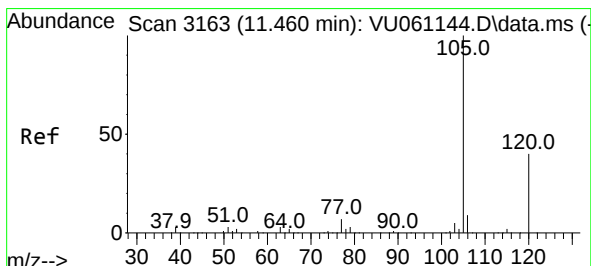
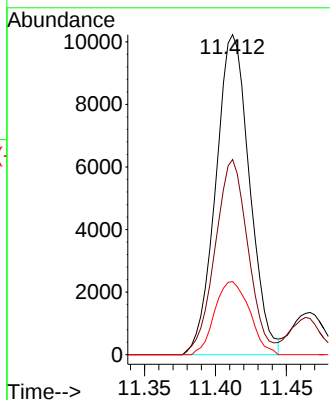
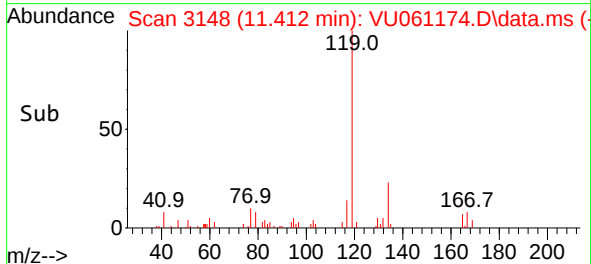
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2024



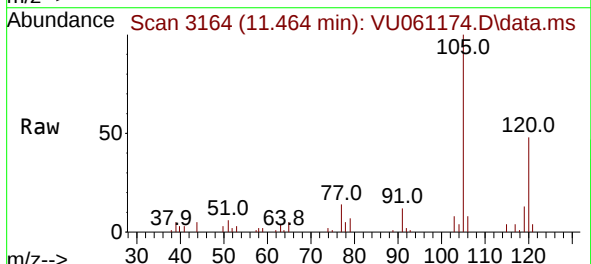
Tgt Ion:119 Resp: 16972
Ion Ratio Lower Upper
119 100
91 59.6 30.1 90.5
134 23.5 17.5 26.3

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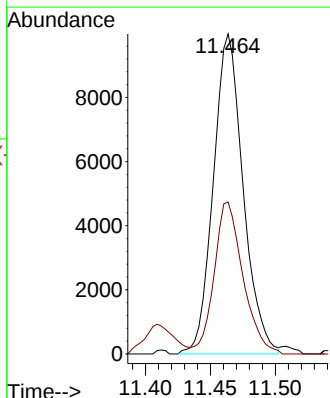
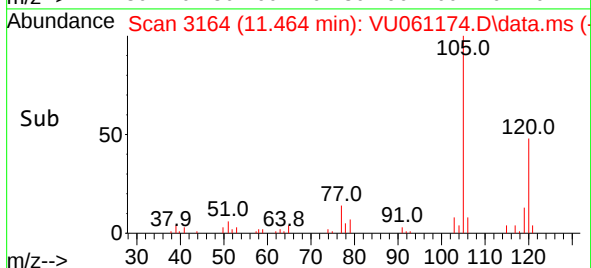
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

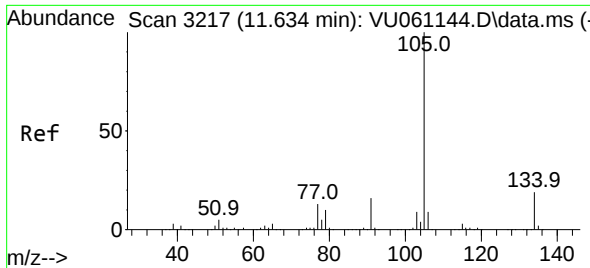


#78
1,2,4-Trimethylbenzene
Concen: 0.337 ug/l
RT: 11.464 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06



