

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101724\
 Data File : VU061152.D
 Acq On : 17 Oct 2024 19:31
 Operator : MD/SY
 Sample : P4368-07 0.8PPB
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Oct 18 04:27:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101724DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Oct 18 04:25:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2024
 Supervised By :Mahesh Dadoda 10/21/2024

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

Internal Standards						
1) Fluorobenzene	6.113	96	26722	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	14133	0.995	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	13298	0.951	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	12223	0.830	ug/l	99
3) Chloromethane	1.515	50	13483	0.963	ug/l	98
4) Vinyl Chloride	1.599	62	13158	0.915	ug/l	98
5) Bromomethane	1.853	94	8438	0.934	ug/l	99
6) Chloroethane	1.930	64	9125	0.947	ug/l	99
7) Trichlorofluoromethane	2.132	101	17858	0.873	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	7963	0.783	ug/l	97
9) 1,1-Dichloroethene	2.573	96	9567	0.902	ug/l	98
10) Iodomethane	2.718	142	10530	0.835	ug/l	99
11) Allyl Chloride	2.917	41	12681	0.929	ug/l	99
12) Acrylonitrile	3.348	53	3525	1.653	ug/l	# 90
13) Acetone	2.657	43	10125	3.641	ug/l	90
14) Carbon Disulfide	2.788	76	31449	0.861	ug/l	99
15) Methylene Chloride	3.039	84	12507	0.912	ug/l	98
16) trans-1,2-Dichloroethene	3.348	96	10999	0.885	ug/l	96
17) 1,1-Dichloroethane	3.859	63	21074	0.956	ug/l	99
18) 2-Butanone	4.734	43	11357	3.335	ug/l	95
19) Cyclohexane	5.377	56	15838m	0.802	ug/l	
20) Methylcyclohexane	6.753	83	15823	0.719	ug/l	99
21) 2,2-Dichloropropane	4.656	77	17851	0.878	ug/l	97
22) cis-1,2-Dichloroethene	4.660	96	12181	0.899	ug/l	99
23) Diethyl Ether	2.374	59	8022	0.974	ug/l	97
24) tert-Butyl Alcohol	3.255	59	7416m	8.627	ug/l	
25) Methyl tert-Butyl Ether	3.357	73	25549	0.899	ug/l	94
26) Bromochloromethane	4.968	128	5153	0.910	ug/l	99
27) Chloroform	5.081	83	21905	0.948	ug/l	91
28) 1,1,1-Trichloroethane	5.306	97	17866	0.877	ug/l	98
29) 1,1-Dichloropropene	5.521	75	15488	0.860	ug/l	95
30) Carbon Tetrachloride	5.515	117	15364	0.869	ug/l	96
31) Isopropyl Ether	3.984	45	28306	0.900	ug/l	98
32) Ethyl-t-butyl ether	4.496	59	30501	0.943	ug/l	99
33) Tert-Amyl methyl ether	5.933	73	27060	0.930	ug/l	97
34) Propionitrile	4.814	54	3182	3.917	ug/l	# 72
35) Benzene	5.769	78	46437	0.915	ug/l	98
36) 1,2-Dichloroethane	5.791	62	12931	0.903	ug/l	97
37) Trichloroethene	6.537	130	11864	0.876	ug/l	99
38) 1,2-Dichloropropane	6.785	63	12060	0.939	ug/l	98
39) Methacrylonitrile	4.991	41	2937	1.004	ug/l	# 74
40) Methyl acrylate	4.885	55	4877m	0.822	ug/l	
41) Tetrahydrofuran	5.071	42	3411	1.941	ug/l	# 81
42) 1-Chlorobutane	5.451	56	19698	0.852	ug/l	99
43) Dibromomethane	6.914	93	6328	0.950	ug/l	94
44) Bromodichloromethane	7.100	83	14525	0.897	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.788	43	30006	4.487	ug/l	95
46) t-1,4-Dichloro-2-butene	10.830	75	4639m	1.740	ug/l	
47) Methyl methacrylate	6.962	69	9953	1.719	ug/l	95
48) Ethyl methacrylate	8.332	69	10899	0.883	ug/l	95
49) Toluene	7.965	92	28085	0.876	ug/l	99
50) t-1,3-Dichloropropene	8.209	75	13479	0.863	ug/l	94
51) cis-1,3-Dichloropropene	7.605	75	16809	0.877	ug/l	97
52) 1,1,2-Trichloroethane	8.393	97	8285	0.922	ug/l	97
53) 1,3-Dichloropropane	8.569	76	14744	0.934	ug/l	100
54) 2-Hexanone	8.685	43	21108	3.842	ug/l	94
55) Dibromochloromethane	8.801	129	9612	0.906	ug/l	98
56) 1,2-Dibromoethane	8.917	107	7784	0.903	ug/l	100
58) Tetrachloroethene	8.547	164	9471	0.825	ug/l	99
59) Chlorobenzene	9.441	112	29779	0.863	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.528	131	10466	0.899	ug/l	98
61) Pentachloroethane	11.418	117	7170	0.805	ug/l	97
62) Hexachloroethane	12.466	117	6945	0.756	ug/l	98
63) Ethyl Benzene	9.563	91	51009	0.825	ug/l	100
64) m/p-Xylenes	9.688	106	38085	1.618	ug/l	98
65) o-Xylene	10.094	106	19125	0.825	ug/l	95
66) Styrene	10.110	104	29768	0.826	ug/l	99
67) Bromoform	10.283	173	4661	0.839	ug/l #	92
69) Isopropylbenzene	10.476	105	44982	0.816	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.772	83	9759	0.894	ug/l	96
71) 1,2,3-Trichloropropane	10.817	75	7661m	0.862	ug/l	
72) Bromobenzene	10.778	156	11288	0.851	ug/l	88
73) n-propylbenzene	10.901	120	11892	0.739	ug/l	99
74) 2-Chlorotoluene	10.981	126	11496	0.826	ug/l	98
75) 1,3,5-Trimethylbenzene	11.081	105	38897	0.782	ug/l	98
76) 4-Chlorotoluene	11.090	126	11200	0.792	ug/l	93
77) tert-Butylbenzene	11.412	119	39537	0.804	ug/l	99
78) 1,2,4-Trimethylbenzene	11.460	105	38697	0.771	ug/l	98
79) sec-Butylbenzene	11.634	105	46904	0.733	ug/l	100
80) Nitrobenzene	13.254	77	767m	3.211	ug/l	
81) p-Isopropyltoluene	11.785	119	36740	0.693	ug/l	98
82) 1,3-Dichlorobenzene	11.740	146	20294	0.798	ug/l	96
83) 1,4-Dichlorobenzene	11.833	146	18970	0.748	ug/l	94
84) n-Butylbenzene	12.203	91	29933	0.609	ug/l	97
85) 1,2-Dichlorobenzene	12.206	146	20141	0.847	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.997	75	1334	0.824	ug/l	94
87) 1,2,4-Trichlorobenzene	13.836	180	8992	0.661	ug/l	96
88) Hexachlorobutadiene	14.013	225	4502	0.585	ug/l	95
89) Naphthalene	14.090	128	16349	0.681	ug/l	98
90) 1,2,3-Trichlorobenzene	14.325	180	8604	0.704	ug/l	100

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

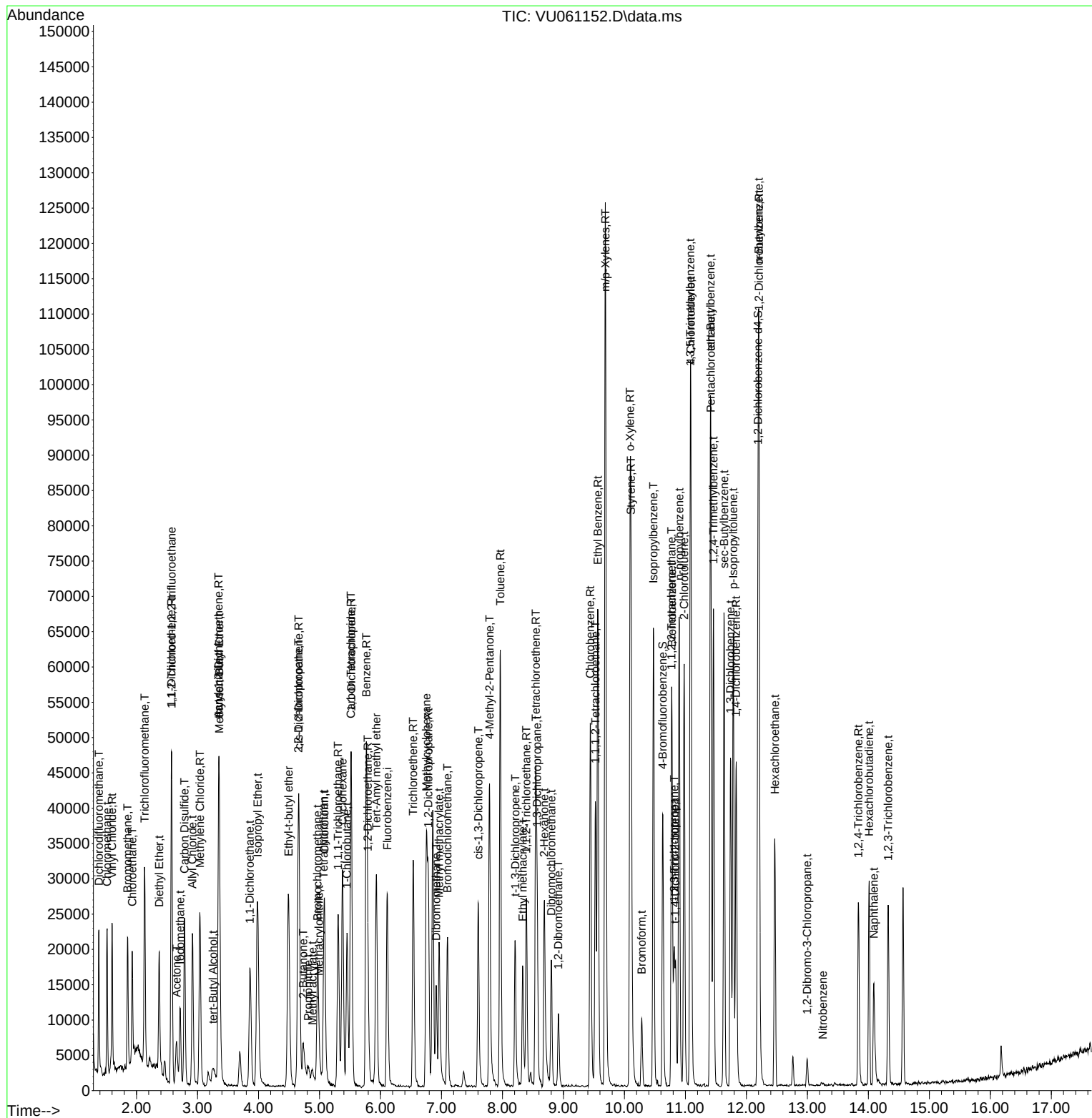
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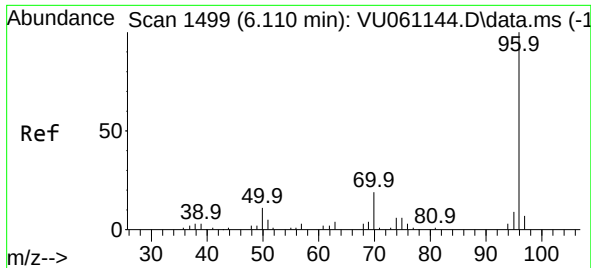
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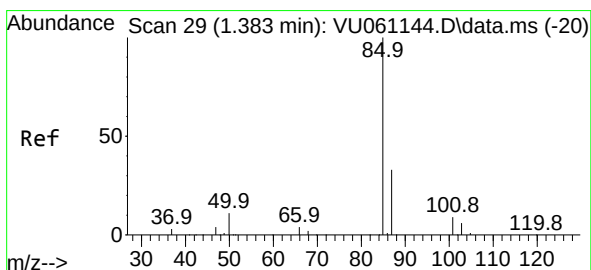
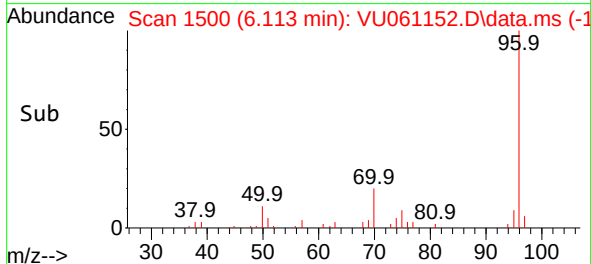
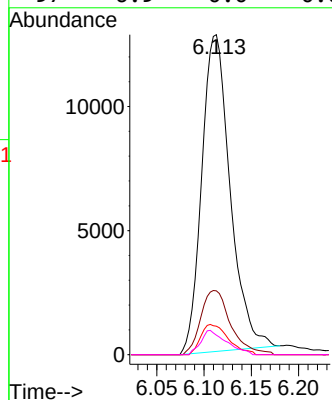
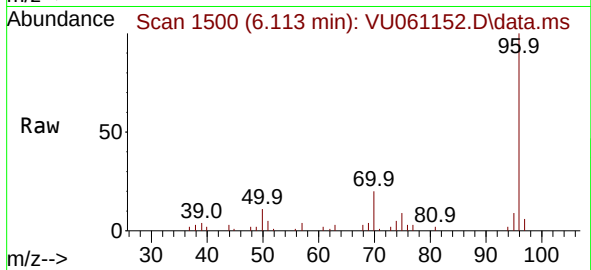
#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

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

Tgt Ion: 96	Resp: 2672
Ion Ratio	Lower Upper
96 100	
70 21.3	16.1 24.1
95 9.3	0.0 0.0
97 6.9	0.0 0.0

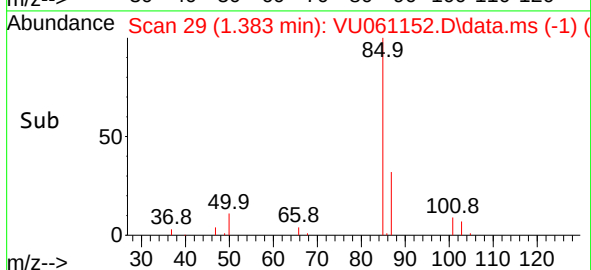
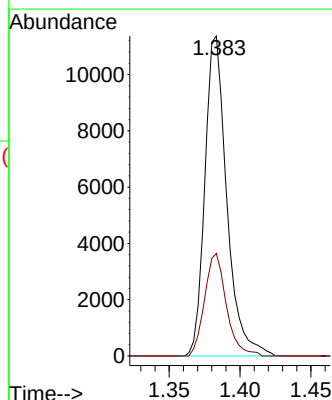
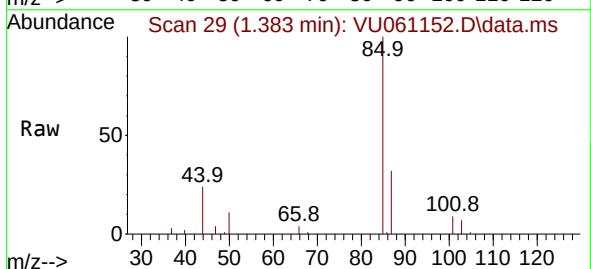
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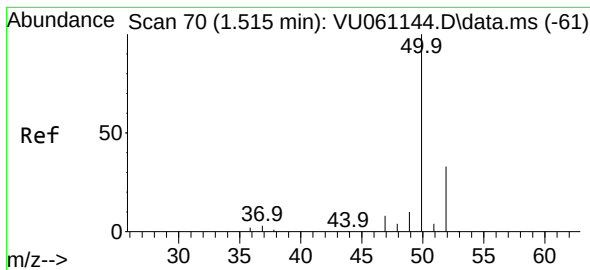
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Supervised By :Mahesh Dadoda 10/21/2024



#2
Dichlorodifluoromethane
Concen: 0.830 ug/l
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

Tgt Ion: 85	Resp: 12223
Ion Ratio	Lower Upper
85 100	
87 32.0	16.3 48.9





#3

Chloromethane

Concen: 0.963 ug/l

RT: 1.515 min Scan# 70

Delta R.T. -0.000 min

Lab File: VU061152.D

Acq: 17 Oct 2024 19:31

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 50 Resp: 1348

Ion Ratio Lower Upper

50 100

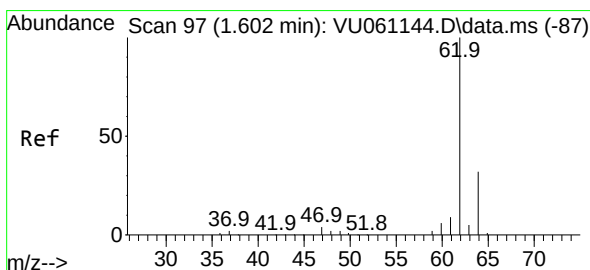
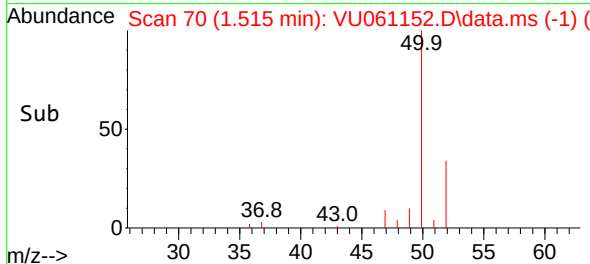
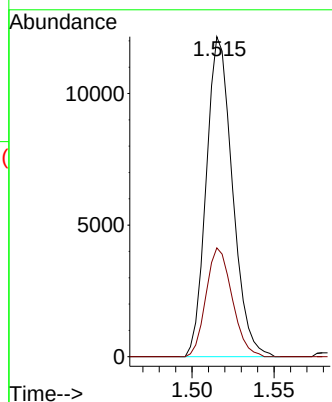
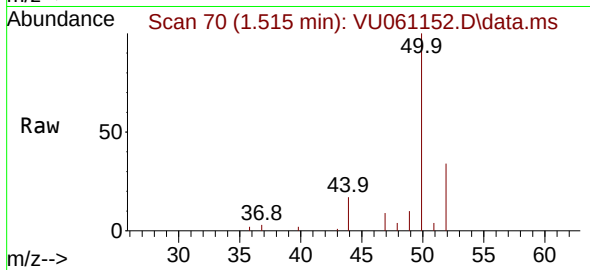
52 34.0 26.2 39.2

Manual Integrations

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Supervised By :Mahesh Dadoda 10/21/2024



#4

Vinyl Chloride

Concen: 0.915 ug/l

RT: 1.599 min Scan# 96

Delta R.T. -0.003 min

Lab File: VU061152.D

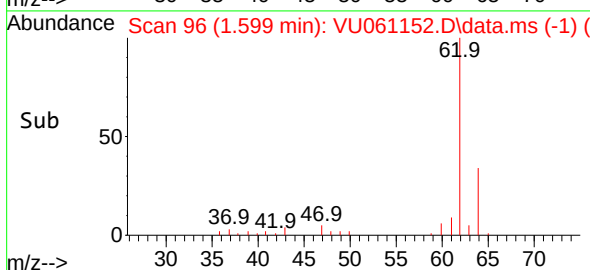
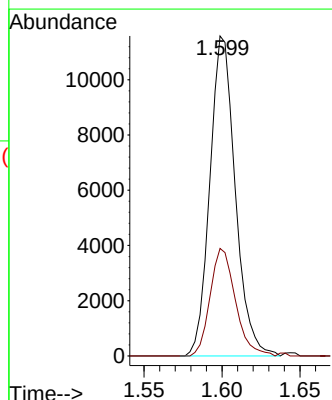
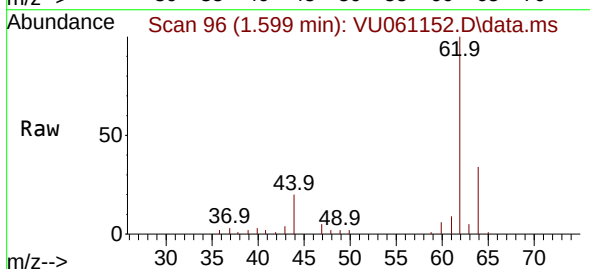
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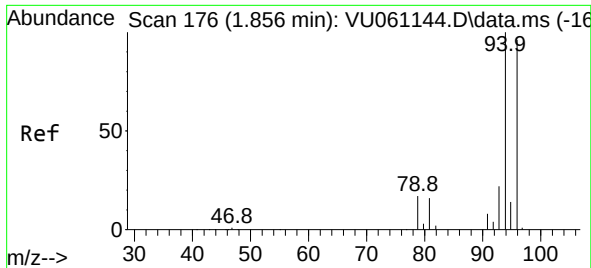
Tgt Ion: 62 Resp: 13158

Ion Ratio Lower Upper

62 100

64 33.6 25.9 38.9





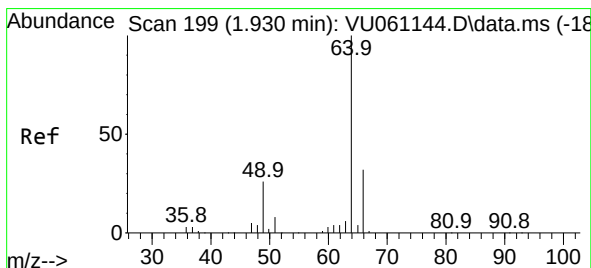
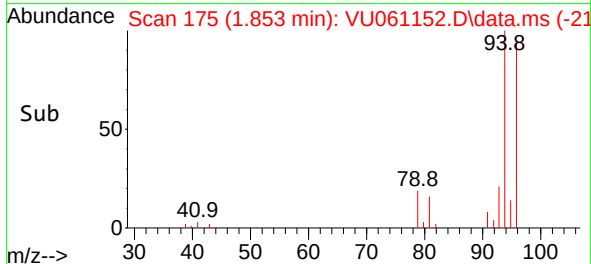
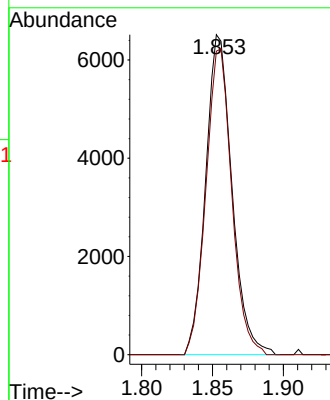
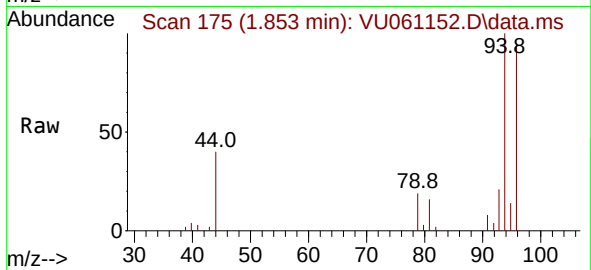
#5
Bromomethane
Concen: 0.934 ug/l
RT: 1.853 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