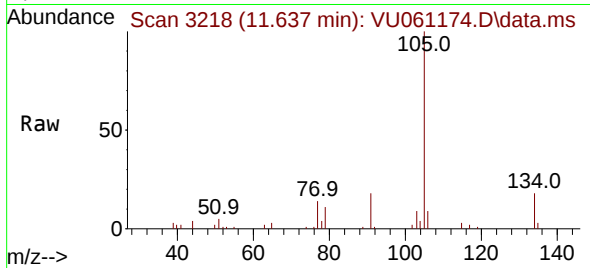
Tgt Ion:105 Resp: 15897
Ion Ratio Lower Upper
105 100
120 45.9 22.3 66.9





#79
 sec-Butylbenzene
 Concen: 0.341 ug/l
 RT: 11.637 min Scan# 3217
 Delta R.T. 0.003 min
 Lab File: VU061174.D
 Acq: 21 Oct 2024 16:06

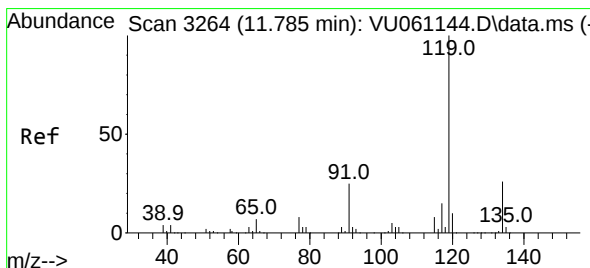
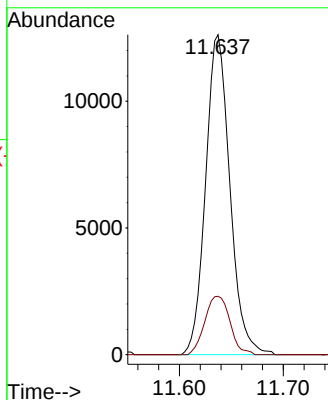
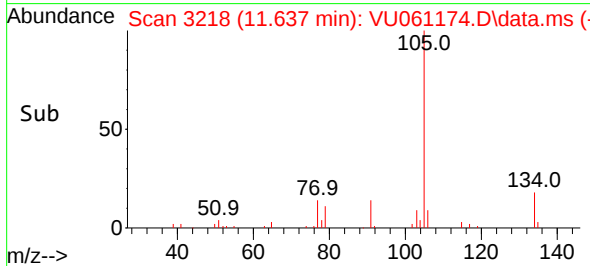
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT4-2024



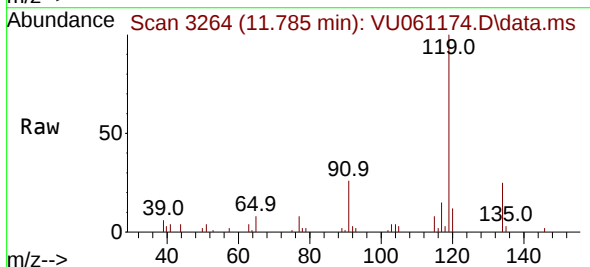
Tgt Ion:105 Resp: 20490
 Ion Ratio Lower Upper
 105 100
 134 18.9 15.5 23.3

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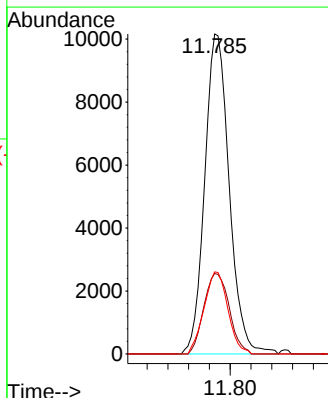
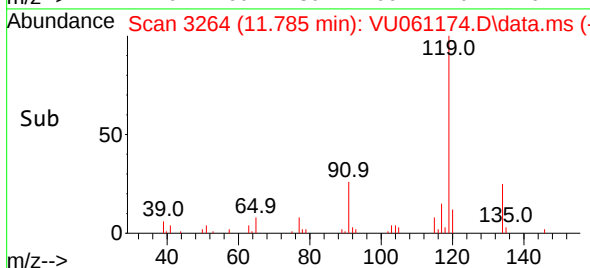
Reviewed By :Mahesh Dadoda 10/25/2024
 Supervised By :Semsettin Yesilyurt 10/25/2024