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

Tgt Ion: 94 Resp: 8438
Ion Ratio Lower Upper
94 100
96 94.8 76.5 114.7

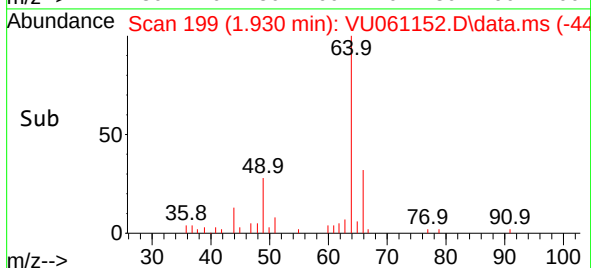
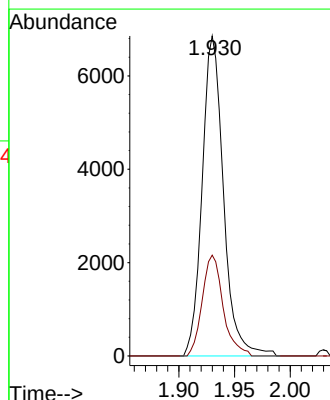
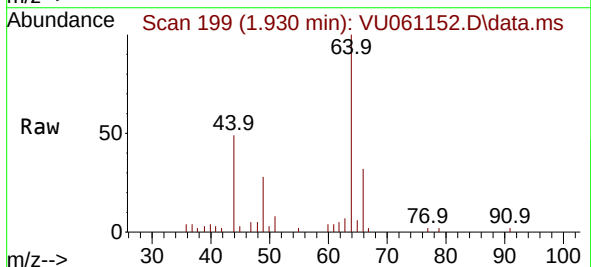
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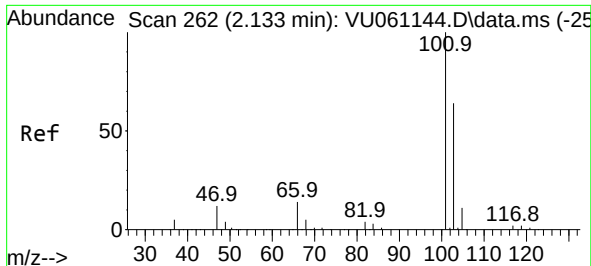
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#6
Chloroethane
Concen: 0.947 ug/l
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

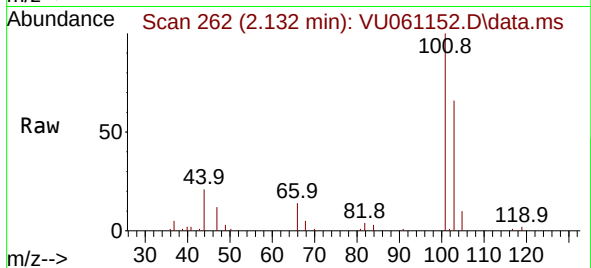
Tgt Ion: 64 Resp: 9125
Ion Ratio Lower Upper
64 100
66 31.5 25.8 38.8





#7
Trichlorofluoromethane
Concen: 0.873 ug/l
RT: 2.132 min Scan# 201
Delta R.T. -0.000 min
Lab File: VU061152.D
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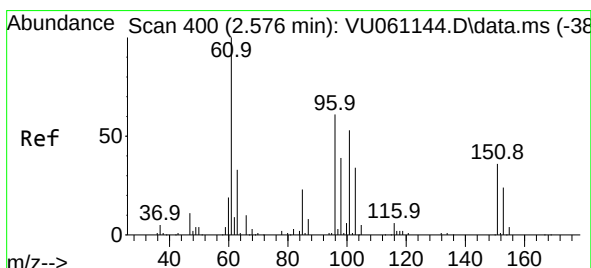
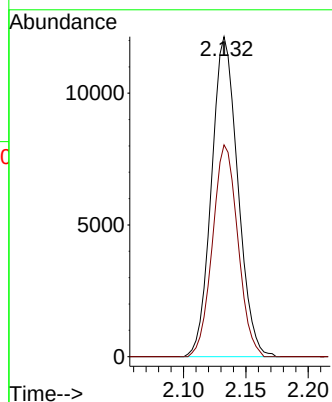
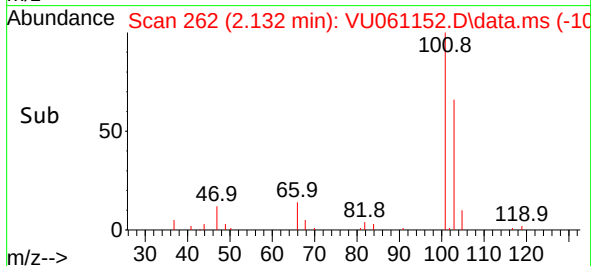
Instrument : MSVOA_U
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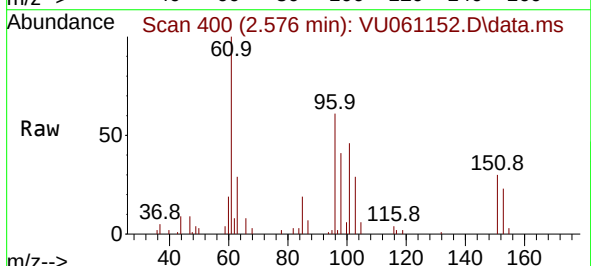
Tgt Ion:101 Resp: 1785
Ion Ratio Lower Upper
101 100
103 66.2 51.5 77.3

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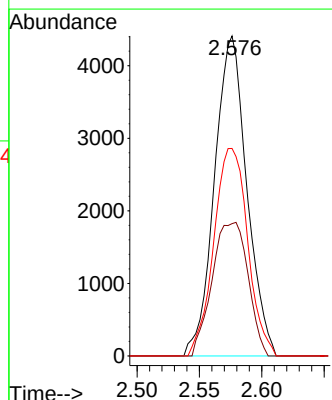
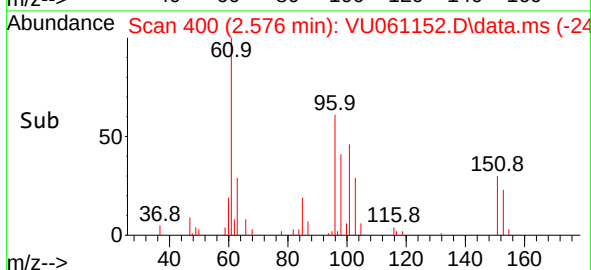
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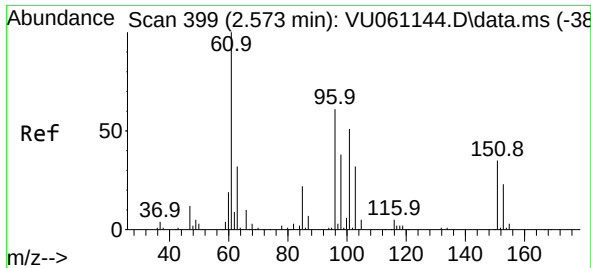


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.783 ug/l
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU061152.D
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Tgt Ion:101 Resp: 7963
Ion Ratio Lower Upper
101 100
85 46.3 35.8 53.8
151 68.1 56.2 84.4





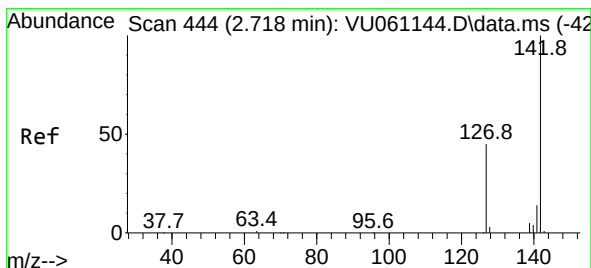
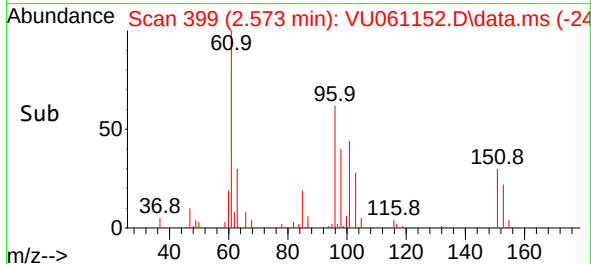
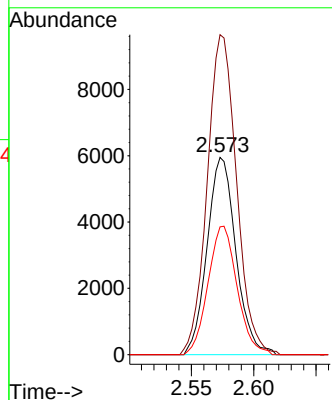
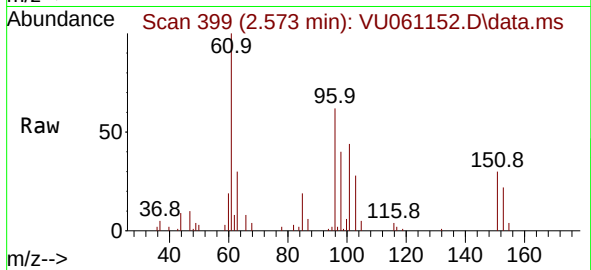
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1,1-Dichloroethene
Concen: 0.902 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU061152.D
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Tgt Ion:	96	Resp:	956
Ion	Ratio	Lower	Upper
96	100		
61	162.1	0.0	494.4
98	64.8	0.0	124.4

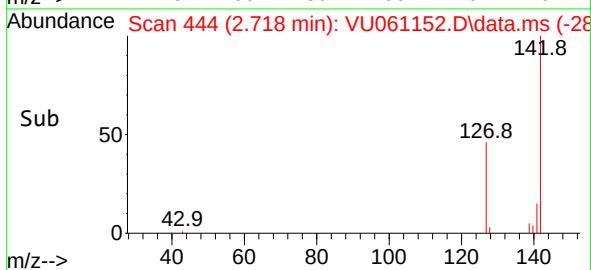
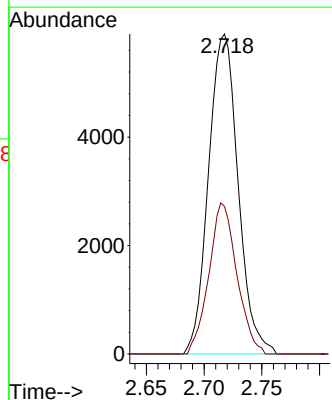
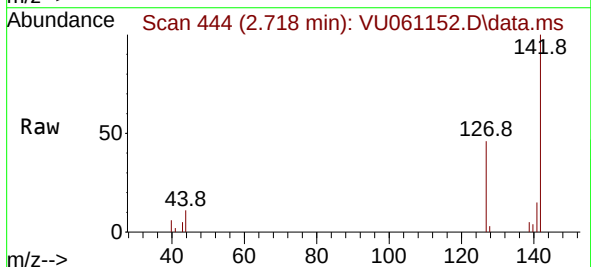
Manual Integrations
APPROVED

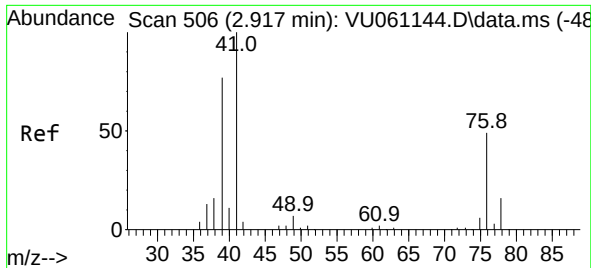
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#10
Iodomethane
Concen: 0.835 ug/l
RT: 2.718 min Scan# 444
Delta R.T. -0.000 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

Tgt Ion:	142	Resp:	10530
Ion	Ratio	Lower	Upper
142	100		
127	44.6	36.2	54.4





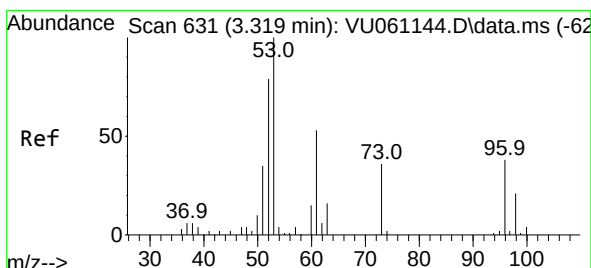
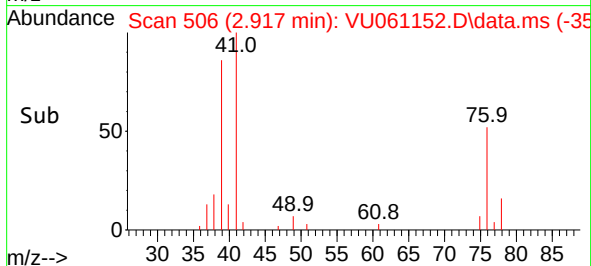
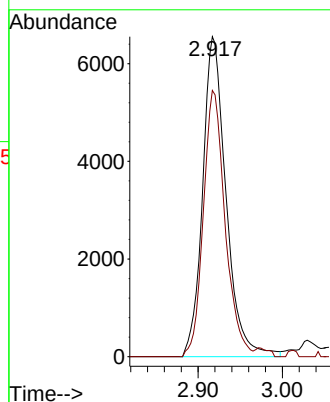
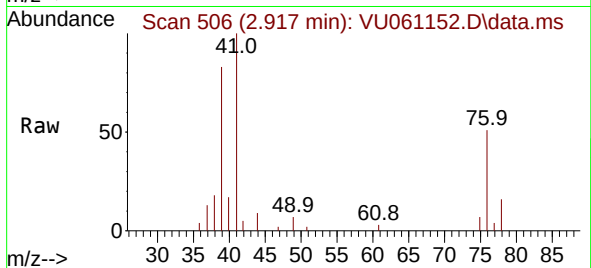
#11
 Allyl Chloride
 Concen: 0.929 ug/l
 RT: 2.917 min Scan# 506
 Delta R.T. -0.000 min
 Lab File: VU061152.D
 Acq: 17 Oct 2024 19:31

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

Tgt Ion: 41 Resp: 1268
 Ion Ratio Lower Upper
 41 100
 39 77.3 62.4 93.6

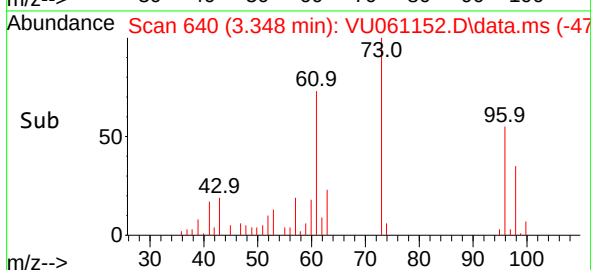
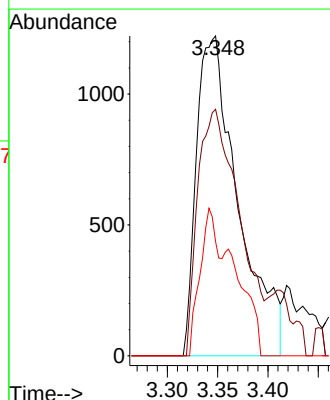
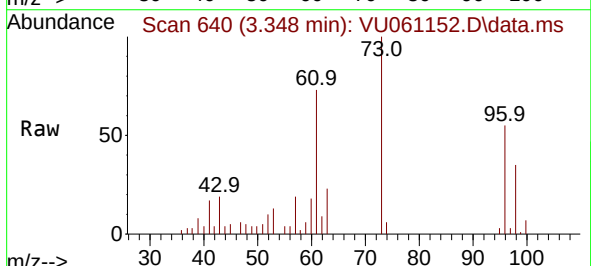
Manual Integrations
 APPROVED

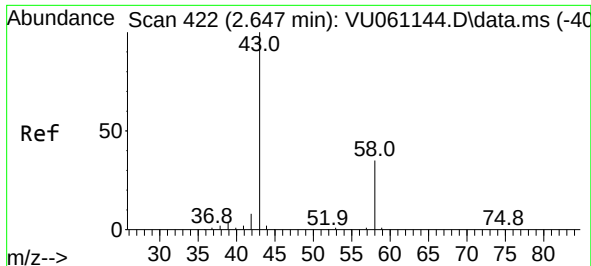
Reviewed By :Semsettin Yesilyurt 10/21/2024
 Supervised By :Mahesh Dadoda 10/21/2024



#12
 Acrylonitrile
 Concen: 1.653 ug/l
 RT: 3.348 min Scan# 640
 Delta R.T. 0.029 min
 Lab File: VU061152.D
 Acq: 17 Oct 2024 19:31

Tgt Ion: 53 Resp: 3525
 Ion Ratio Lower Upper
 53 100
 52 77.0 62.6 94.0
 51 21.0 30.7 46.1#





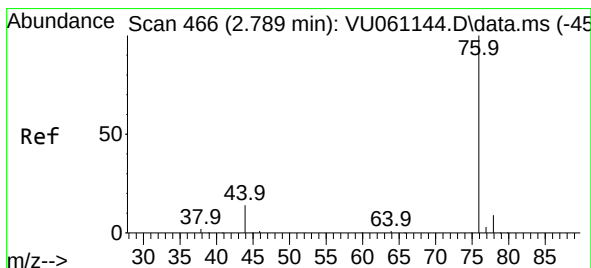
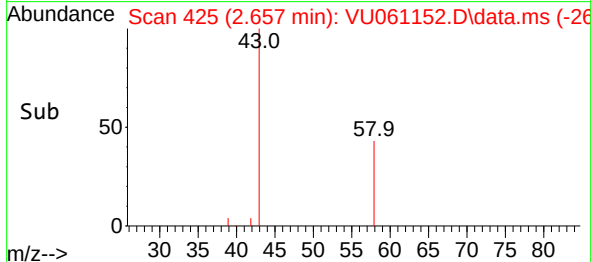
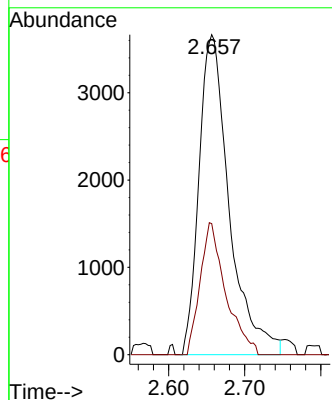
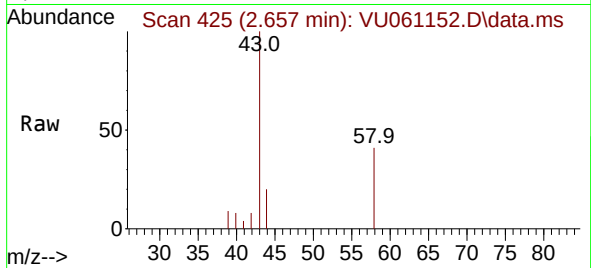
#13
Acetone
Concen: 3.641 ug/l
RT: 2.657 min Scan# 412
Delta R.T. 0.009 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

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

Tgt Ion: 43 Resp: 1012
Ion Ratio Lower Upper
43 100
58 41.0 27.9 41.9

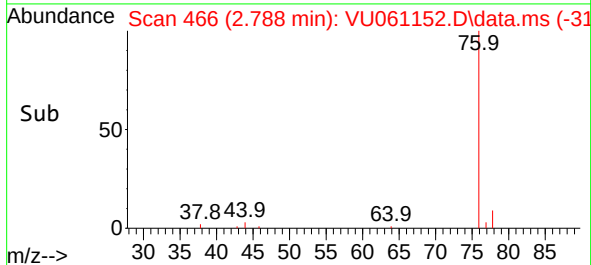
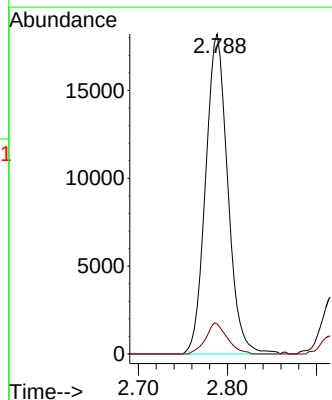
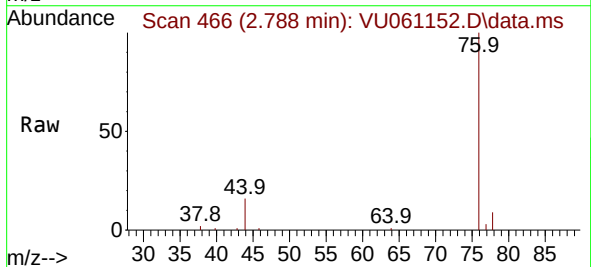
Manual Integrations
APPROVED

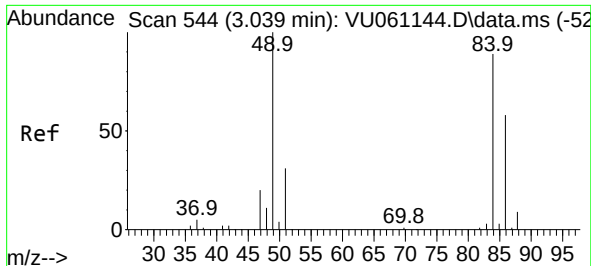
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#14
Carbon Disulfide
Concen: 0.861 ug/l
RT: 2.788 min Scan# 466
Delta R.T. -0.000 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

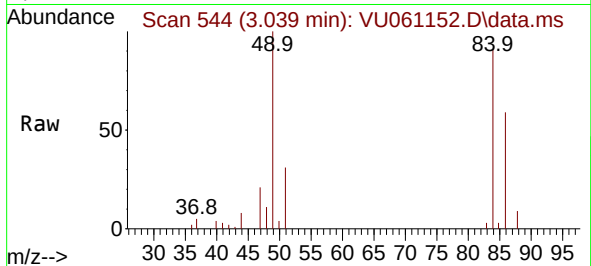
Tgt Ion: 76 Resp: 31449
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0





#15
Methylene Chloride
Concen: 0.912 ug/l
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

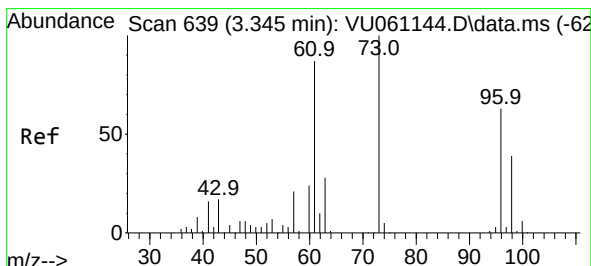
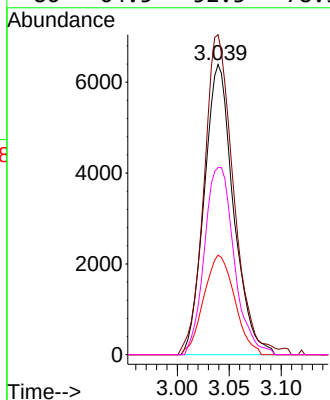
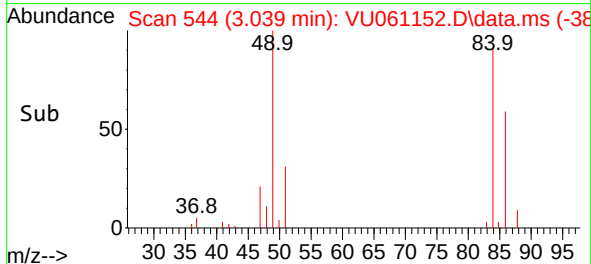
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 84	Resp: 1250
Ion Ratio	Lower Upper
84 100	
49 110.3	90.4 135.6
51 34.3	0.0 70.6
86 64.5	52.3 78.5

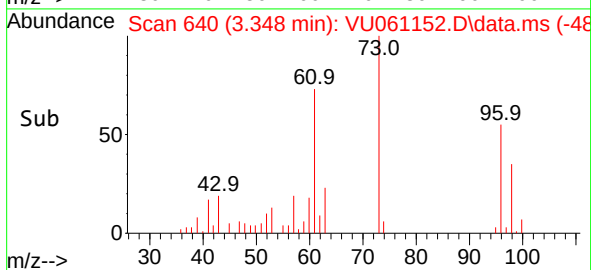
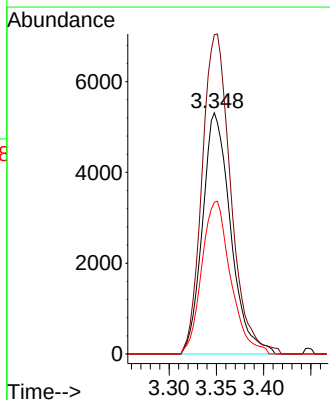
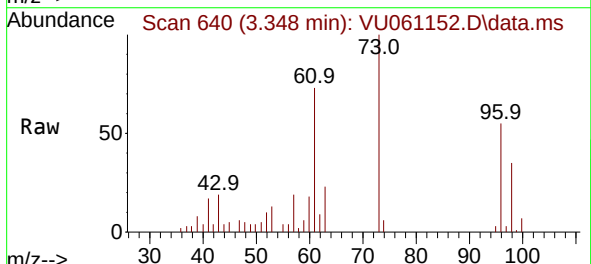
Manual Integrations
APPROVED

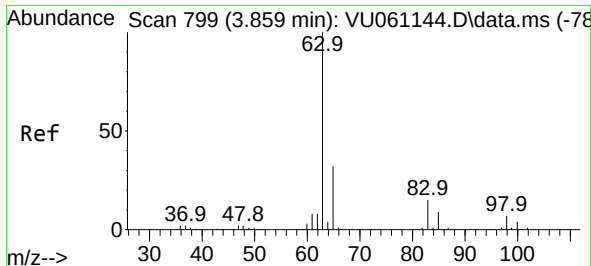
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#16
trans-1,2-Dichloroethene
Concen: 0.885 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

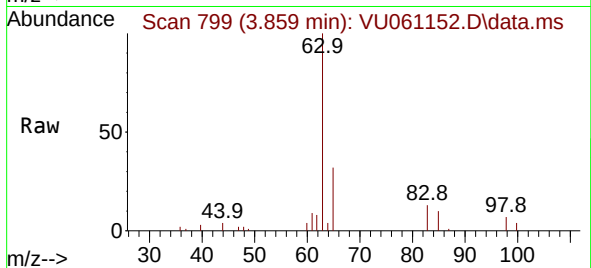
Tgt Ion: 96	Resp: 10999
Ion Ratio	Lower Upper
96 100	
61 132.3	110.6 166.0
98 62.9	49.8 74.8





#17
1,1-Dichloroethane
Concen: 0.956 ug/l
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

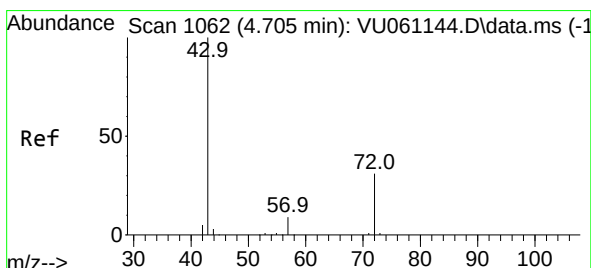
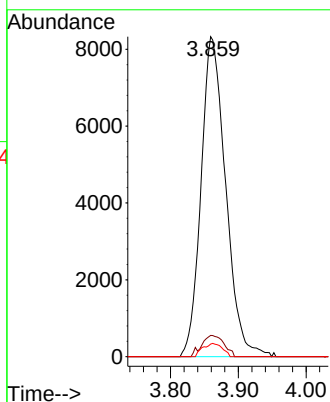
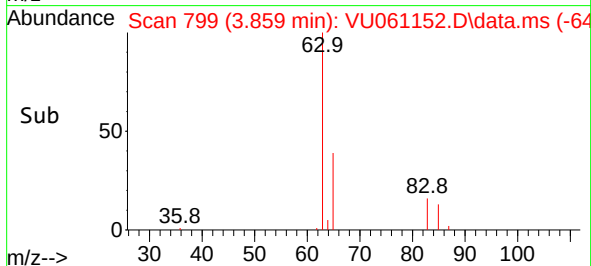
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 63 Resp: 21074
Ion Ratio Lower Upper
63 100
98 6.6 3.3 9.8
100 4.0 2.1 6.5

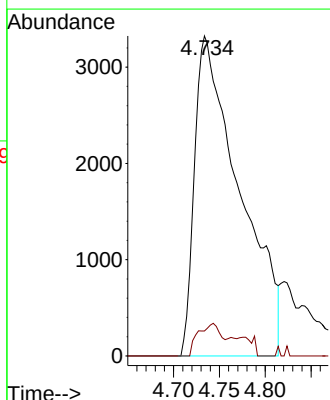
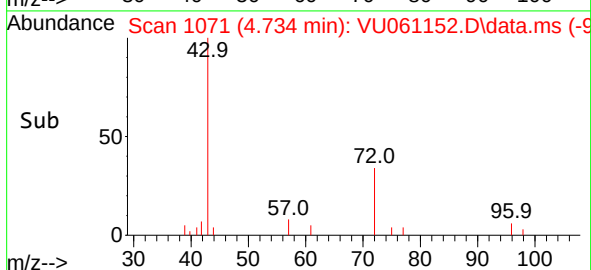
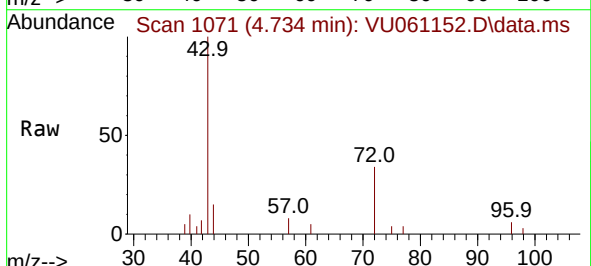
Manual Integrations
APPROVED

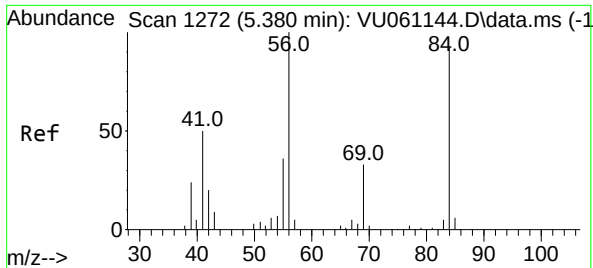
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#18
2-Butanone
Concen: 3.335 ug/l
RT: 4.734 min Scan# 1071
Delta R.T. 0.029 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

Tgt Ion: 43 Resp: 11357
Ion Ratio Lower Upper
43 100
57 7.8 0.0 19.0





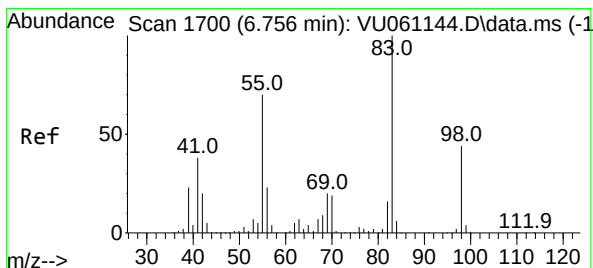
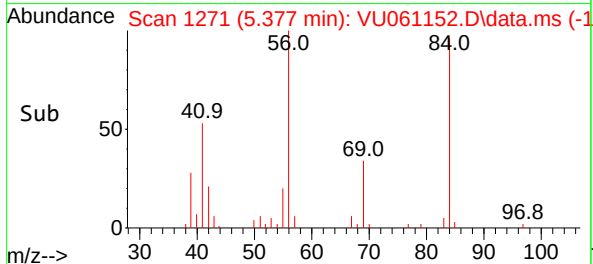
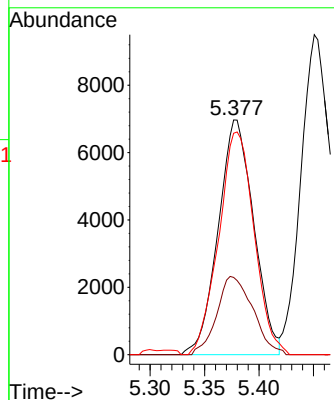
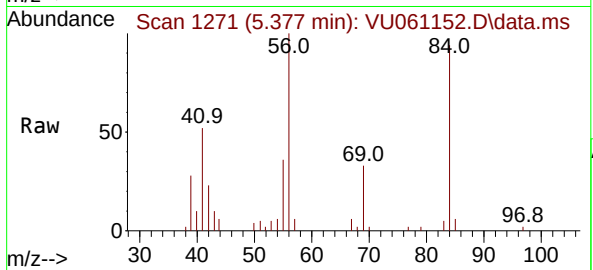
#19
Cyclohexane
Concen: 0.802 ug/l m
RT: 5.377 min Scan# 1698
Delta R.T. -0.003 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

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

Tgt Ion: 56 Resp: 15838
Ion Ratio Lower Upper
56 100
69 33.7 26.2 39.4
84 94.5 72.7 109.1

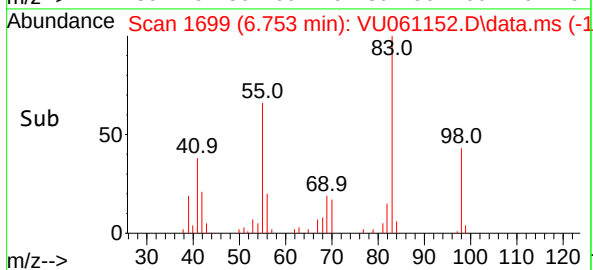
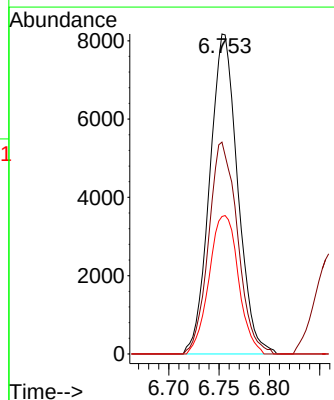
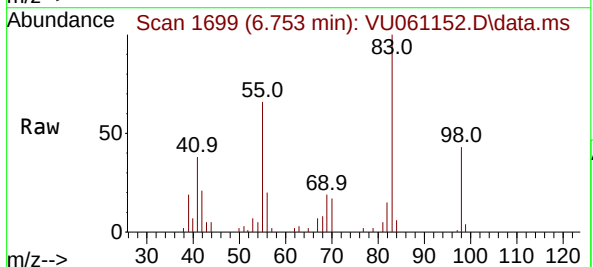
Manual Integrations
APPROVED

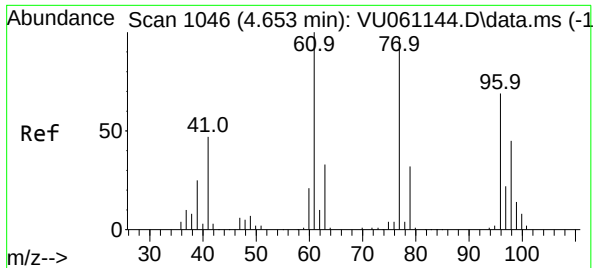
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#20
Methylcyclohexane
Concen: 0.719 ug/l
RT: 6.753 min Scan# 1699
Delta R.T. -0.003 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

Tgt Ion: 83 Resp: 15823
Ion Ratio Lower Upper
83 100
55 68.3 55.5 83.3
98 45.3 35.8 53.6





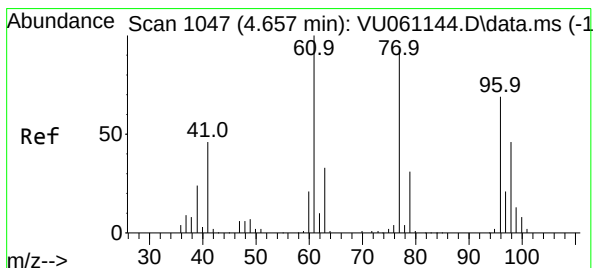
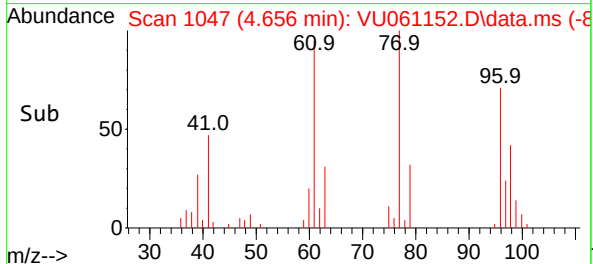
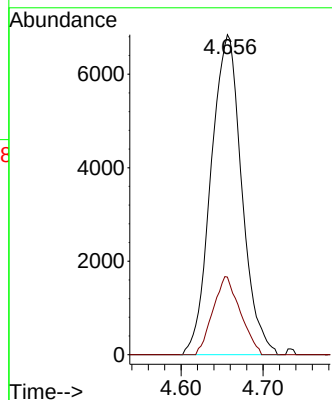
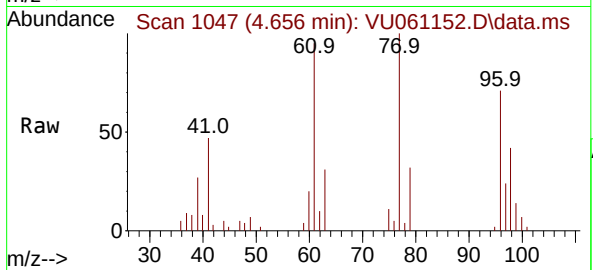
#21
2,2-Dichloropropane
Concen: 0.878 ug/l
RT: 4.656 min Scan# 1046
Delta R.T. 0.003 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

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

Tgt Ion: 77 Resp: 1785
Ion Ratio Lower Upper
77 100
97 21.6 18.3 27.5

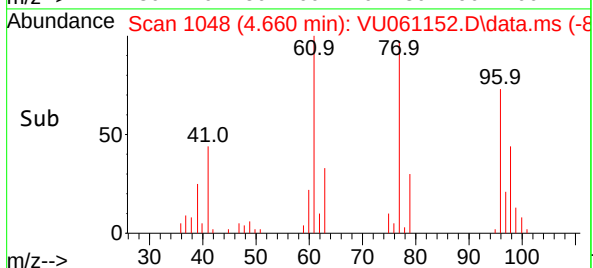
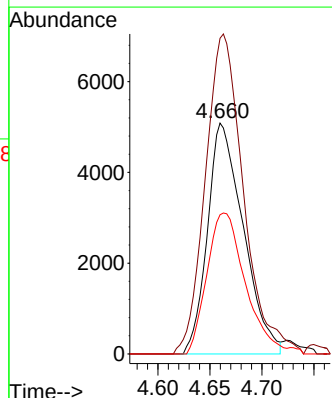
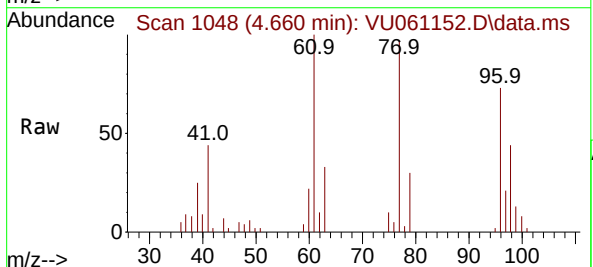
Manual Integrations
APPROVED

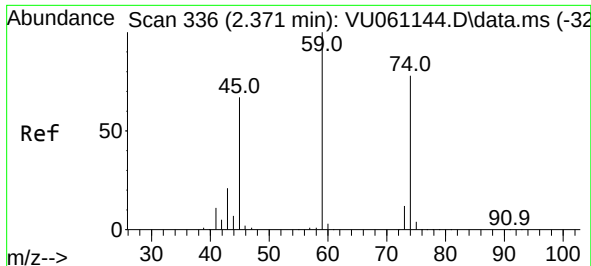
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#22
cis-1,2-Dichloroethene
Concen: 0.899 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

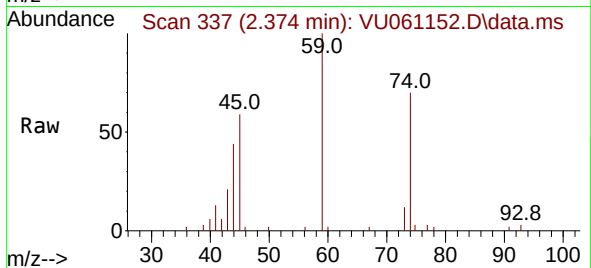
Tgt Ion: 96 Resp: 12181
Ion Ratio Lower Upper
96 100
61 147.5 0.0 364.8
98 65.2 32.1 96.3





#23
Diethyl Ether
Concen: 0.974 ug/l
RT: 2.374 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

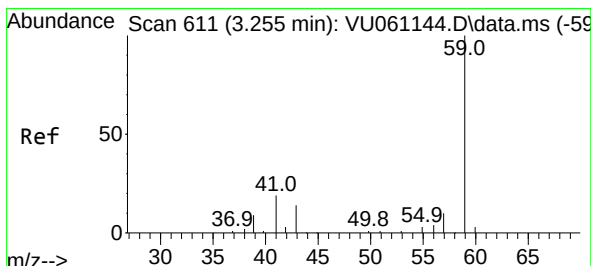
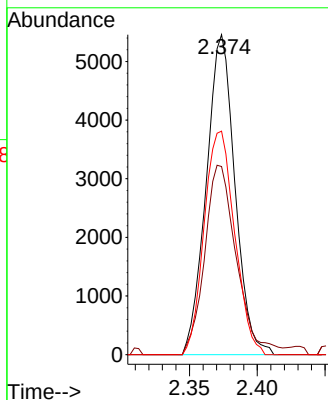
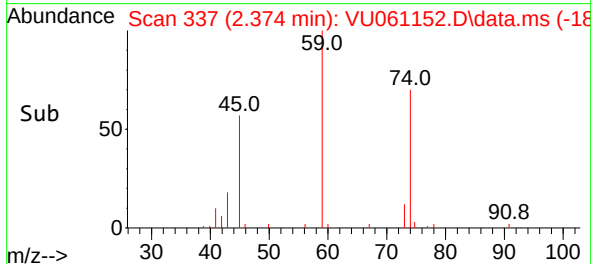
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 59 Resp: 802
Ion Ratio Lower Upper
59 100
45 65.6 52.0 78.0
74 74.2 62.2 93.2

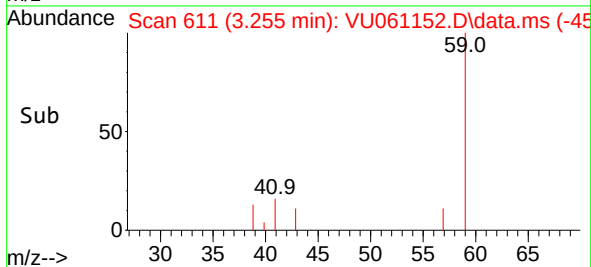
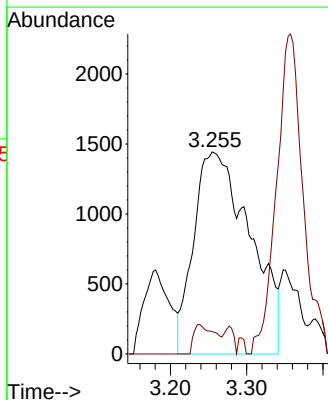
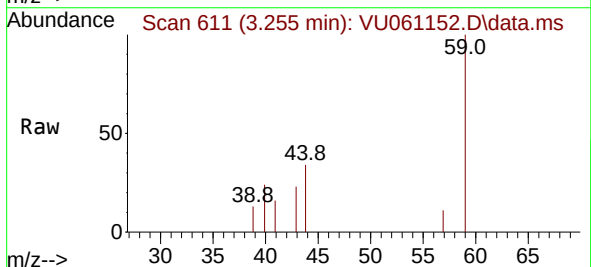
Manual Integrations
APPROVED

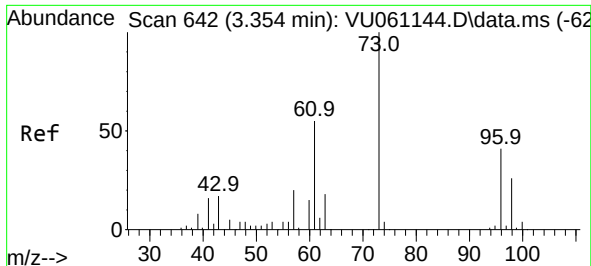
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#24
tert-Butyl Alcohol
Concen: 8.627 ug/l m
RT: 3.255 min Scan# 611
Delta R.T. -0.000 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

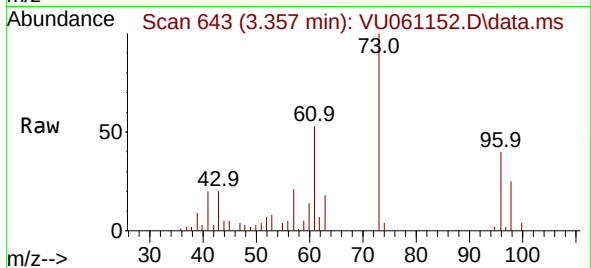
Tgt Ion: 59 Resp: 7416
Ion Ratio Lower Upper
59 100
57 5.5 3.2 4.8#





#25
Methyl tert-Butyl Ether
Concen: 0.899 ug/l
RT: 3.357 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

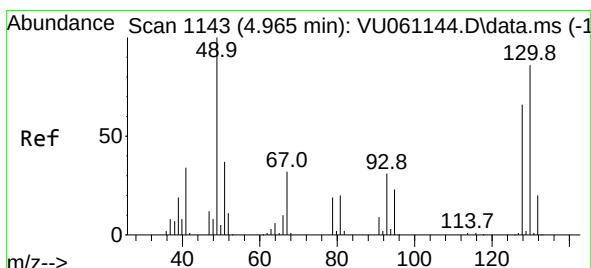
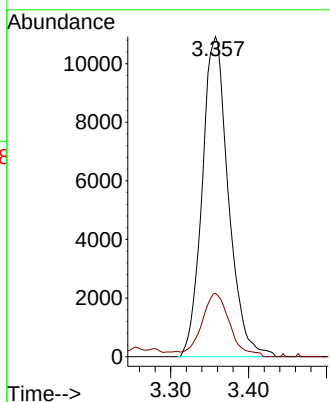
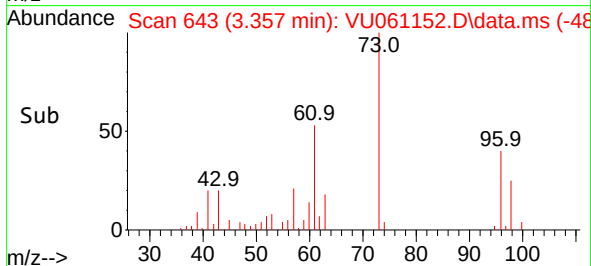
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