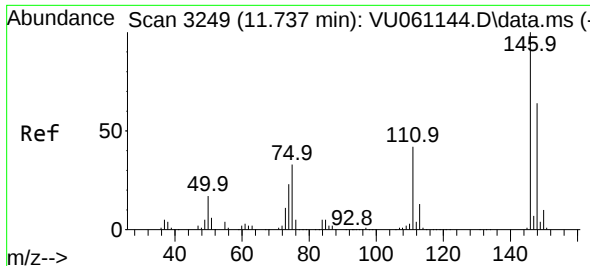


#81
 p-Isopropyltoluene
 Concen: 0.334 ug/l
 RT: 11.785 min Scan# 3264
 Delta R.T. 0.000 min
 Lab File: VU061174.D
 Acq: 21 Oct 2024 16:06



Tgt Ion:119 Resp: 16642
 Ion Ratio Lower Upper
 119 100
 134 26.0 21.0 31.6
 91 24.9 19.8 29.8





#82

1,3-Dichlorobenzene

Concen: 0.354 ug/l

RT: 11.746 min Scan# 31

Delta R.T. 0.010 min

Lab File: VU061174.D

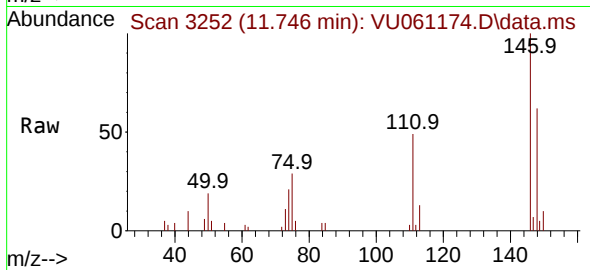
Acq: 21 Oct 2024 16:06

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT4-2024



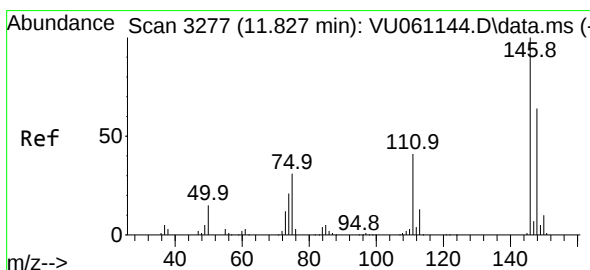
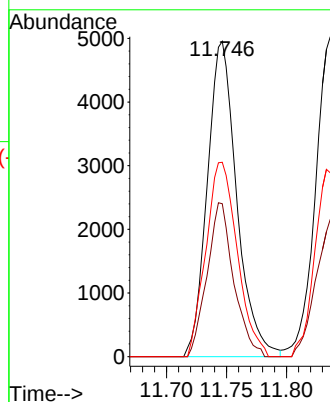
Tgt Ion:146 Resp: 846

Ion	Ratio	Lower	Upper
146	100		
111	44.3	34.1	51.1
148	65.7	51.2	76.8

Manual Integrations

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



#83

1,4-Dichlorobenzene

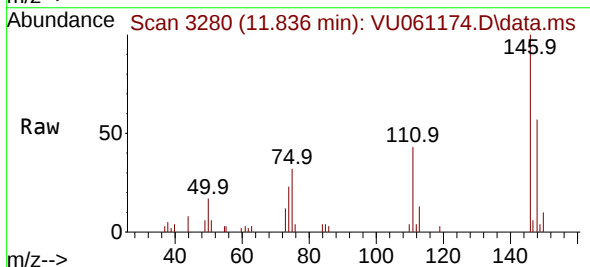
Concen: 0.364 ug/l

RT: 11.836 min Scan# 3280

Delta R.T. 0.010 min

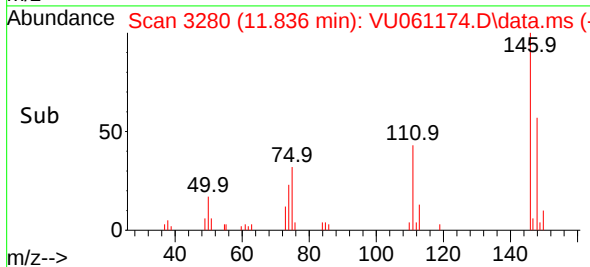
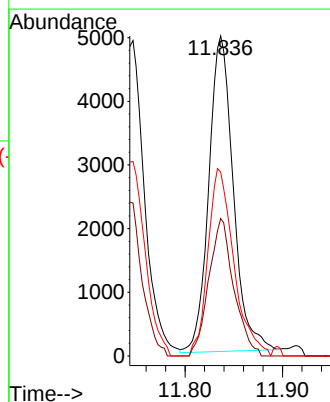
Lab File: VU061174.D