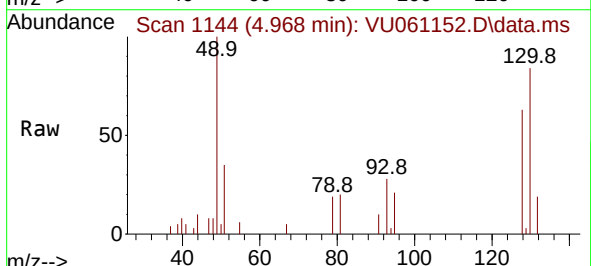
Tgt Ion: 73 Resp: 25549
Ion Ratio Lower Upper
73 100
43 21.1 14.7 22.1

Manual Integrations
APPROVED

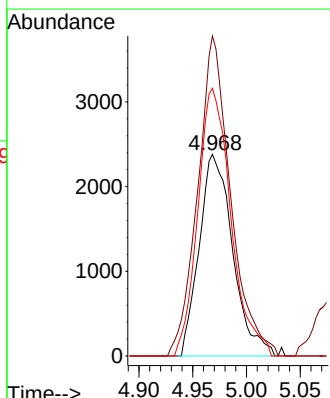
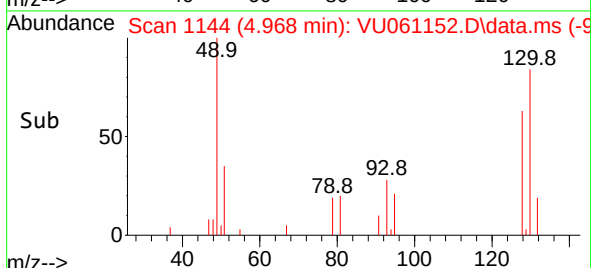
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024

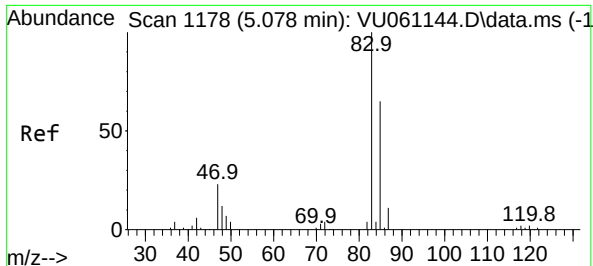


#26
Bromochloromethane
Concen: 0.910 ug/l
RT: 4.968 min Scan# 1144
Delta R.T. 0.003 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31



Tgt Ion:128 Resp: 5153
Ion Ratio Lower Upper
128 100
49 156.0 0.0 308.8
130 131.6 105.3 157.9





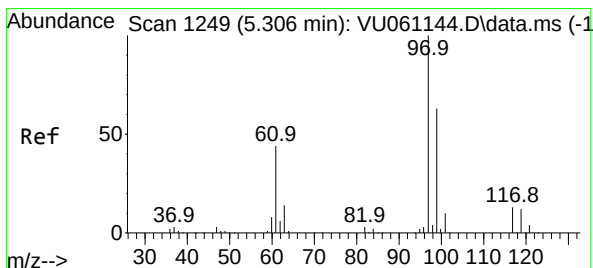
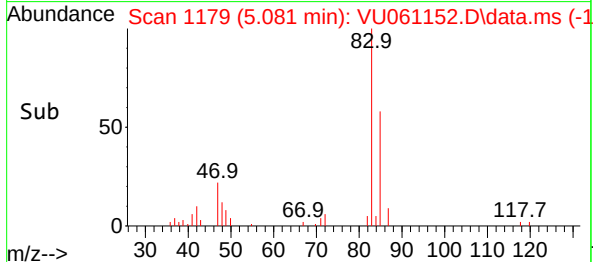
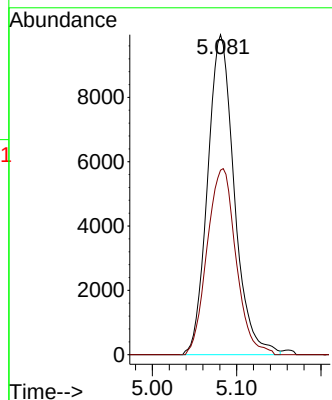
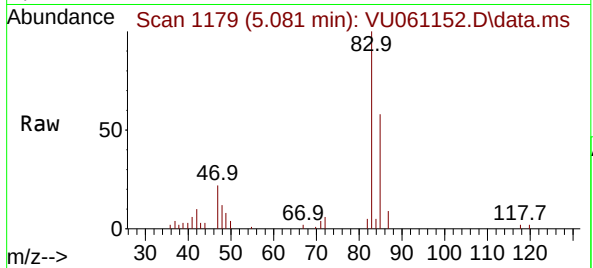
#27
Chloroform
Concen: 0.948 ug/l
RT: 5.081 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

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

Tgt Ion: 83 Resp: 2190
Ion Ratio Lower Upper
83 100
85 57.7 0.0 129.6

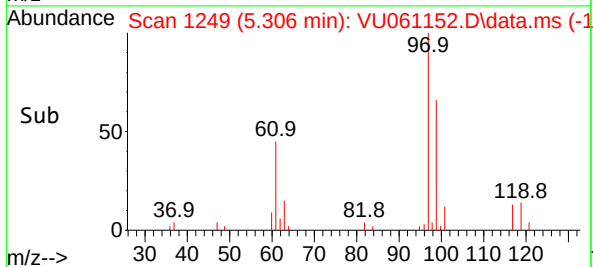
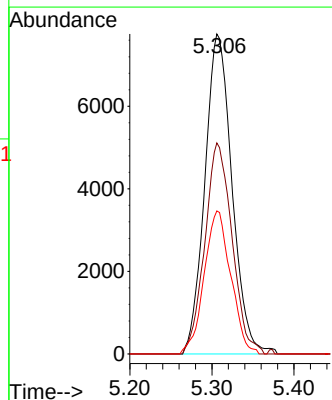
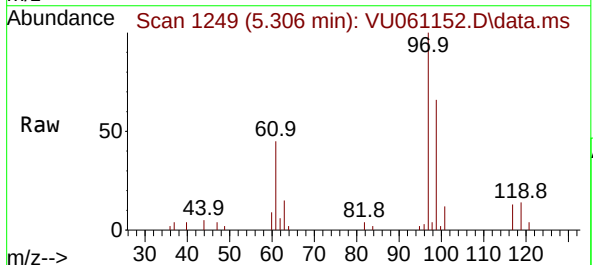
Manual Integrations
APPROVED

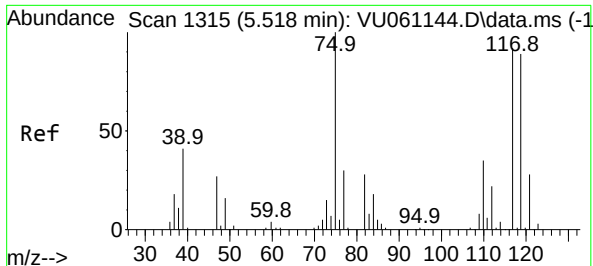
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#28
1,1,1-Trichloroethane
Concen: 0.877 ug/l
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

Tgt Ion: 97 Resp: 17866
Ion Ratio Lower Upper
97 100
99 65.9 31.9 95.5
61 43.7 22.1 66.1





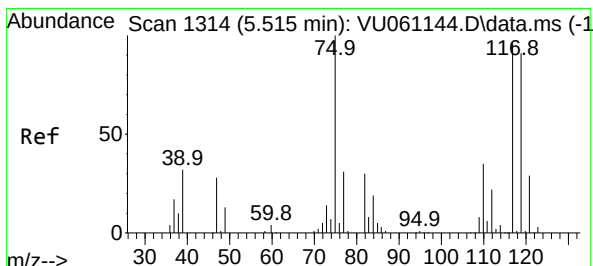
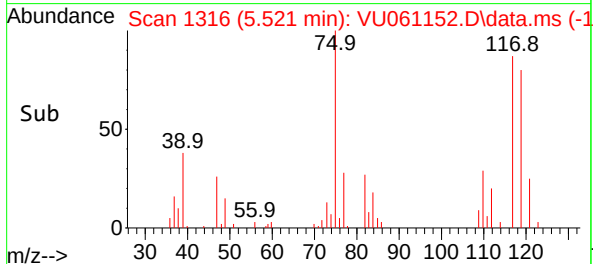
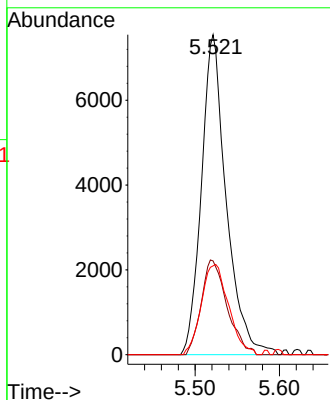
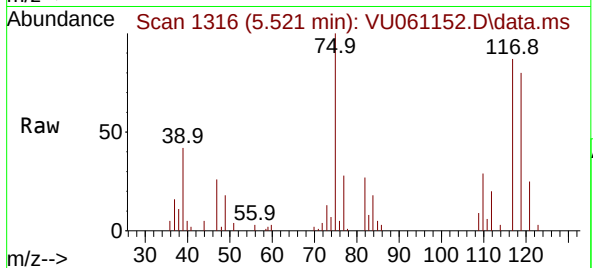
#29
1,1-Dichloropropene
Concen: 0.860 ug/l
RT: 5.521 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

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

Tgt Ion: 75 Resp: 1548
Ion Ratio Lower Upper
75 100
110 30.8 17.8 53.3
77 31.0 24.6 37.0

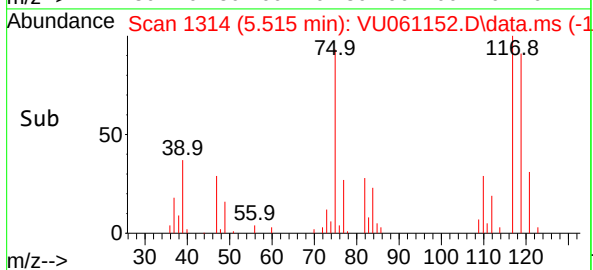
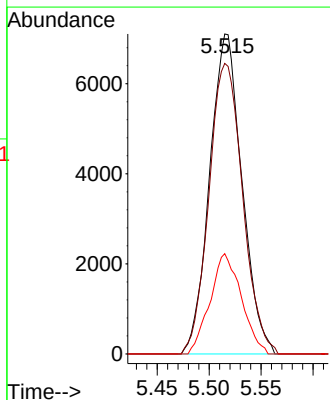
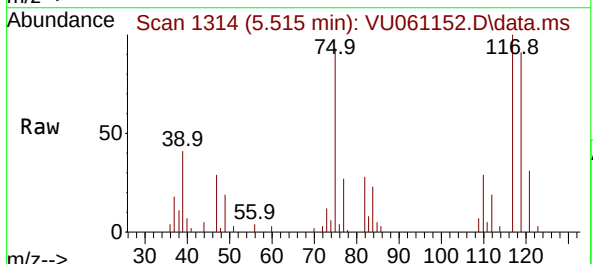
Manual Integrations
APPROVED

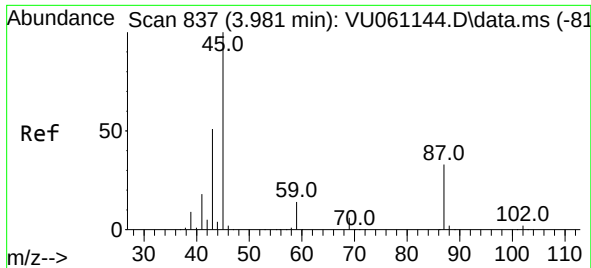
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#30
Carbon Tetrachloride
Concen: 0.869 ug/l
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

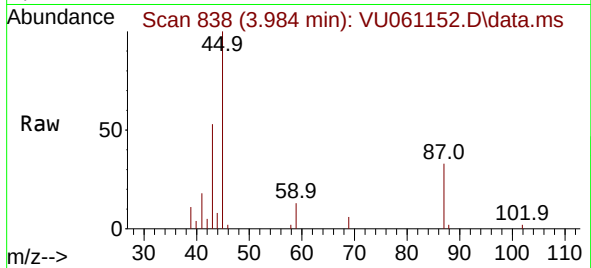
Tgt Ion:117 Resp: 15364
Ion Ratio Lower Upper
117 100
119 90.8 76.4 114.6
121 31.4 24.1 36.1





#31
Isopropyl Ether
Concen: 0.900 ug/l
RT: 3.984 min Scan# 837
Delta R.T. 0.003 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

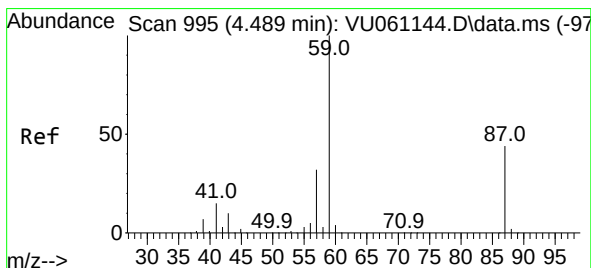
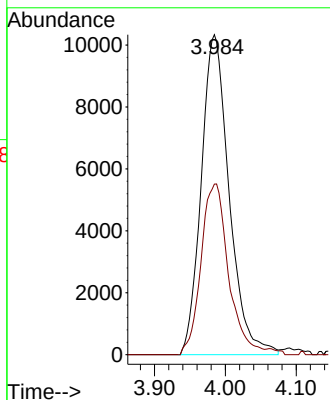
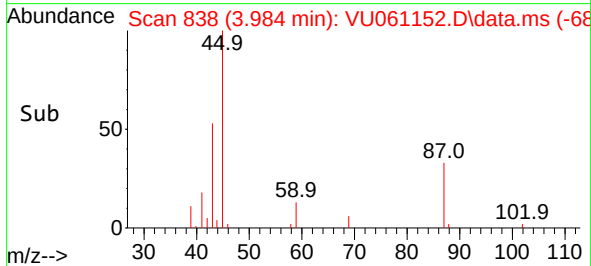
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



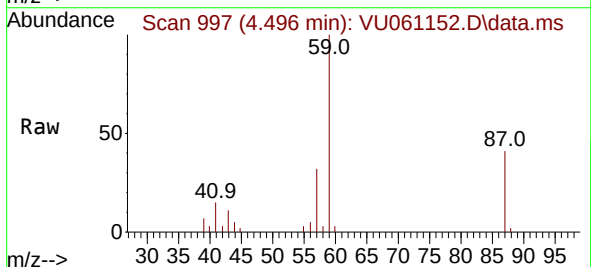
Tgt Ion: 45 Resp: 28300
Ion Ratio Lower Upper
45 100
43 52.4 25.7 77.0

Manual Integrations
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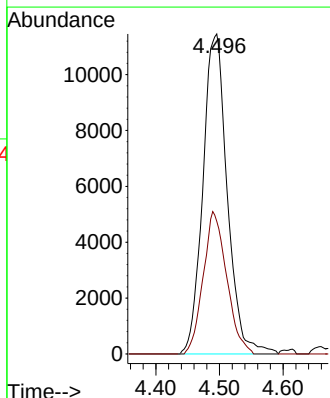
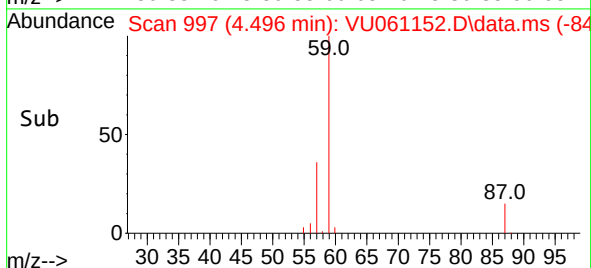
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024

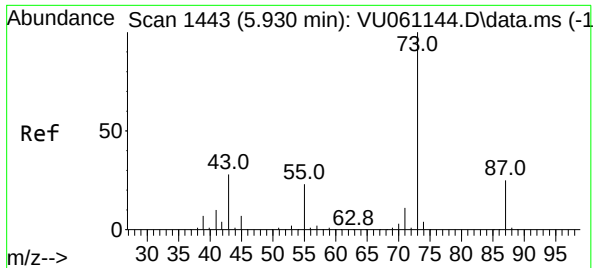


#32
Ethyl-t-butyl ether
Concen: 0.943 ug/l
RT: 4.496 min Scan# 997
Delta R.T. 0.006 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31



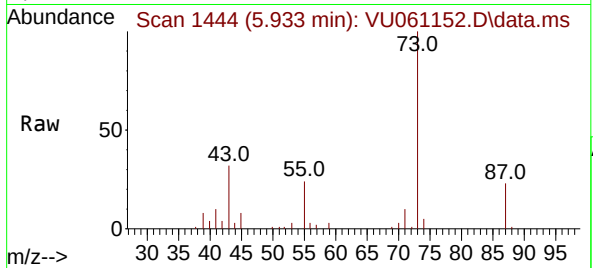
Tgt Ion: 59 Resp: 30501
Ion Ratio Lower Upper
59 100
87 42.8 34.7 52.1





#33
Tert-Amyl methyl ether
Concen: 0.930 ug/l
RT: 5.933 min Scan# 1443
Delta R.T. 0.003 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

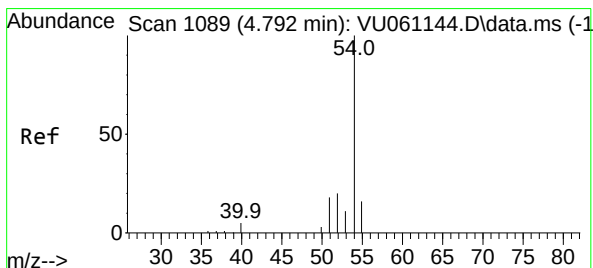
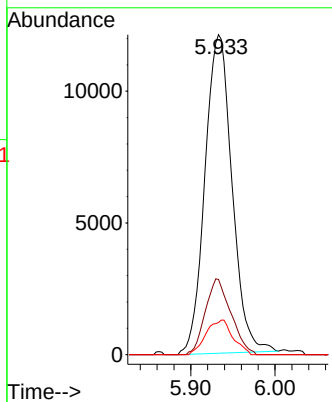
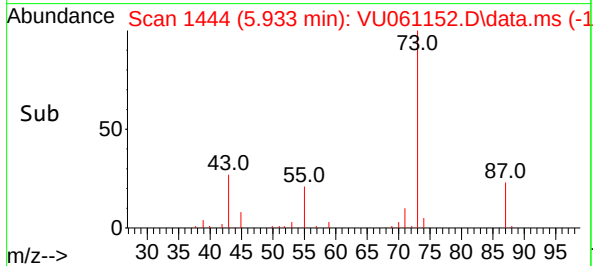
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



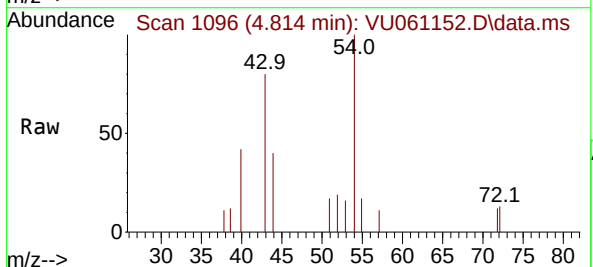
Tgt Ion: 73 Resp: 27060
Ion Ratio Lower Upper
73 100
87 22.5 19.8 29.8
71 10.8 8.6 12.8

Manual Integrations
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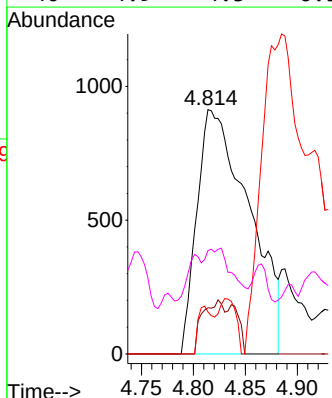
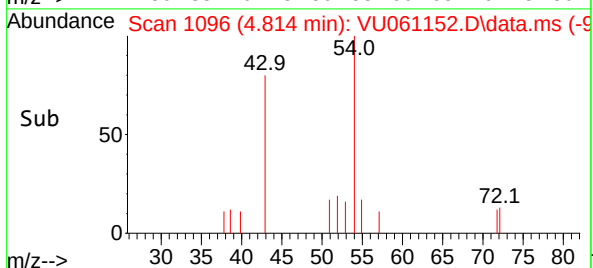
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024

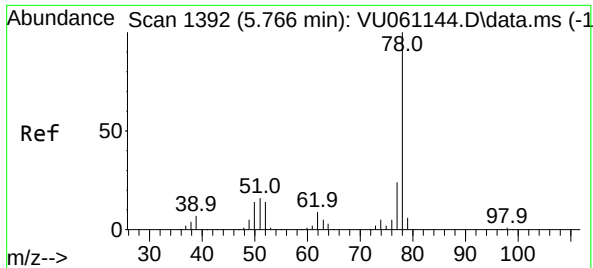


#34
Propionitrile
Concen: 3.917 ug/l
RT: 4.814 min Scan# 1096
Delta R.T. 0.022 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31



Tgt Ion: 54 Resp: 3182
Ion Ratio Lower Upper
54 100
52 0.0 15.3 22.9#
55 5.6 9.7 14.5#
40 4.9 4.3 6.5





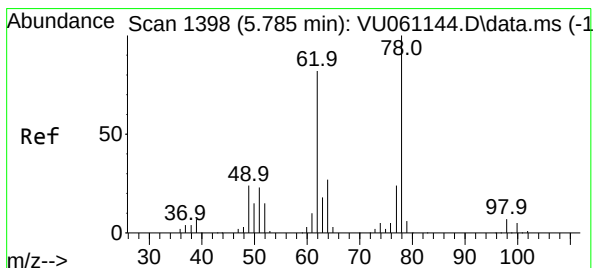
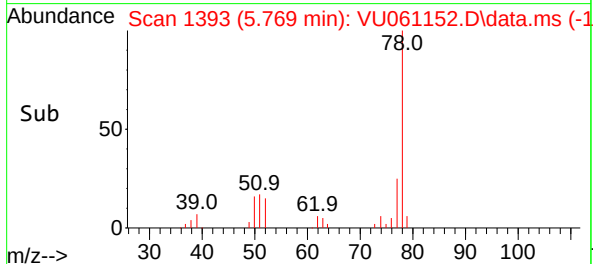
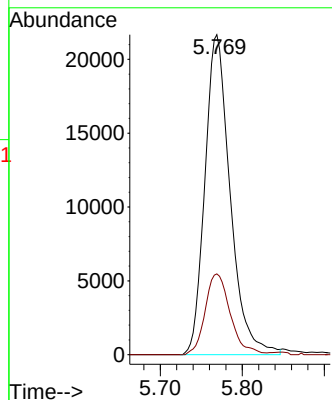
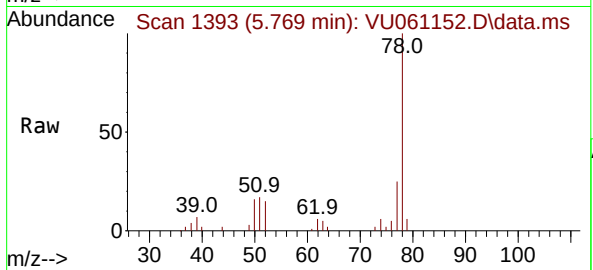
#35
Benzene
Concen: 0.915 ug/l
RT: 5.769 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

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

Tgt Ion: 78 Resp: 4643
Ion Ratio Lower Upper
78 100
77 25.2 19.4 29.0

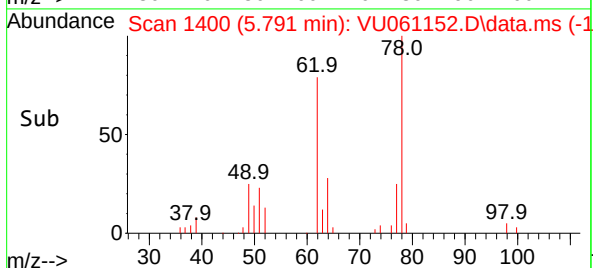
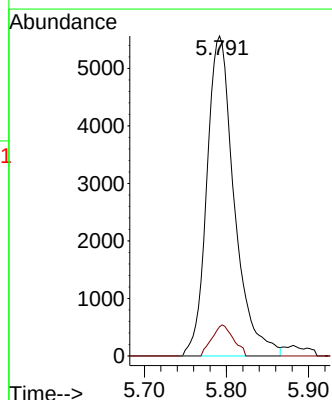
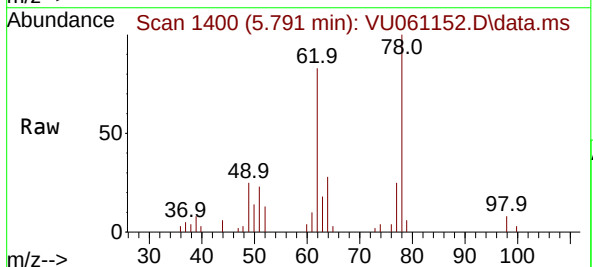
Manual Integrations
APPROVED

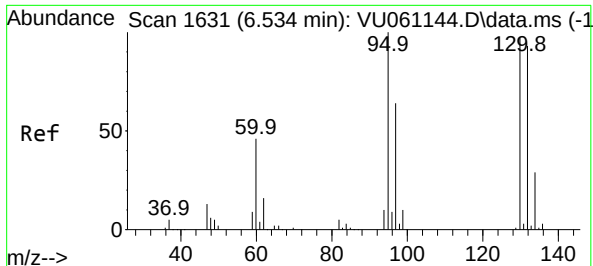
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#36
1,2-Dichloroethane
Concen: 0.903 ug/l
RT: 5.791 min Scan# 1400
Delta R.T. 0.006 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

Tgt Ion: 62 Resp: 12931
Ion Ratio Lower Upper
62 100
98 7.5 7.0 10.4





#37

Trichloroethene

Concen: 0.876 ug/l

RT: 6.537 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU061152.D

Acq: 17 Oct 2024 19:31

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion:130 Resp: 11864

Ion Ratio Lower Upper

130 100

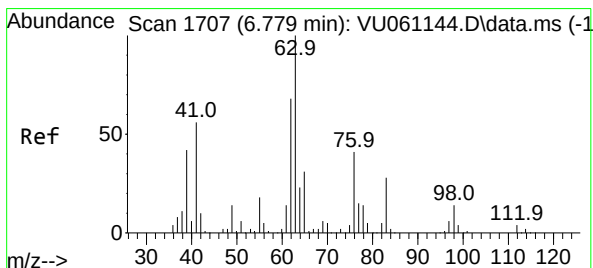
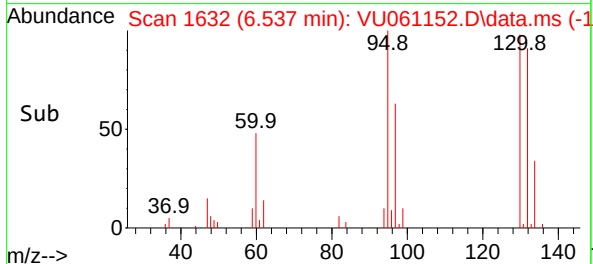
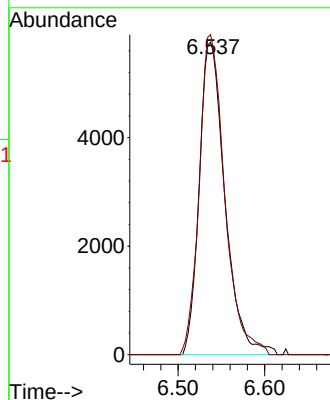
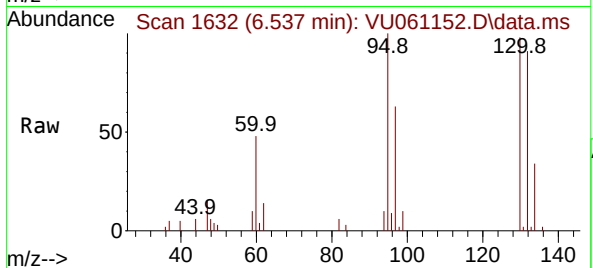
95 102.4 82.6 123.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2024

Supervised By :Mahesh Dadoda 10/21/2024



#38

1,2-Dichloropropane

Concen: 0.939 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. 0.006 min

Lab File: VU061152.D

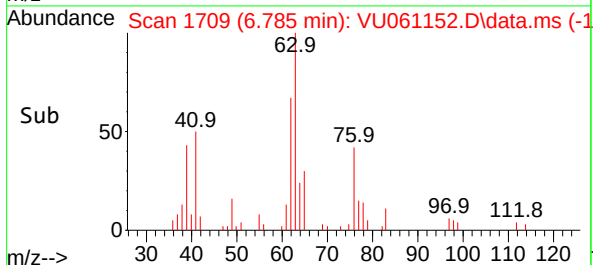
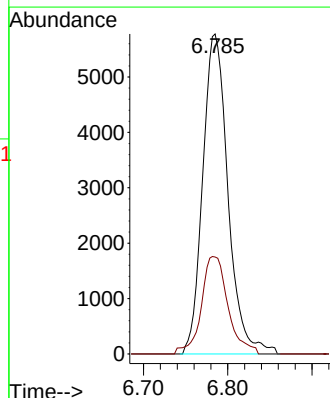
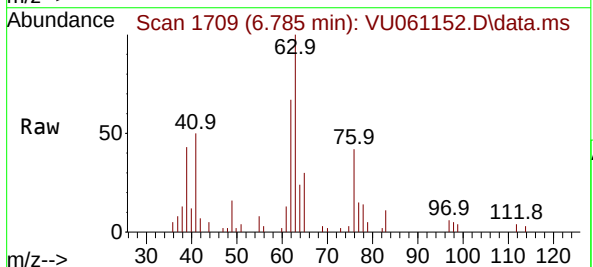
Acq: 17 Oct 2024 19:31

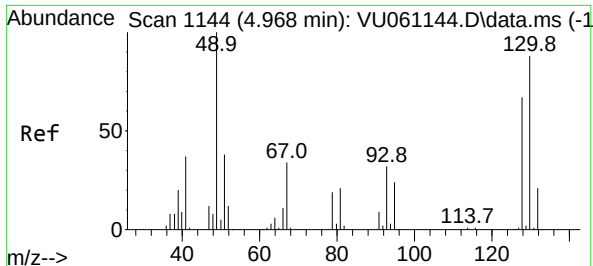
Tgt Ion: 63 Resp: 12060

Ion Ratio Lower Upper

63 100

65 30.3 25.0 37.6





#39

Methacrylonitrile

Concen: 1.004 ug/l

RT: 4.991 min Scan# 1151

Delta R.T. 0.022 min

Lab File: VU061152.D

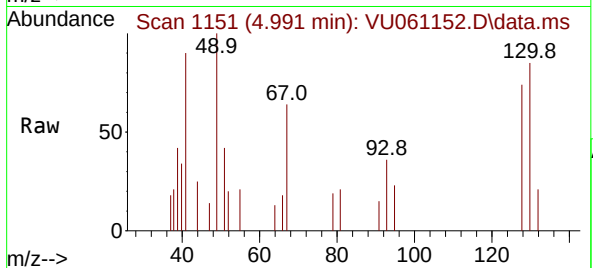
Acq: 17 Oct 2024 19:31

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

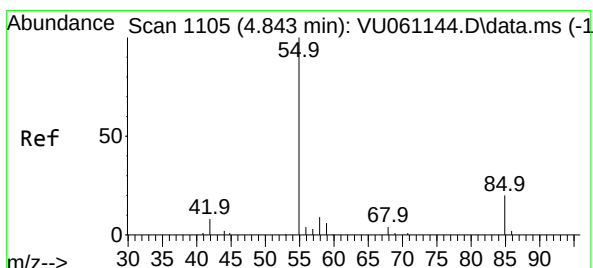
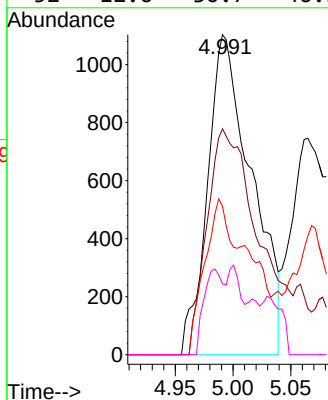
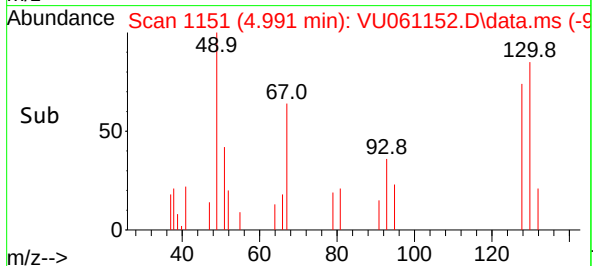


Tgt Ion:	41	Resp:	293
Ion	Ratio	Lower	Upper
41	100		
67	83.1	78.1	117.1
39	31.0	44.6	67.0
52	12.6	30.7	46.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#40

Methyl acrylate

Concen: 0.822 ug/l m

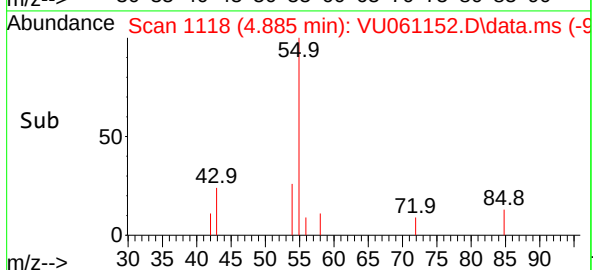
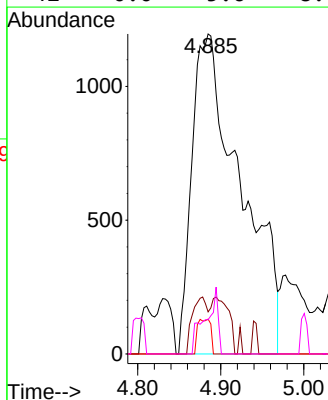
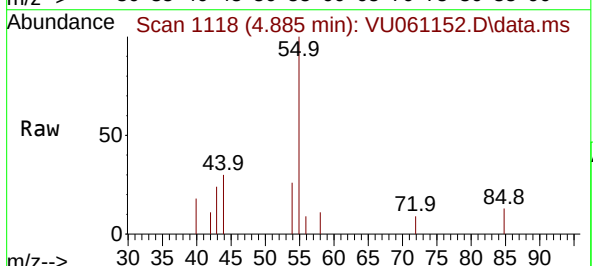
RT: 4.885 min Scan# 1118

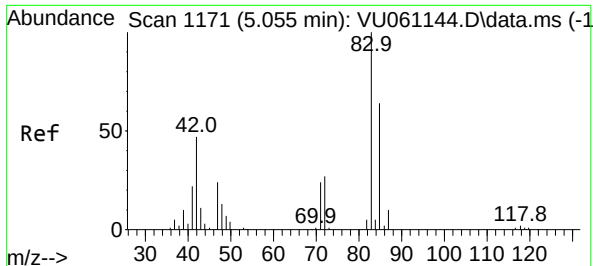
Delta R.T. 0.042 min

Lab File: VU061152.D

Acq: 17 Oct 2024 19:31

Tgt Ion:	55	Resp:	4877
Ion	Ratio	Lower	Upper
55	100		
85	0.0	14.1	21.1
58	0.0	6.9	10.3
42	0.0	5.6	8.4





#41

Tetrahydrofuran

Concen: 1.941 ug/l

RT: 5.071 min Scan# 1171

Delta R.T. 0.016 min

Lab File: VU061152.D

Acq: 17 Oct 2024 19:31

Instrument :

MSVOA_U

ClientSampleId :

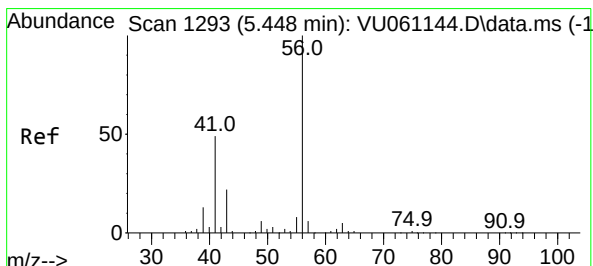
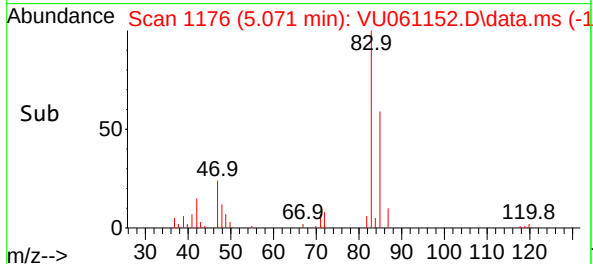
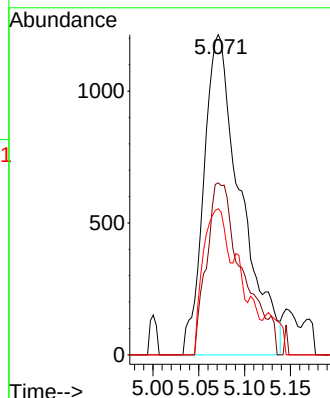
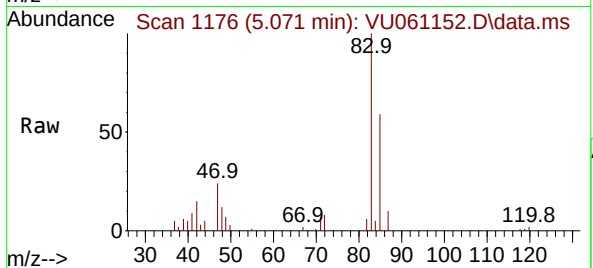
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:	42	Resp:	341
Ion Ratio	Lower	Upper	
42	100		
72	52.2	47.8	71.8
71	31.6	41.5	62.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#42

1-Chlorobutane

Concen: 0.852 ug/l

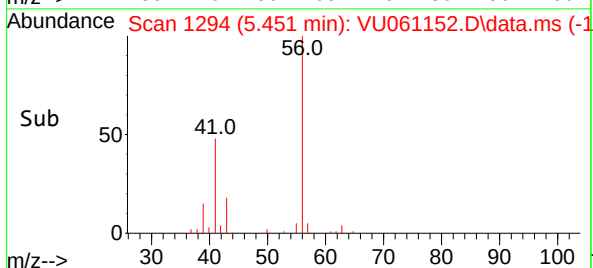
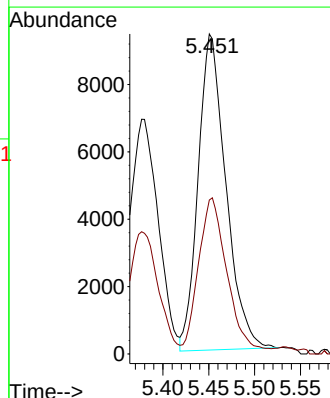
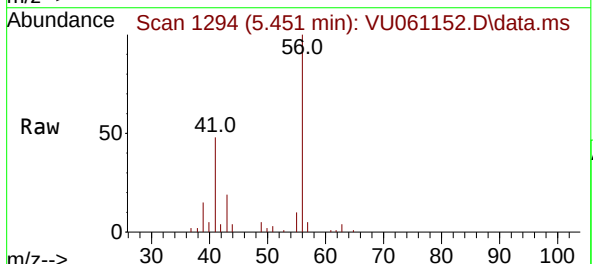
RT: 5.451 min Scan# 1294

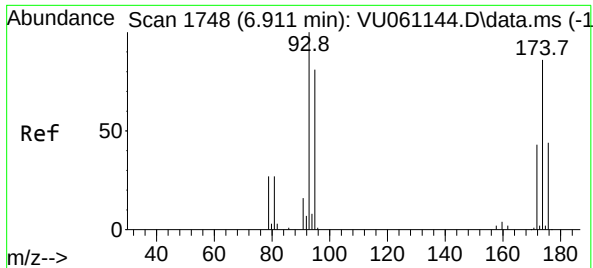
Delta R.T. 0.003 min

Lab File: VU061152.D

Acq: 17 Oct 2024 19:31

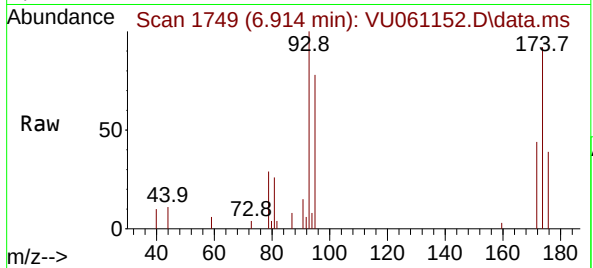
Tgt Ion:	56	Resp:	19698
Ion Ratio	Lower	Upper	
56	100		
41	48.3	23.9	71.7





#43
Dibromomethane
Concen: 0.950 ug/l
RT: 6.914 min Scan# 1748
Delta R.T. 0.003 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

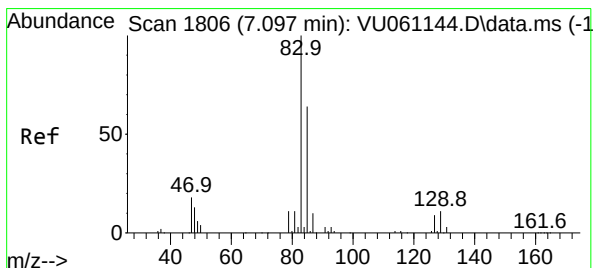
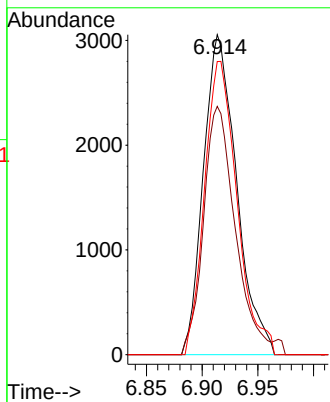
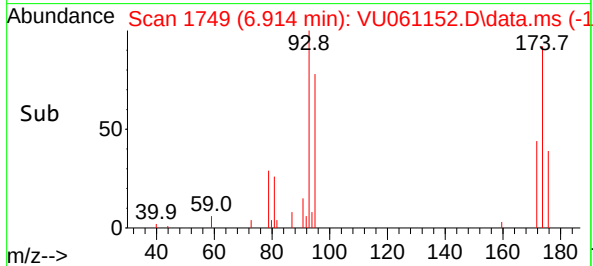
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



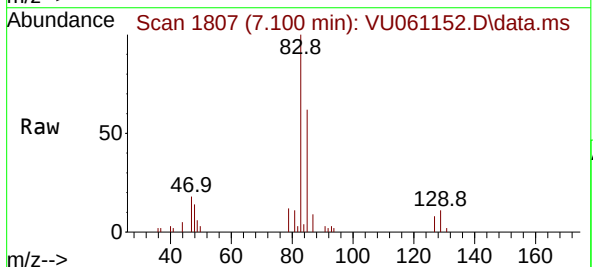
Tgt Ion: 93 Resp: 6328
Ion Ratio Lower Upper
93 100
95 74.4 67.5 101.3
174 89.6 71.2 106.8

Manual Integrations
APPROVED

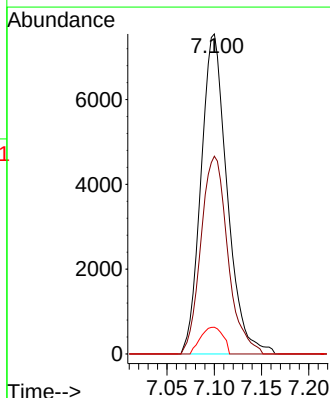
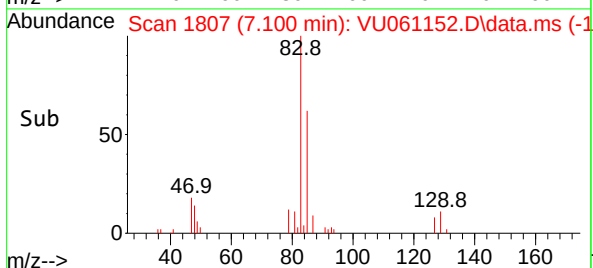
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024

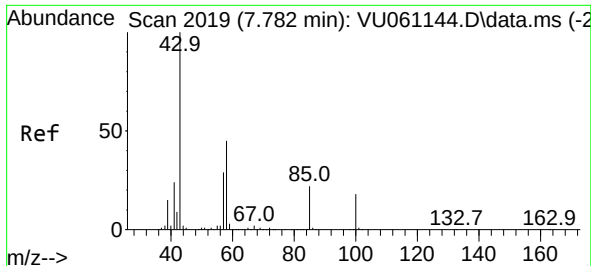


#44
Bromodichloromethane
Concen: 0.897 ug/l
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31



Tgt Ion: 83 Resp: 14525
Ion Ratio Lower Upper
83 100
85 61.8 51.4 77.2
127 8.4 7.4 11.2





#45

4-Methyl-2-Pentanone

Concen: 4.487 ug/l

RT: 7.788 min Scan# 2019

Delta R.T. 0.006 min

Lab File: VU061152.D

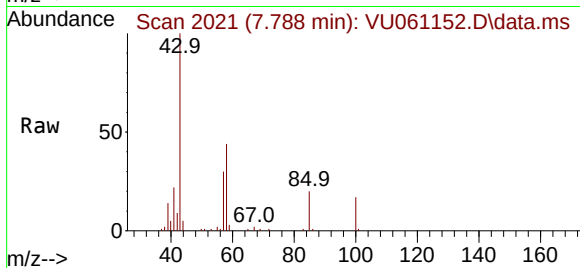
Acq: 17 Oct 2024 19:31

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

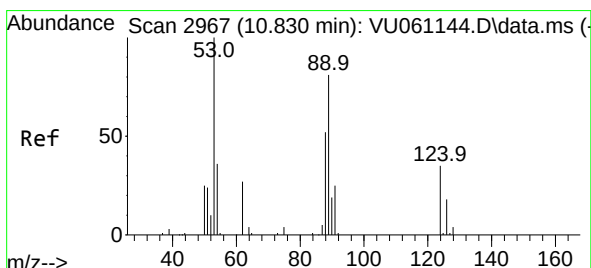
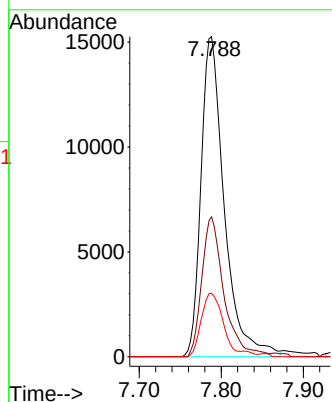
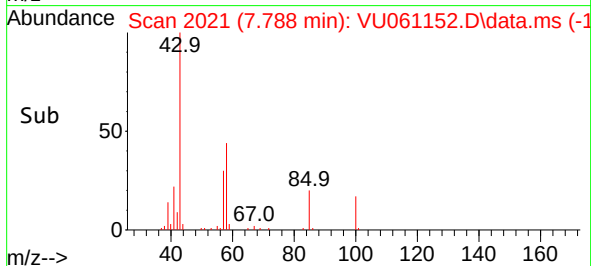