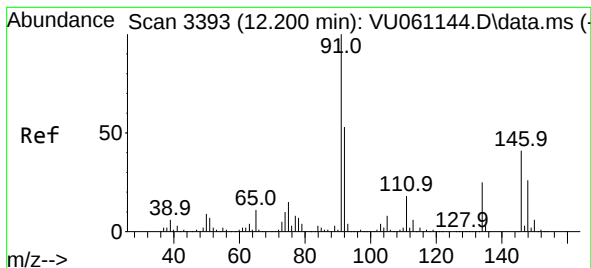
Acq: 21 Oct 2024 16:06



Tgt Ion:146 Resp: 8664

Ion	Ratio	Lower	Upper
146	100		
111	44.3	32.1	48.1
148	62.6	50.3	75.5





#84

n-Butylbenzene

Concen: 0.311 ug/l

RT: 12.206 min Scan# 3395

Delta R.T. 0.007 min

Lab File: VU061174.D

Acq: 21 Oct 2024 16:06

Instrument :

MSVOA_U

ClientSampleId :

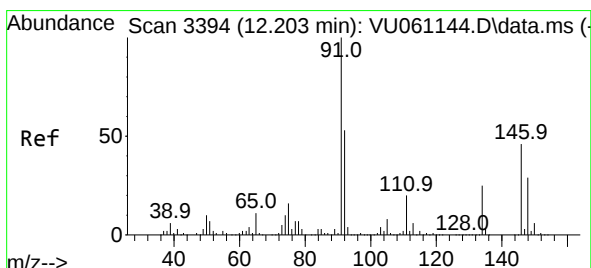
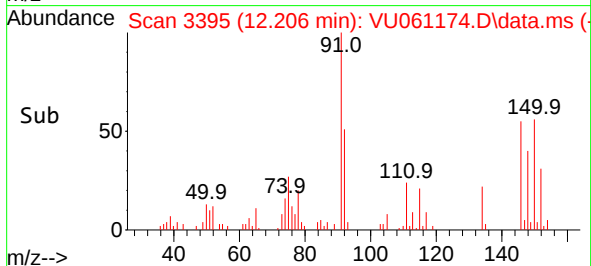
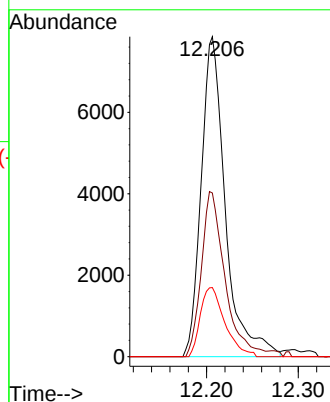
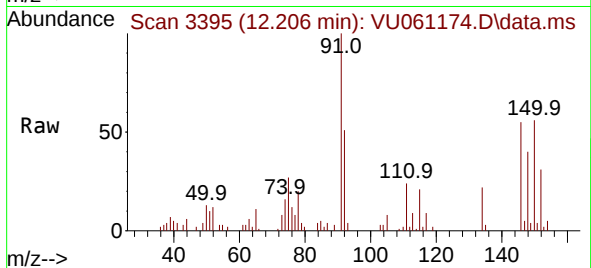
MDL-WATER-03-QT4-2024

Tgt Ion:	91	Resp:	1435
Ion Ratio	Lower	Upper	
91	100		
92	50.6	41.8	62.8
134	22.0	19.7	29.5