Tgt Ion:	43	Resp:	3000
Ion Ratio	Lower	Upper	
43	100		
58	41.5	22.2	66.6
85	18.4	17.2	25.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#46

t-1,4-Dichloro-2-butene

Concen: 1.740 ug/l m

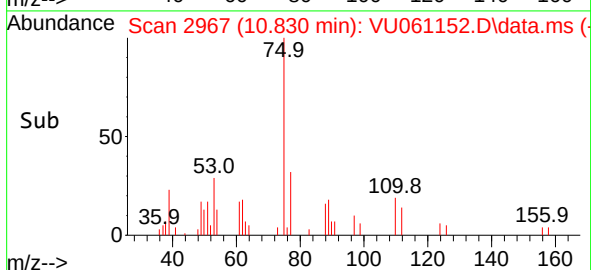
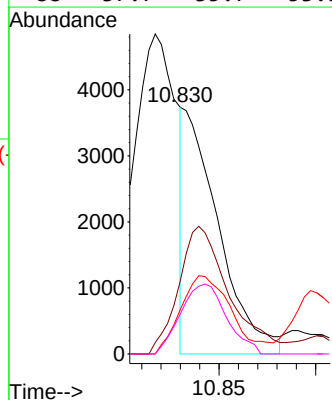
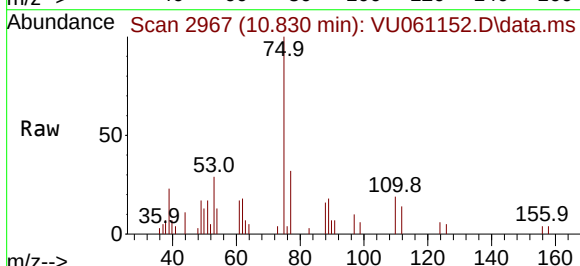
RT: 10.830 min Scan# 2967

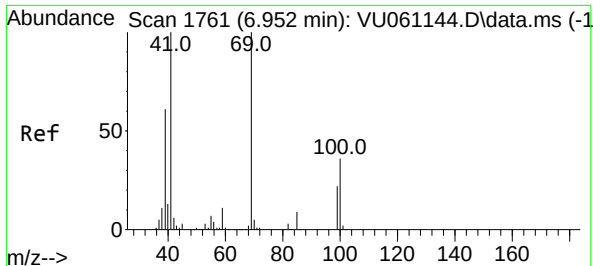
Delta R.T. -0.000 min

Lab File: VU061152.D

Acq: 17 Oct 2024 19:31

Tgt Ion:	75	Resp:	4639
Ion Ratio	Lower	Upper	
75	100		
53	75.7	66.0	99.0
89	47.1	48.0	72.0
88	37.7	35.7	53.5





#47

Methyl methacrylate

Concen: 1.719 ug/l

RT: 6.962 min Scan# 1

Delta R.T. 0.009 min

Lab File: VU061152.D

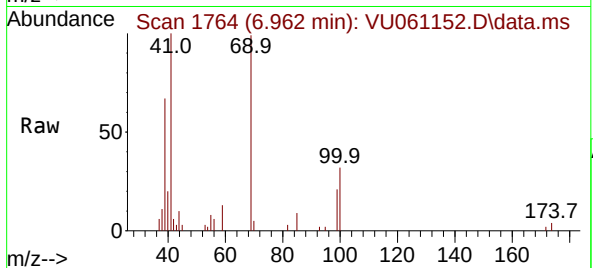
Acq: 17 Oct 2024 19:31

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 69 Resp: 995

Ion Ratio Lower Upper

69 100

41 103.7 0.0 196.0

39 65.9 48.0 72.0

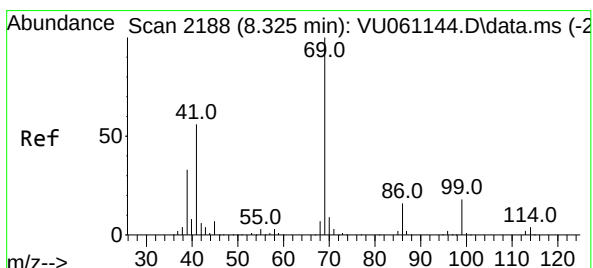
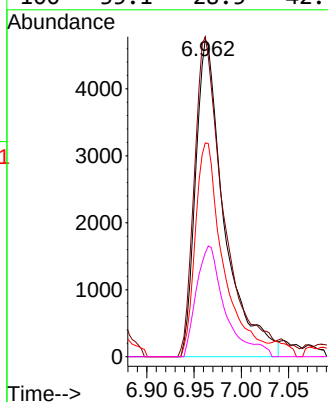
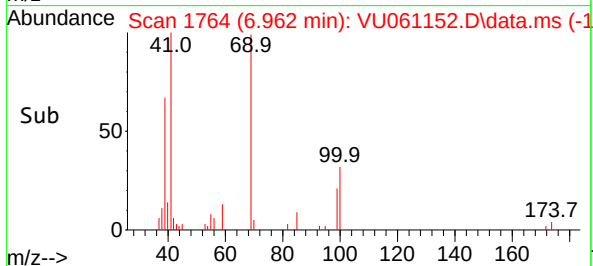
100 35.1 28.5 42.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2024

Supervised By :Mahesh Dadoda 10/21/2024



#48

Ethyl methacrylate

Concen: 0.883 ug/l

RT: 8.332 min Scan# 2190

Delta R.T. 0.006 min

Lab File: VU061152.D

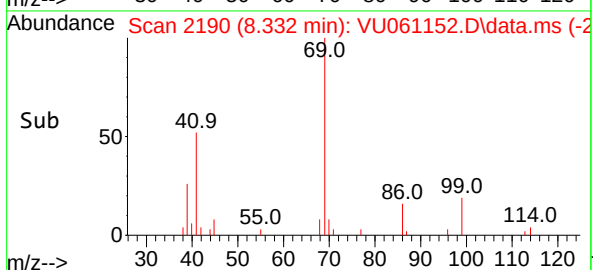
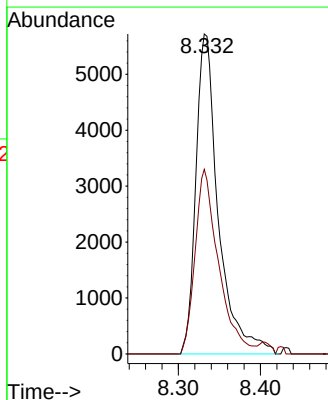
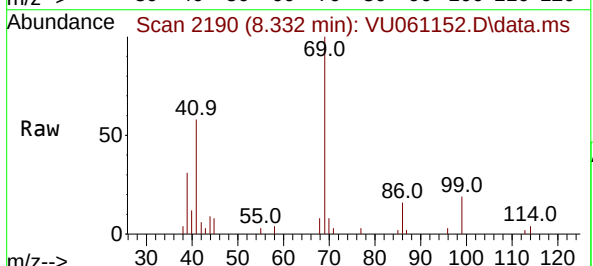
Acq: 17 Oct 2024 19:31

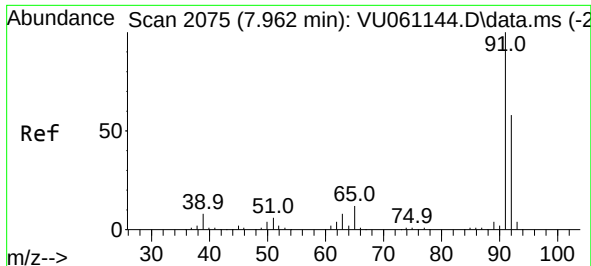
Tgt Ion: 69 Resp: 10899

Ion Ratio Lower Upper

69 100

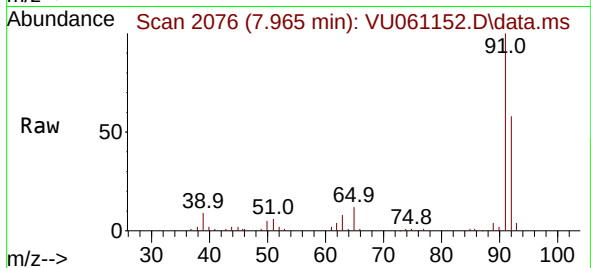
41 60.2 28.1 84.3





#49
Toluene
Concen: 0.876 ug/l
RT: 7.965 min Scan# 2075
Delta R.T. 0.003 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

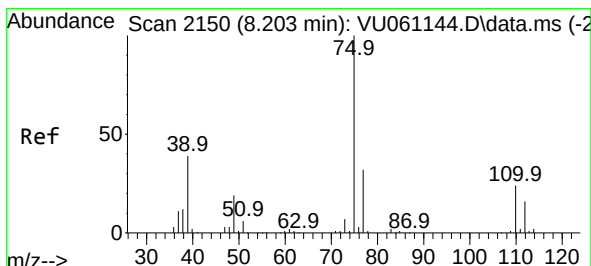
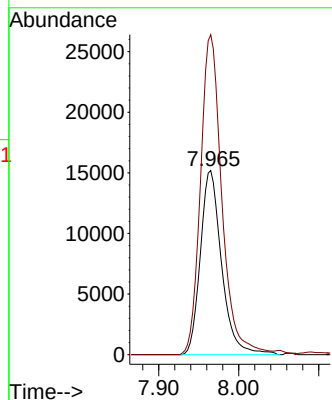
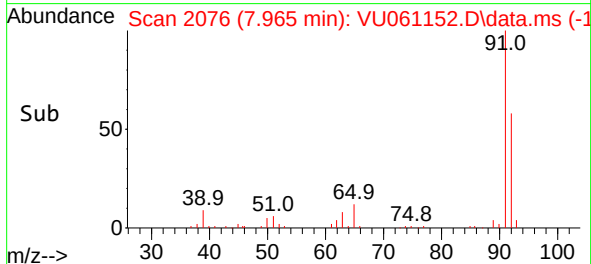
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 92 Resp: 2808
Ion Ratio Lower Upper
92 100
91 174.8 139.1 208.7

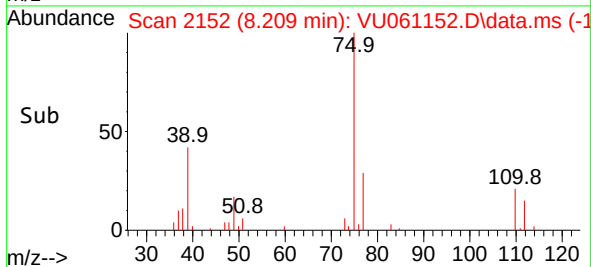
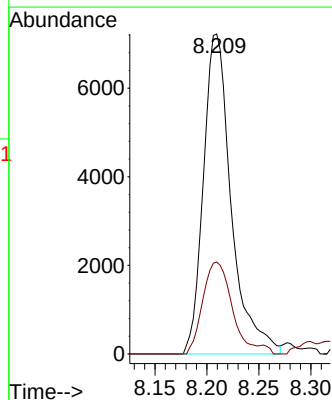
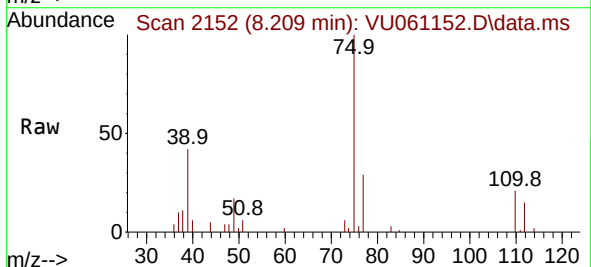
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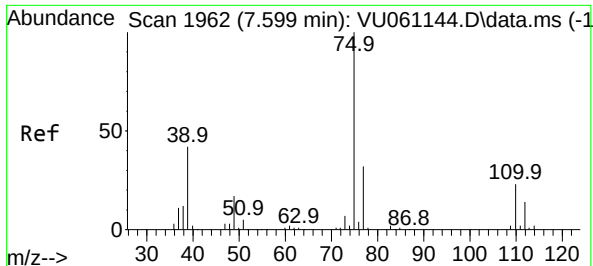
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#50
t-1,3-Dichloropropene
Concen: 0.863 ug/l
RT: 8.209 min Scan# 2152
Delta R.T. 0.006 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

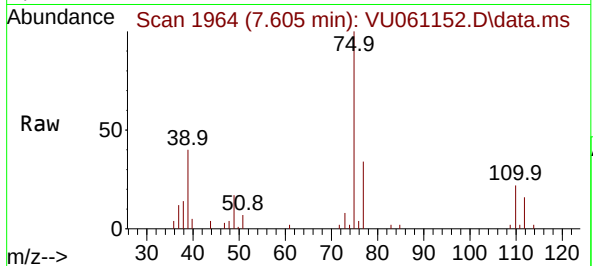
Tgt Ion: 75 Resp: 13479
Ion Ratio Lower Upper
75 100
77 28.8 25.9 38.9





#51
cis-1,3-Dichloropropene
Concen: 0.877 ug/l
RT: 7.605 min Scan# 1962
Delta R.T. 0.006 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

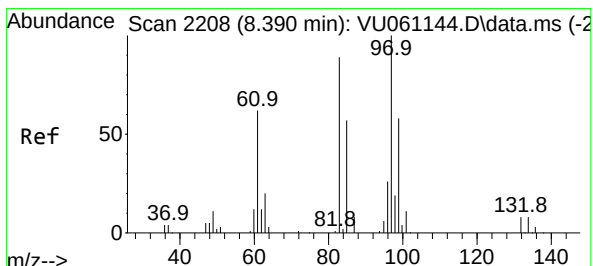
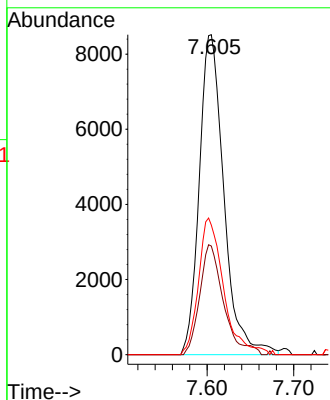
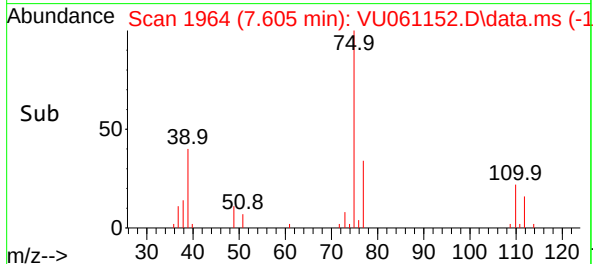
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 75 Resp: 16809
Ion Ratio Lower Upper
75 100
77 33.9 25.8 38.8
39 40.5 33.7 50.5

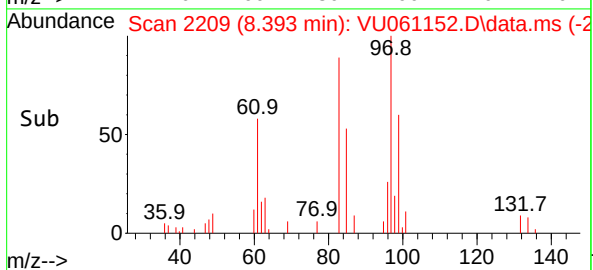
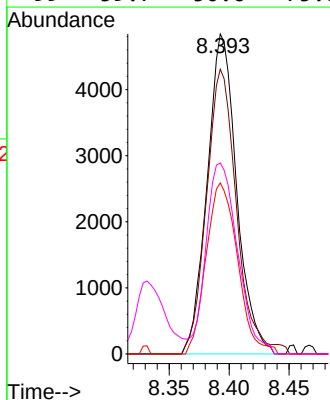
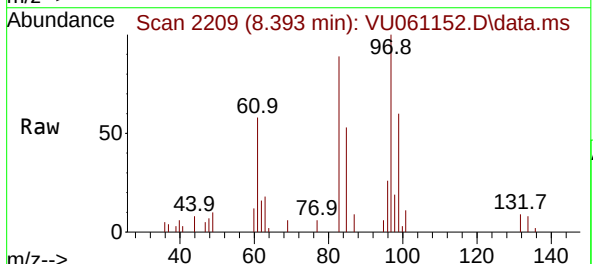
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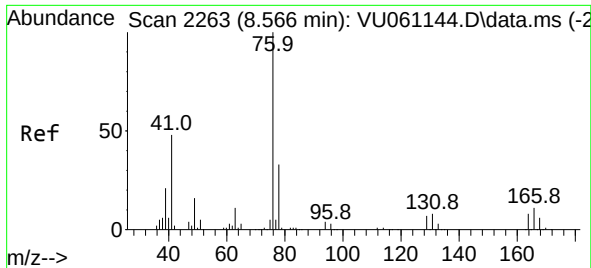
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#52
1,1,2-Trichloroethane
Concen: 0.922 ug/l
RT: 8.393 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

Tgt Ion: 97 Resp: 8285
Ion Ratio Lower Upper
97 100
83 89.0 71.0 106.4
85 53.4 46.1 69.1
99 59.7 50.6 75.8





#53

1,3-Dichloropropane

Concen: 0.934 ug/l

RT: 8.569 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU061152.D

Acq: 17 Oct 2024 19:31

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 76 Resp: 1474

Ion Ratio Lower Upper

76 100

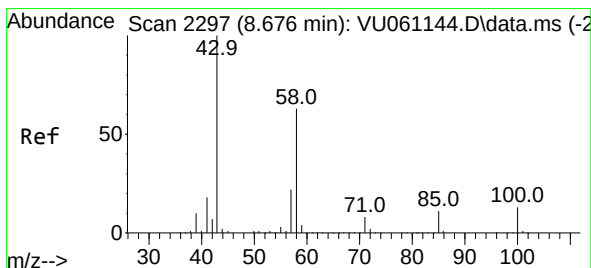
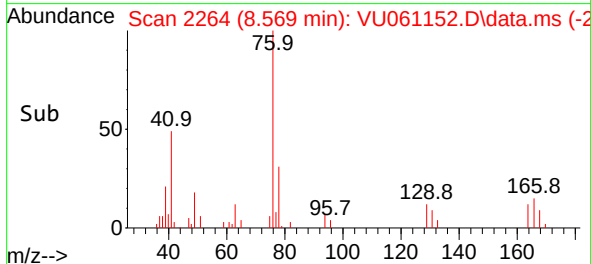
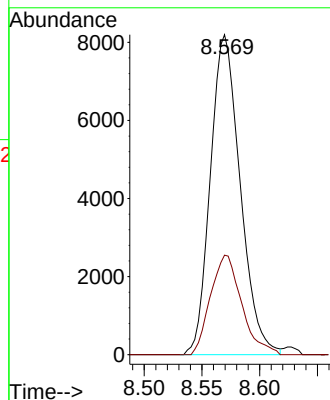
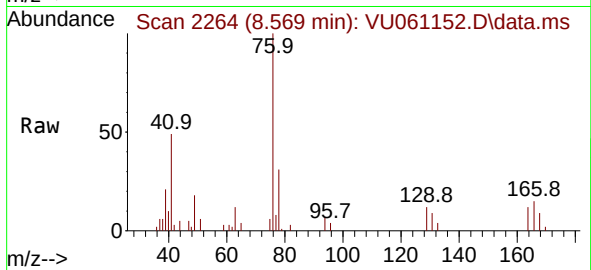
78 32.5 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2024

Supervised By :Mahesh Dadoda 10/21/2024



#54

2-Hexanone

Concen: 3.842 ug/l

RT: 8.685 min Scan# 2300

Delta R.T. 0.009 min

Lab File: VU061152.D

Acq: 17 Oct 2024 19:31

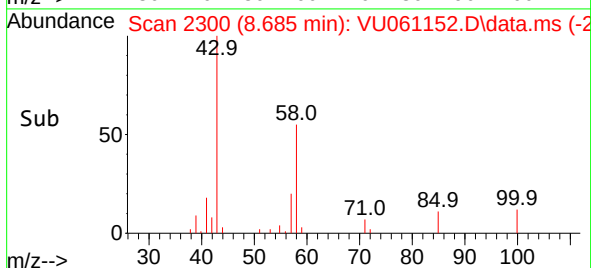
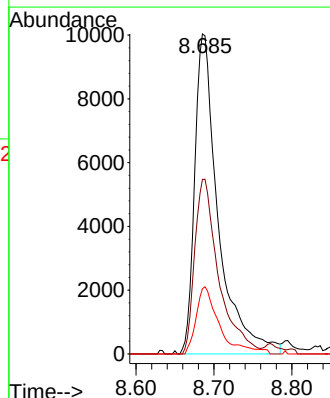
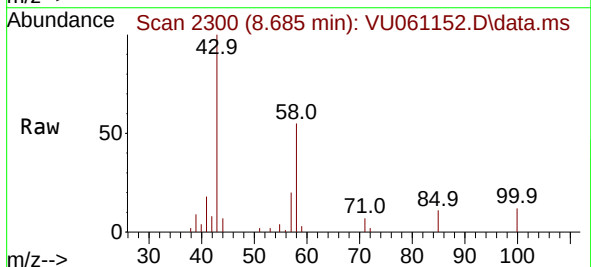
Tgt Ion: 43 Resp: 21108

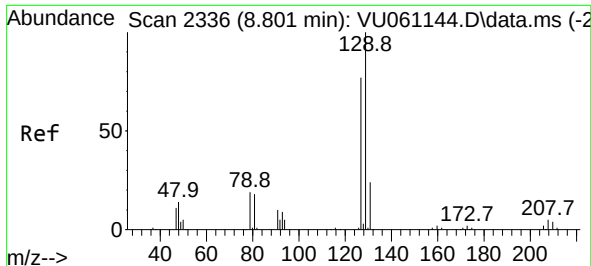
Ion Ratio Lower Upper

43 100

58 55.5 41.8 81.8

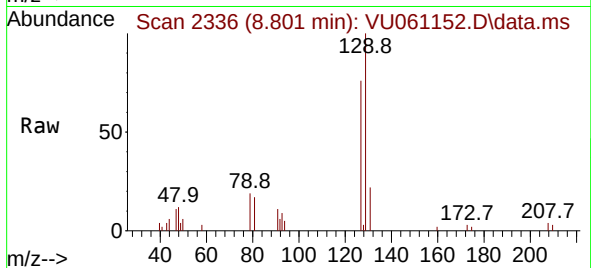
57 20.7 1.4 41.4





#55
Dibromochloromethane
Concen: 0.906 ug/l
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