Manual Integrations

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



#85

1,2-Dichlorobenzene

Concen: 0.373 ug/l

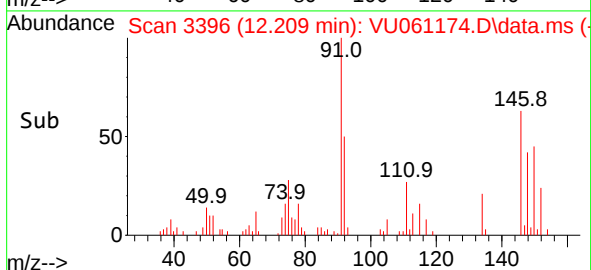
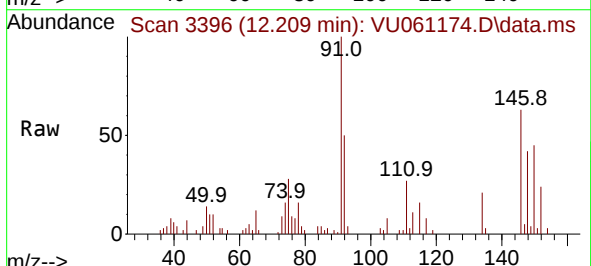
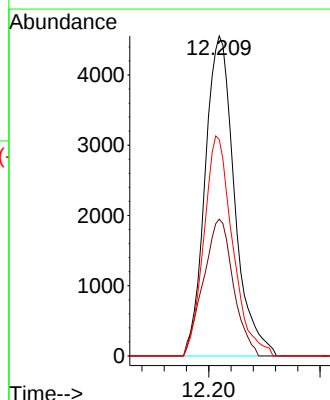
RT: 12.209 min Scan# 3396

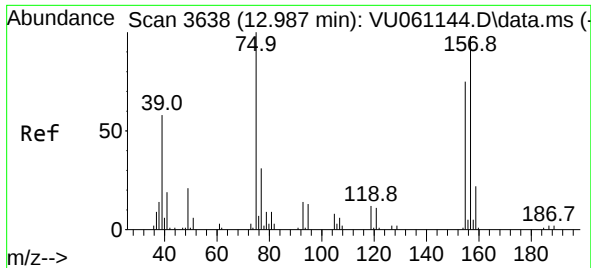
Delta R.T. 0.007 min

Lab File: VU061174.D

Acq: 21 Oct 2024 16:06

Tgt Ion:	146	Resp:	8328
Ion Ratio	Lower	Upper	
146	100		
111	43.7	21.9	65.7
148	67.3	31.9	95.5





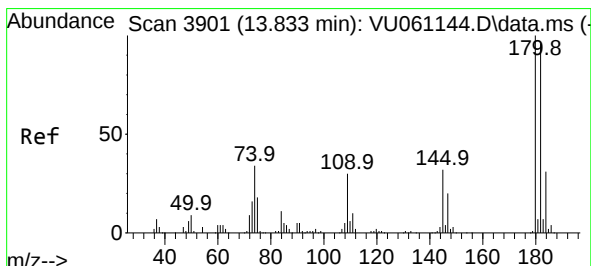
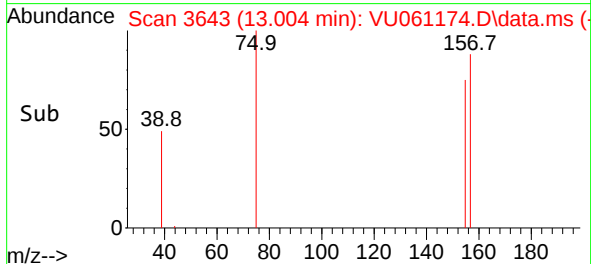
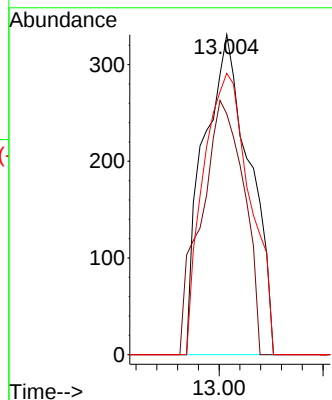
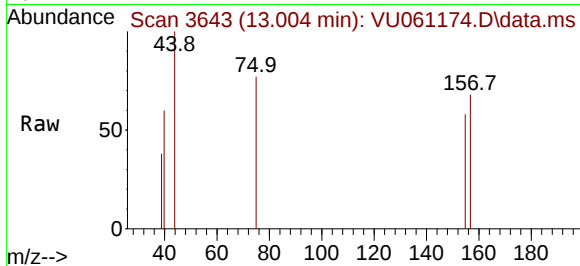
#86
1,2-Dibromo-3-Chloropropane
Concen: 0.335 ug/l
RT: 13.004 min Scan# 3643
Delta R.T. 0.016 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

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

Tgt Ion: 75 Resp: 509
Ion Ratio Lower Upper
75 100
155 73.7 61.4 92.0
157 89.2 78.5 117.7

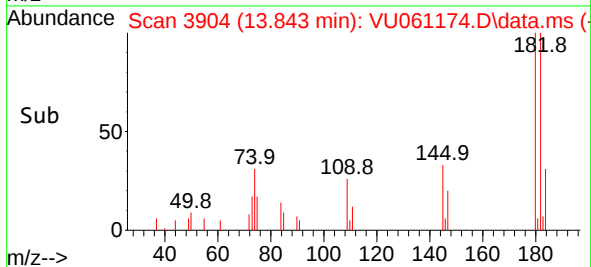
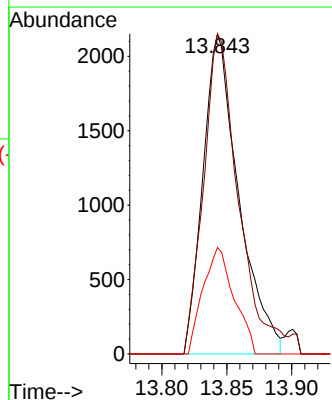
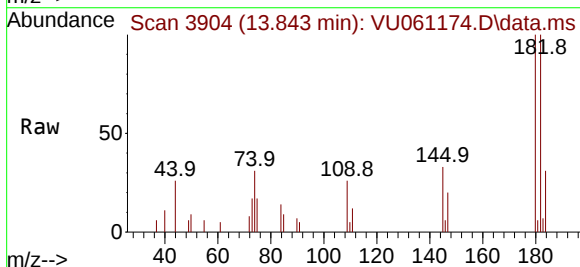
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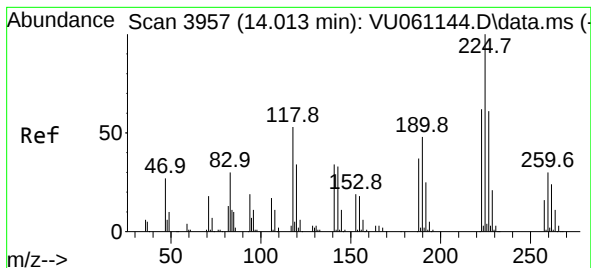
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#87
1,2,4-Trichlorobenzene
Concen: 0.322 ug/l
RT: 13.843 min Scan# 3904
Delta R.T. 0.010 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

Tgt Ion:180 Resp: 4114
Ion Ratio Lower Upper
180 100
182 98.7 77.0 115.6
145 28.9 25.7 38.5





#88

Hexachlorobutadiene

Concen: 0.339 ug/l

RT: 14.013 min Scan# 3957

Delta R.T. 0.000 min

Lab File: VU061174.D

Acq: 21 Oct 2024 16:06

Instrument :

MSVOA_U

ClientSampleId :

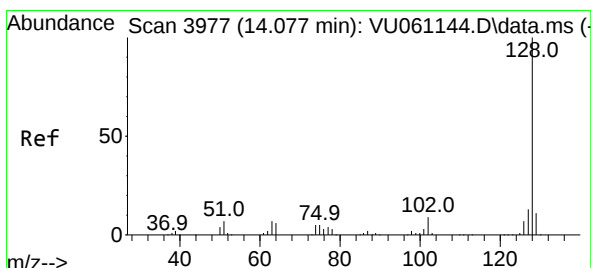
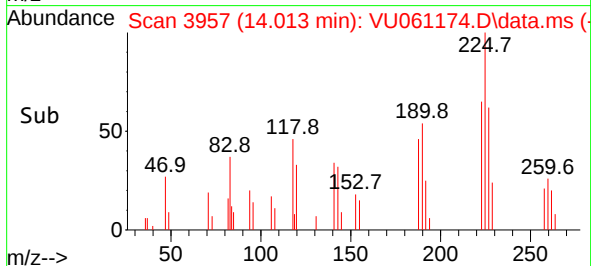
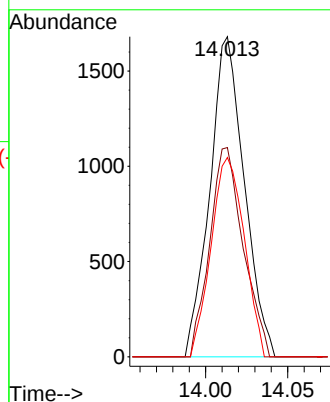
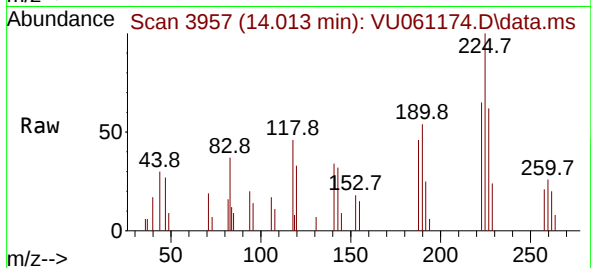
MDL-WATER-03-QT4-2024