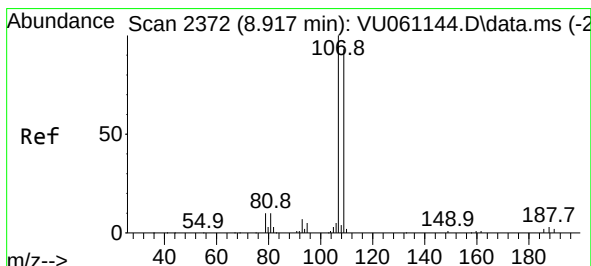
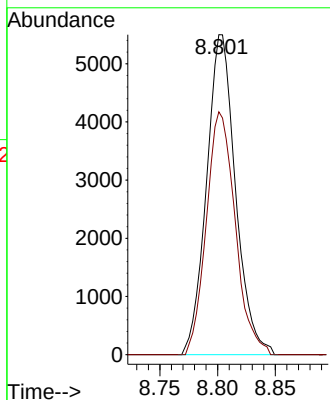
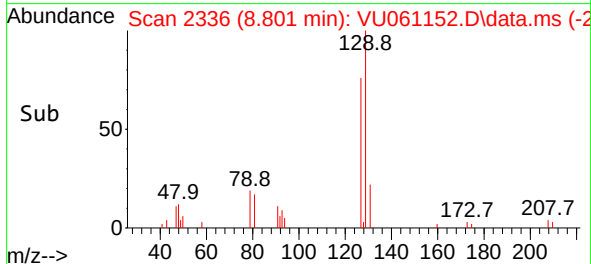
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion:129 Resp: 9612
Ion Ratio Lower Upper
129 100
127 75.6 61.9 92.9

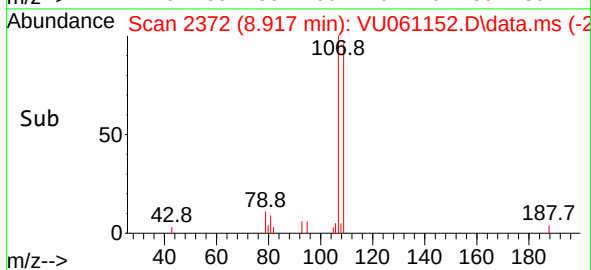
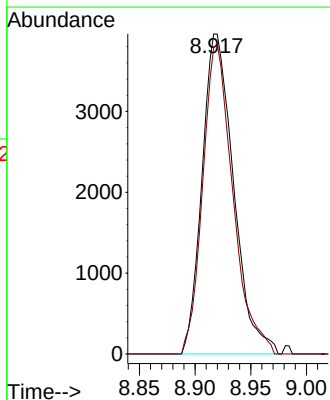
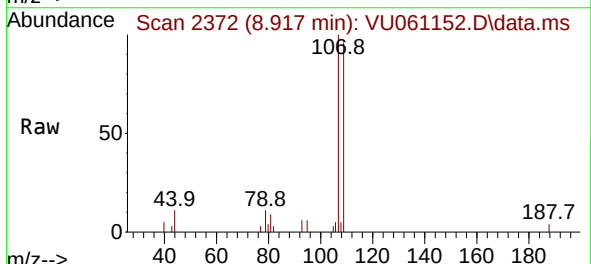
Manual Integrations
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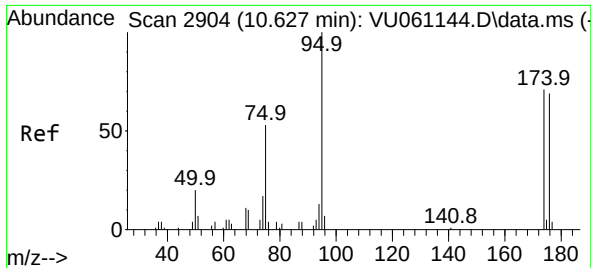
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#56
1,2-Dibromoethane
Concen: 0.903 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

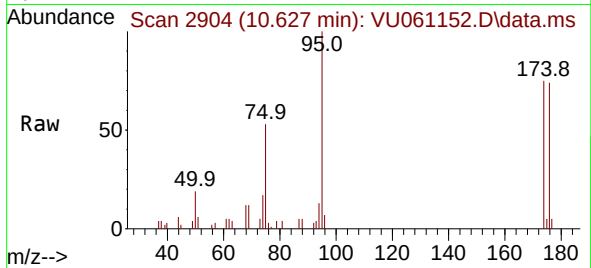
Tgt Ion:107 Resp: 7784
Ion Ratio Lower Upper
107 100
109 92.7 0.0 185.2





#57
4-Bromofluorobenzene
Concen: 0.995 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. -0.000 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

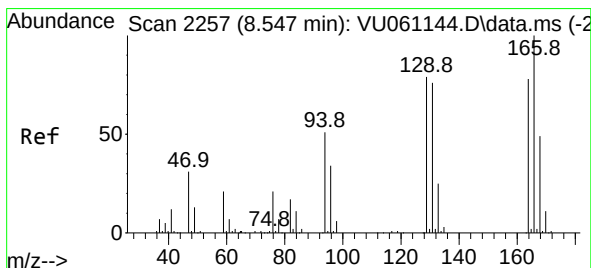
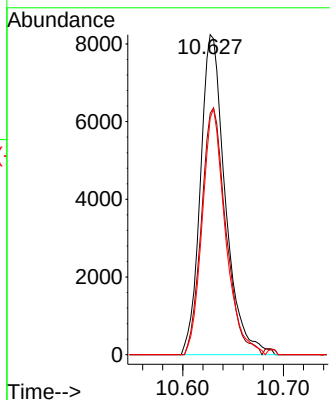
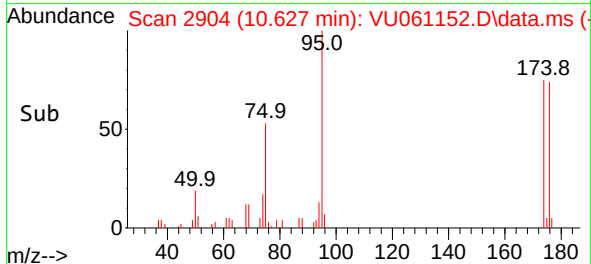
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 95 Resp: 1413
Ion Ratio Lower Upper
95 100
174 75.9 55.4 83.0
176 72.1 54.4 81.6

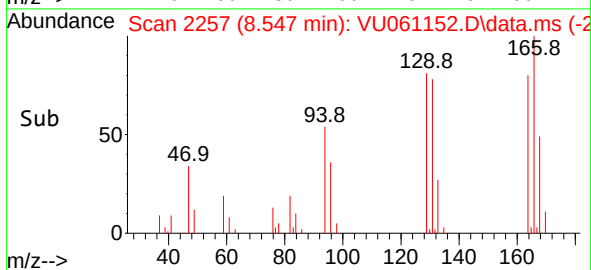
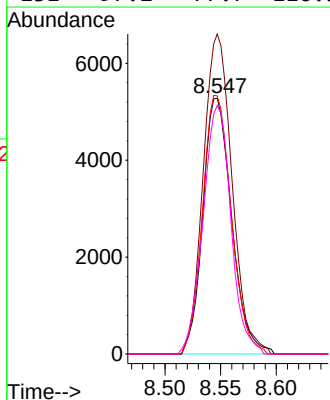
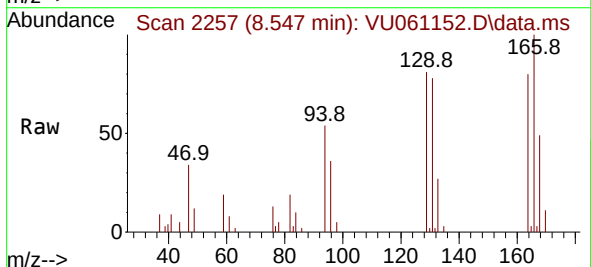
Manual Integrations
APPROVED

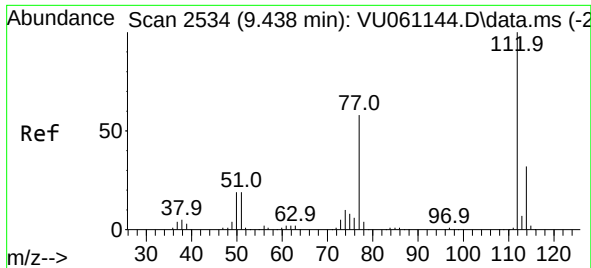
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#58
Tetrachloroethene
Concen: 0.825 ug/l
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

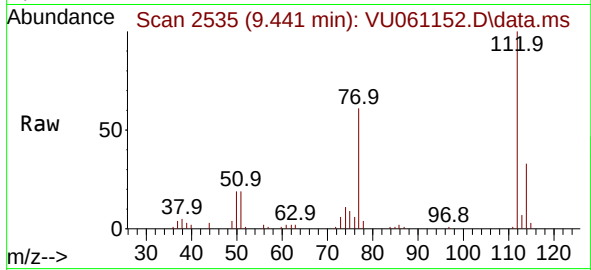
Tgt Ion:164 Resp: 9471
Ion Ratio Lower Upper
164 100
166 125.2 102.1 153.1
129 101.0 80.6 120.8
131 97.2 77.7 116.5





#59
Chlorobenzene
Concen: 0.863 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

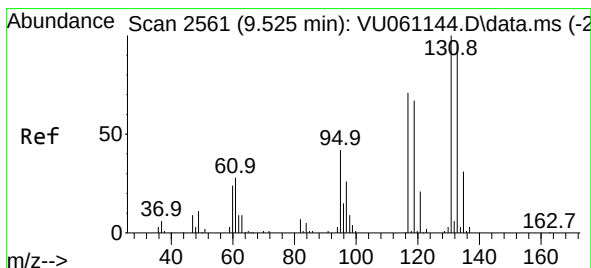
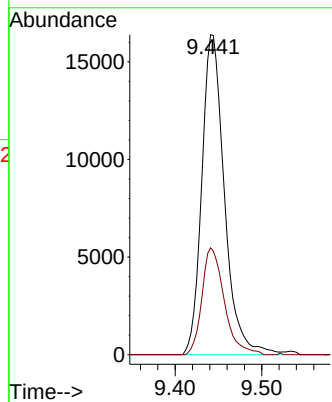
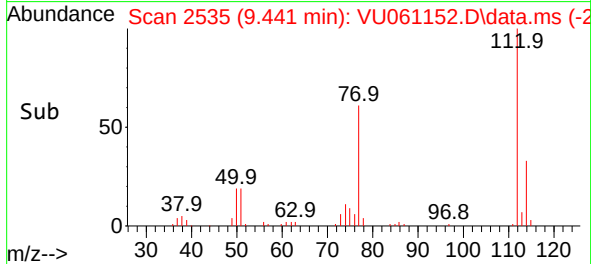
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:112 Resp: 29779
Ion Ratio Lower Upper
112 100
114 33.4 25.4 38.2

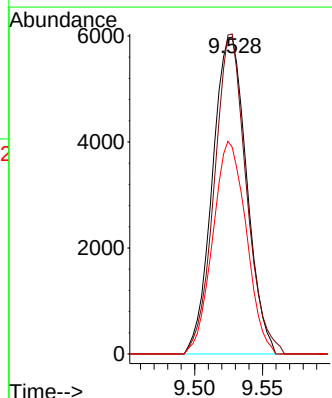
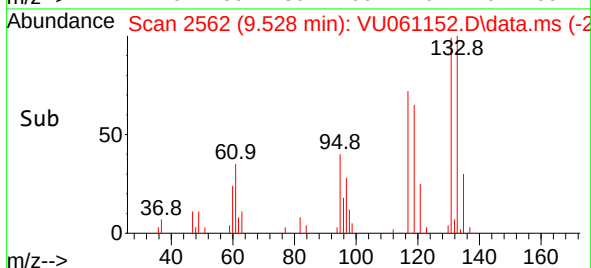
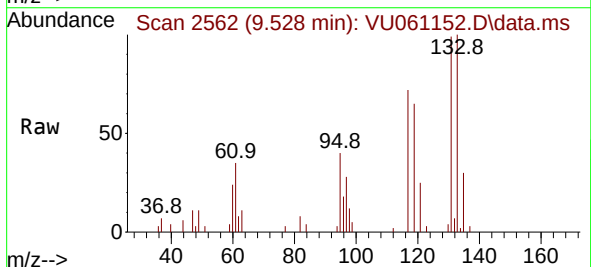
Manual Integrations
APPROVED

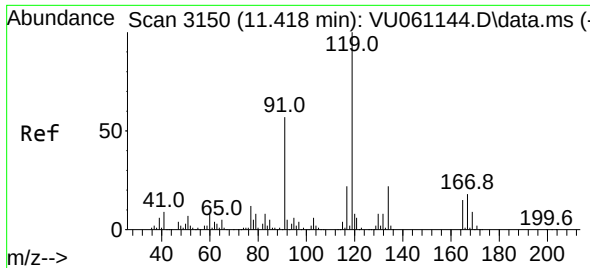
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#60
1,1,1,2-Tetrachloroethane
Concen: 0.899 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. 0.003 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

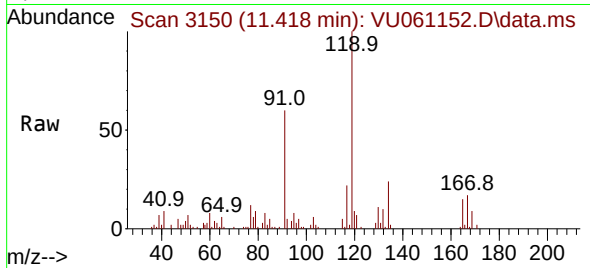
Tgt Ion:131 Resp: 10466
Ion Ratio Lower Upper
131 100
133 94.3 76.8 115.2
119 65.7 54.2 81.2





#61
 Pentachloroethane
 Concen: 0.805 ug/l
 RT: 11.418 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU061152.D
 Acq: 17 Oct 2024 19:31

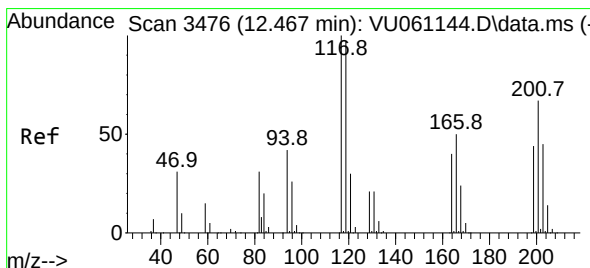
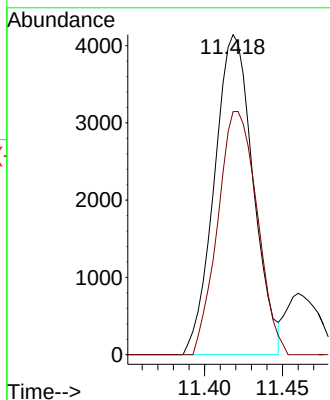
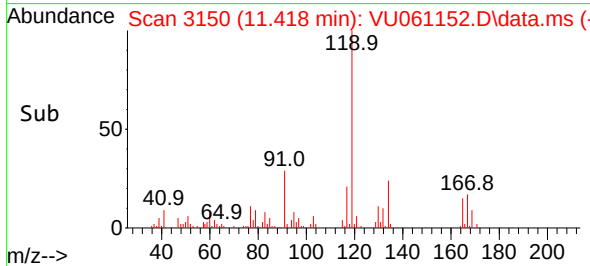
Instrument : MSVOA_U
 ClientSampleId : LOD-MDL-WATER-01-QT4-2024



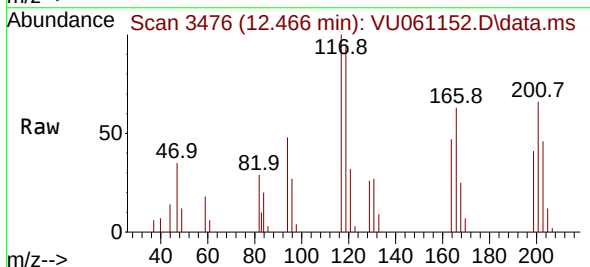
Tgt Ion:117 Resp: 7170
 Ion Ratio Lower Upper
 117 100
 167 77.1 63.4 95.2

Manual Integrations
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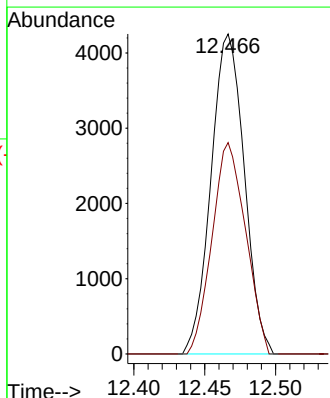
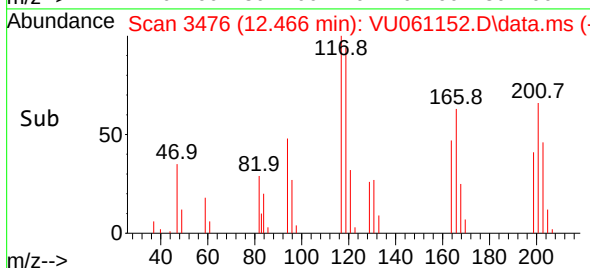
Reviewed By :Semsettin Yesilyurt 10/21/2024
 Supervised By :Mahesh Dadoda 10/21/2024

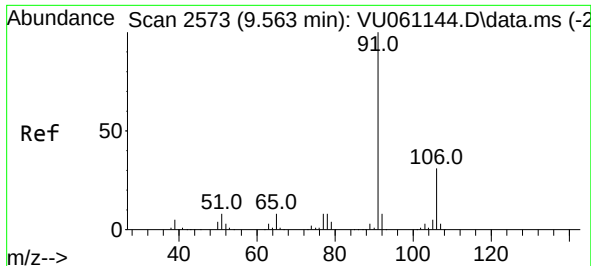


#62
 Hexachloroethane
 Concen: 0.756 ug/l
 RT: 12.466 min Scan# 3476
 Delta R.T. -0.000 min
 Lab File: VU061152.D
 Acq: 17 Oct 2024 19:31



Tgt Ion:117 Resp: 6945
 Ion Ratio Lower Upper
 117 100
 201 66.5 54.3 81.5





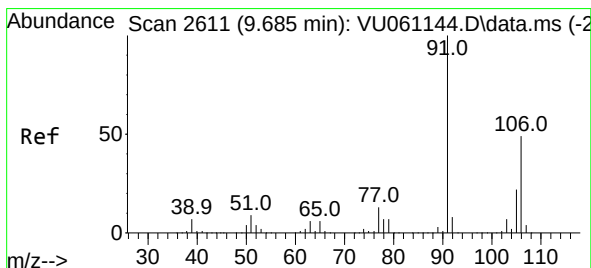
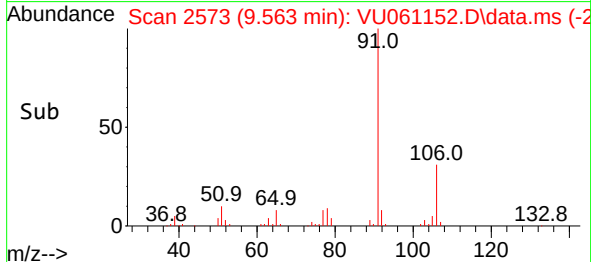
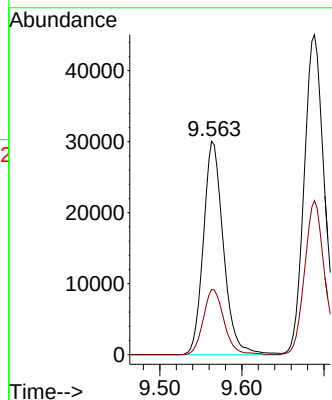
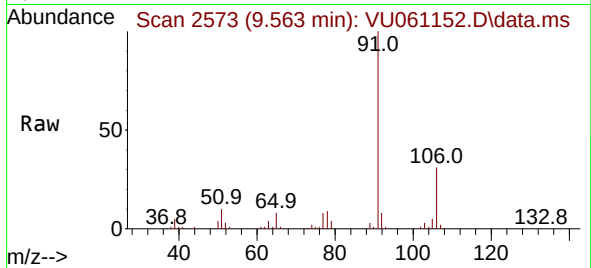
#63
Ethyl Benzene
Concen: 0.825 ug/l
RT: 9.563 min Scan# 2100
Delta R.T. -0.000 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

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

Tgt Ion: 91 Resp: 51009
Ion Ratio Lower Upper
91 100
106 30.5 24.6 37.0

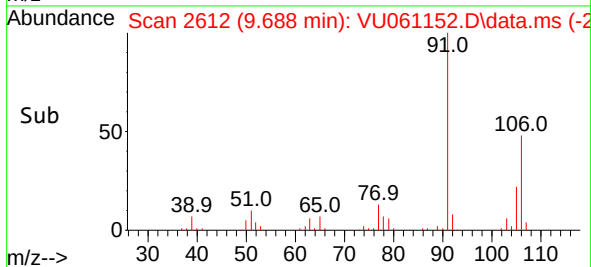
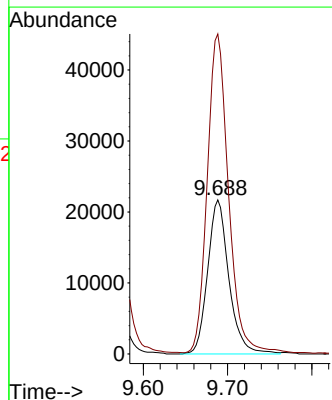
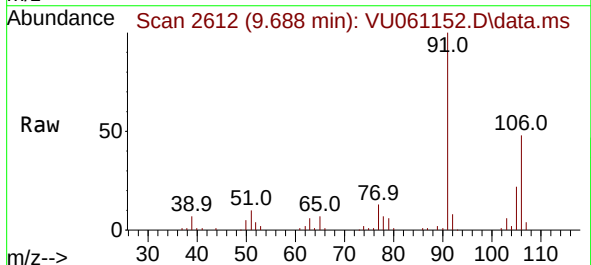
Manual Integrations
APPROVED

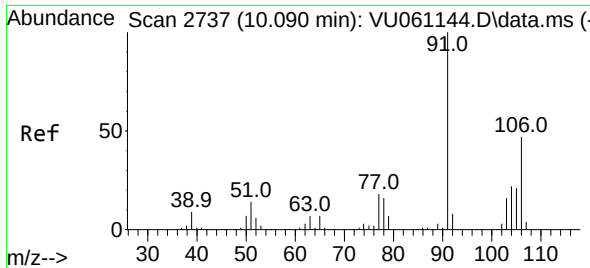
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#64
m/p-Xylenes
Concen: 1.618 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