Tgt Ion:	225	Resp:	245
Ion Ratio	Lower	Upper	
225	100		
223	63.5	51.4	77.2
227	59.8	50.3	75.5

Manual Integrations

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



#89

Naphthalene

Concen: 0.318 ug/l

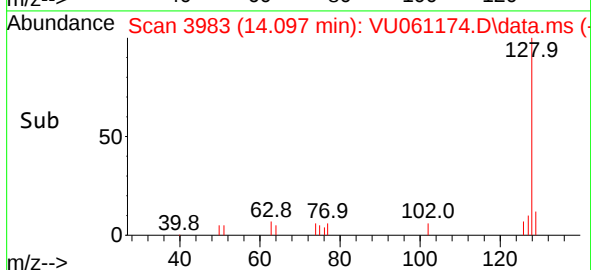
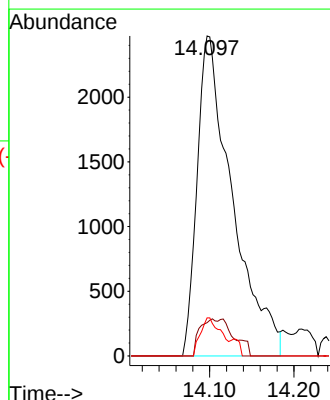
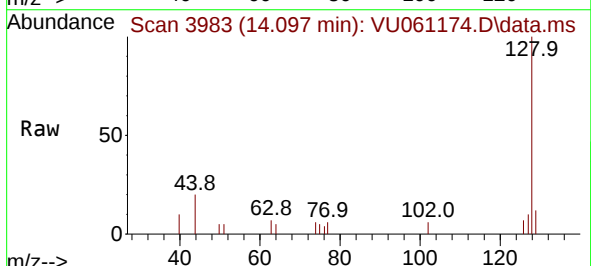
RT: 14.097 min Scan# 3983

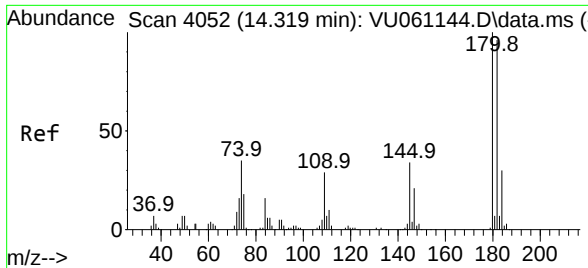
Delta R.T. 0.019 min

Lab File: VU061174.D

Acq: 21 Oct 2024 16:06

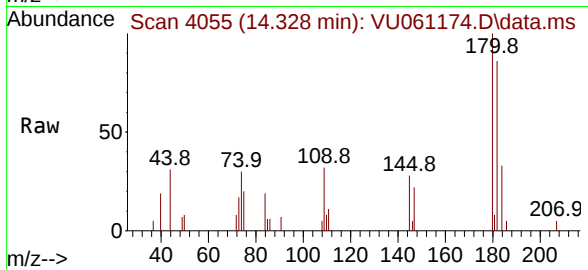
Tgt Ion:	128	Resp:	7165
Ion Ratio	Lower	Upper	
128	100		
127	6.0	10.6	16.0#
129	6.9	8.7	13.1#





#90
1,2,3-Trichlorobenzene
Concen: 0.338 ug/l
RT: 14.328 min Scan# 4055
Delta R.T. 0.010 min
Lab File: VU061174.D
Acq: 21 Oct 2024 16:06

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



Tgt Ion	Ratio	Lower	Upper
180	100		
182	88.4	76.2	114.4
145	29.8	26.8	40.2

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