Tgt Ion:106 Resp: 38085
Ion Ratio Lower Upper
106 100
91 206.9 163.3 244.9





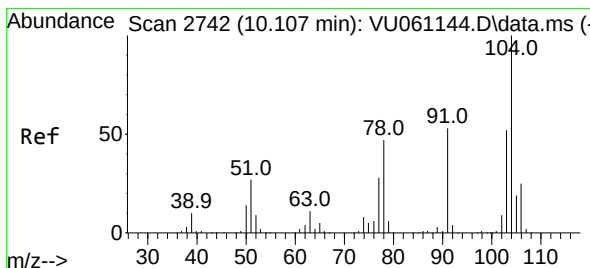
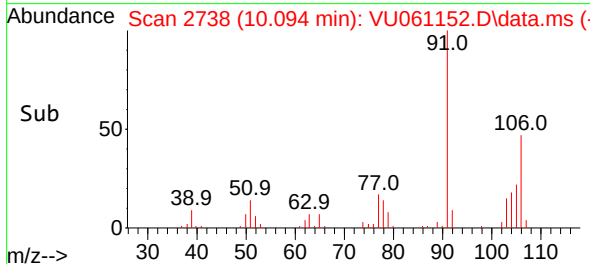
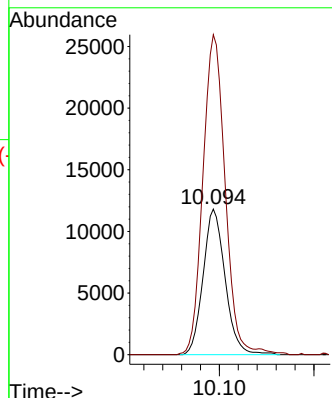
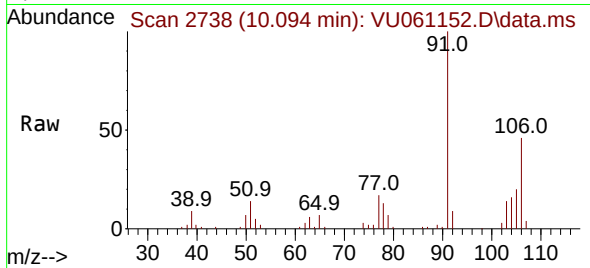
#65
o-Xylene
Concen: 0.825 ug/l
RT: 10.094 min Scan# 2737
Delta R.T. 0.003 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

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

Tgt Ion:106 Resp: 1912
Ion Ratio Lower Upper
106 100
91 222.2 106.9 320.8

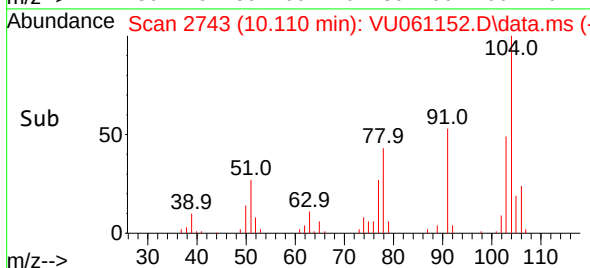
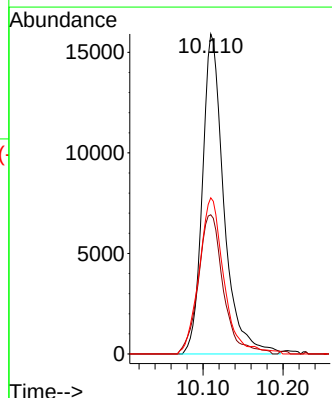
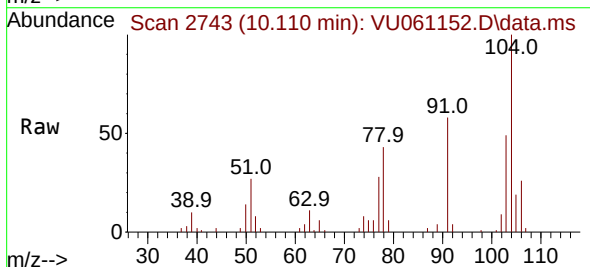
Manual Integrations
APPROVED

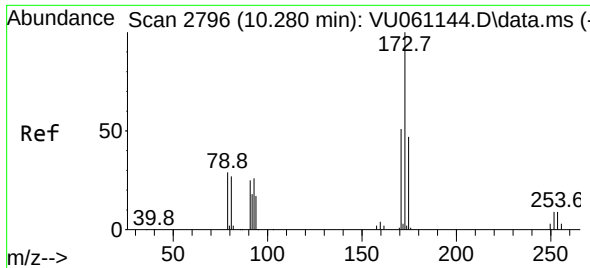
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#66
Styrene
Concen: 0.826 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. 0.003 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

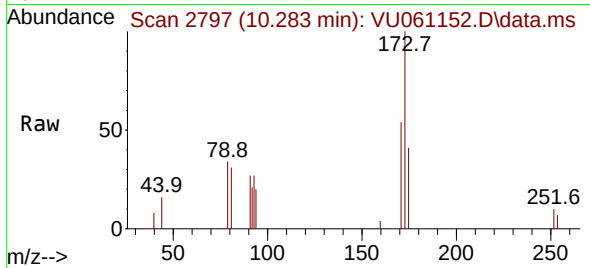
Tgt Ion:104 Resp: 29768
Ion Ratio Lower Upper
104 100
78 50.6 41.6 62.4
103 56.5 45.0 67.6





#67
Bromoform
Concen: 0.839 ug/l
RT: 10.283 min Scan# 2797
Delta R.T. 0.003 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

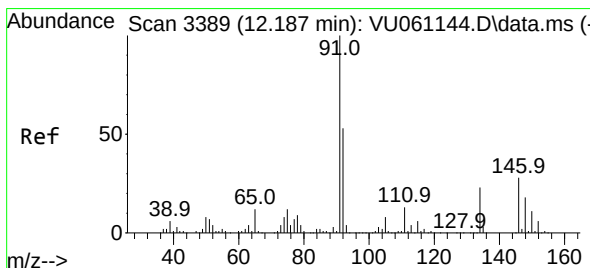
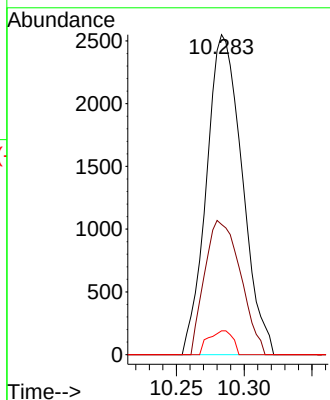
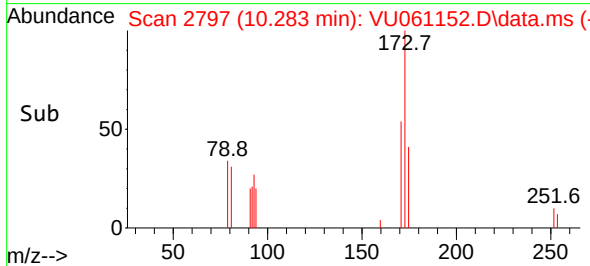
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



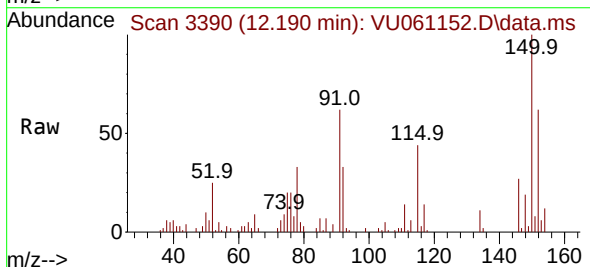
Tgt Ion:173 Resp: 466
Ion Ratio Lower Upper
173 100
175 42.1 37.8 56.8
254 5.0 7.0 10.4

Manual Integrations
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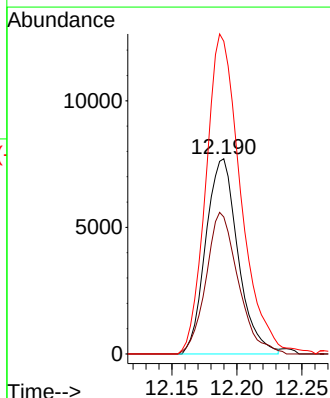
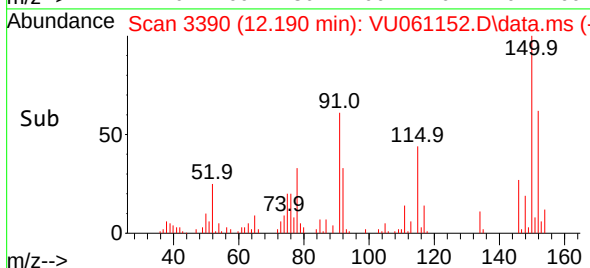
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024

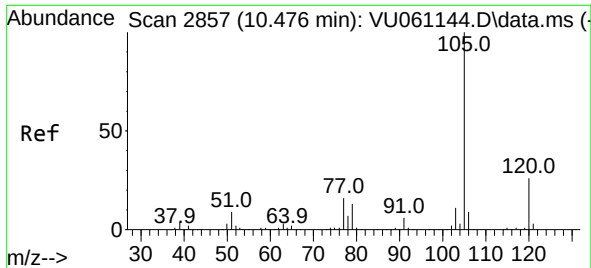


#68
1,2-Dichlorobenzene-d4
Concen: 0.951 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. 0.003 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31



Tgt Ion:152 Resp: 13298
Ion Ratio Lower Upper
152 100
115 72.6 0.0 275.0
150 177.3 0.0 668.8





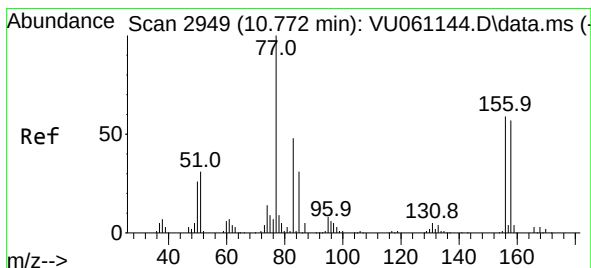
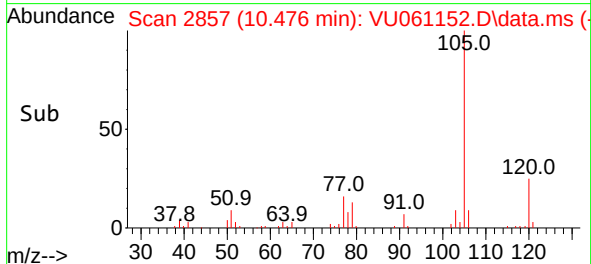
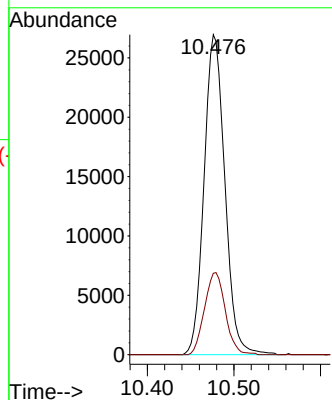
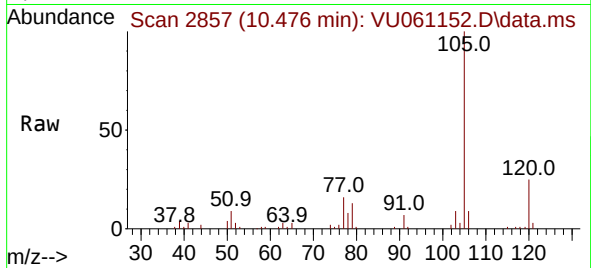
#69
Isopropylbenzene
Concen: 0.816 ug/l
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

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

Tgt Ion:105 Resp: 4498
Ion Ratio Lower Upper
105 100
120 25.7 13.1 39.1

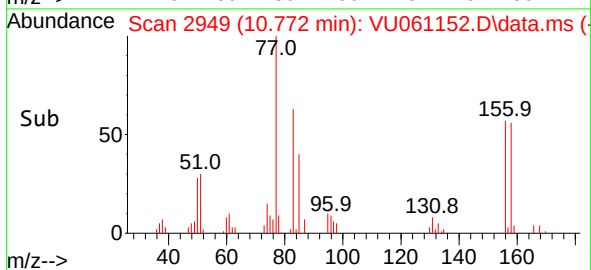
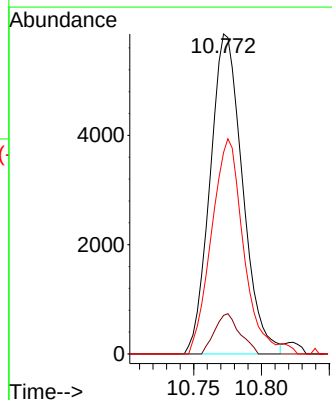
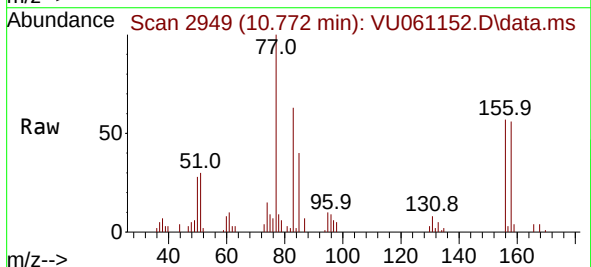
Manual Integrations
APPROVED

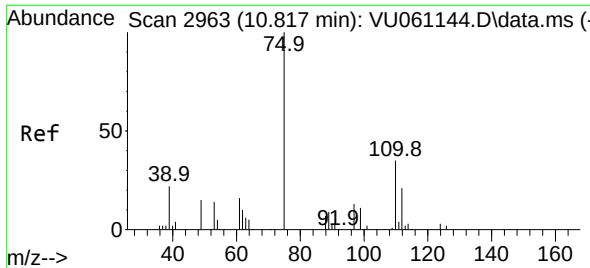
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#70
1,1,2,2-Tetrachloroethane
Concen: 0.894 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

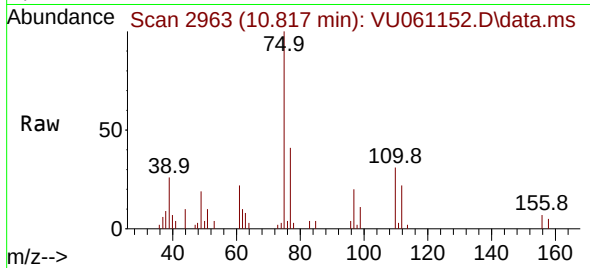
Tgt Ion: 83 Resp: 9759
Ion Ratio Lower Upper
83 100
131 9.7 7.8 11.8
85 66.7 50.8 76.2





#71
1,2,3-Trichloropropane
Concen: 0.862 ug/l m
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

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

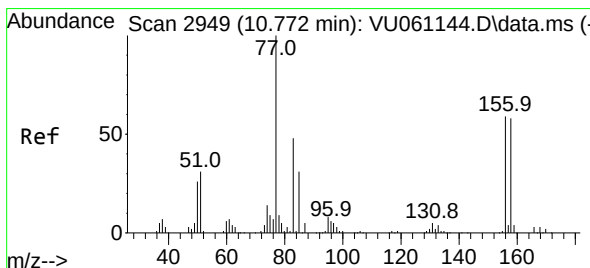
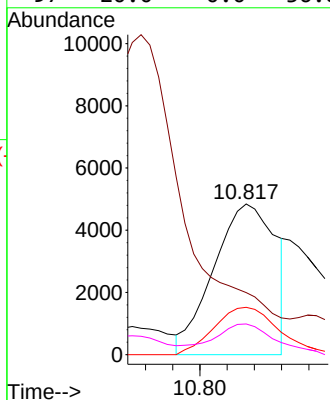
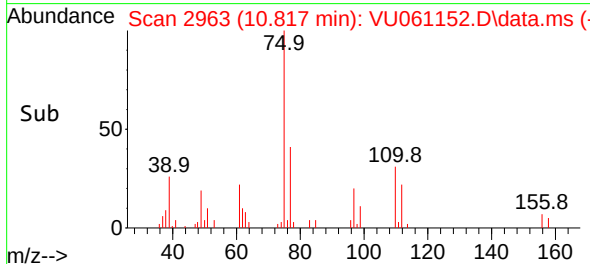


Tgt Ion: 75 Resp: 766

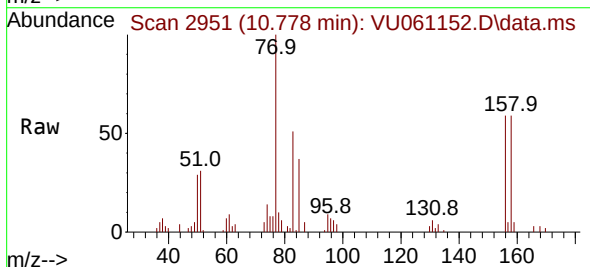
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	32.8	0.0	68.6
97	20.0	0.0	36.8

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024

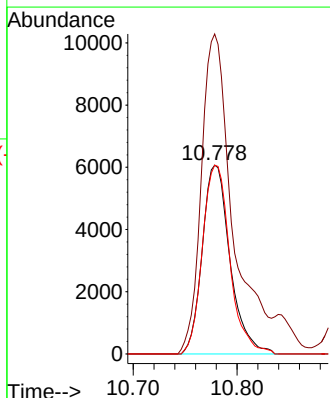
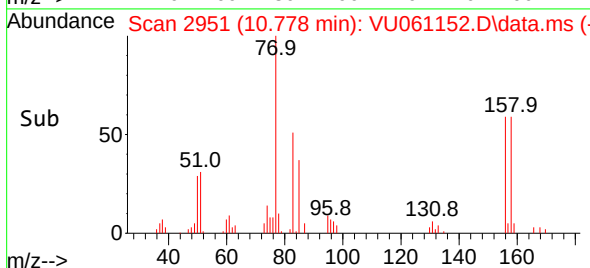


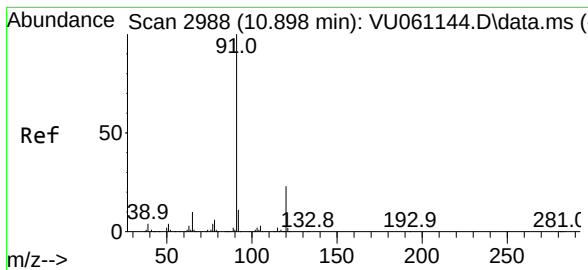
#72
Bromobenzene
Concen: 0.851 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.006 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31



Tgt Ion:156 Resp: 11288

Ion	Ratio	Lower	Upper
156	100		
77	191.5	0.0	337.2
158	98.8	0.0	192.8





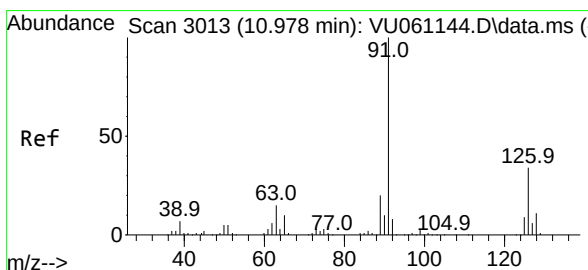
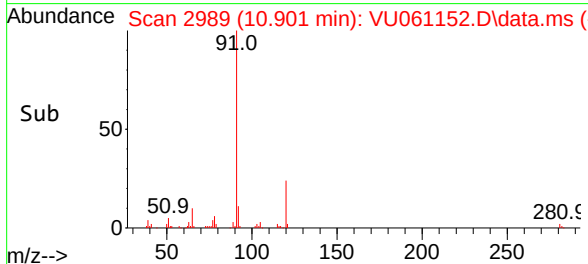
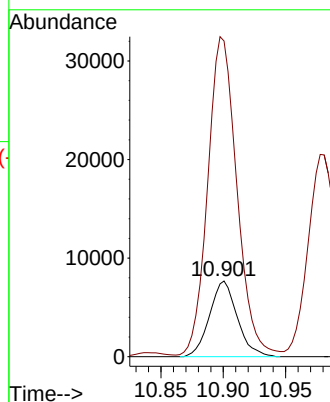
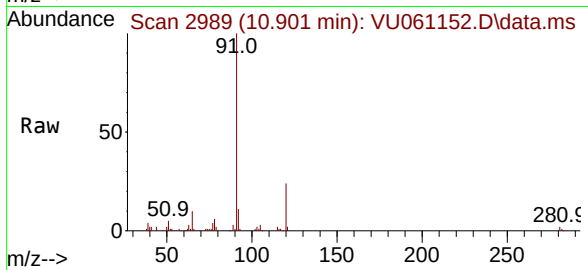
#73
n-propylbenzene
Concen: 0.739 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.003 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

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

Tgt Ion:120 Resp: 1189
Ion Ratio Lower Upper
120 100
91 439.7 353.6 530.4

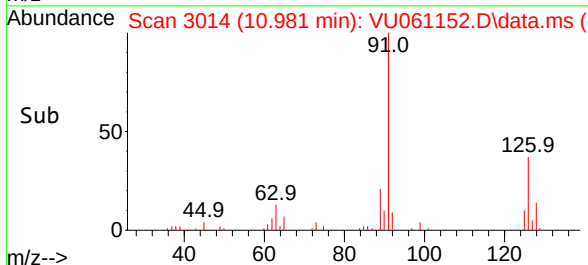
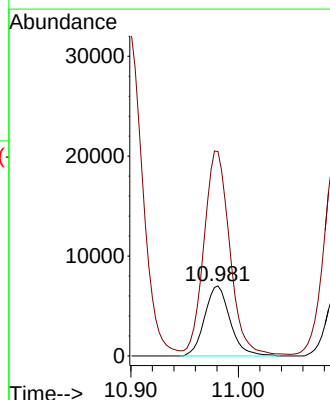
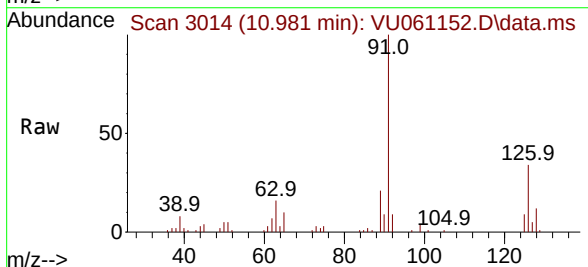
Manual Integrations
APPROVED

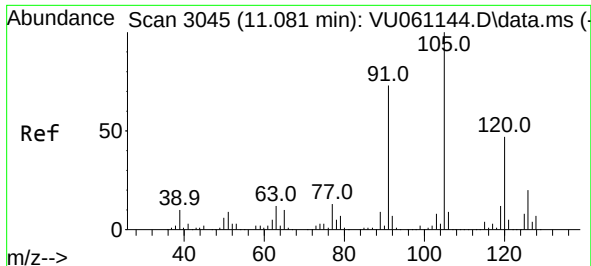
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#74
2-Chlorotoluene
Concen: 0.826 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

Tgt Ion:126 Resp: 11496
Ion Ratio Lower Upper
126 100
91 292.7 0.0 595.2





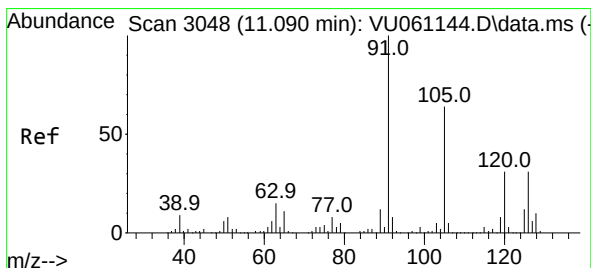
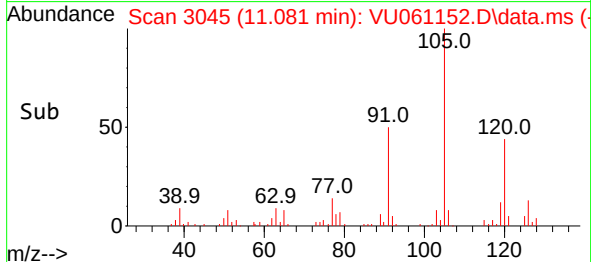
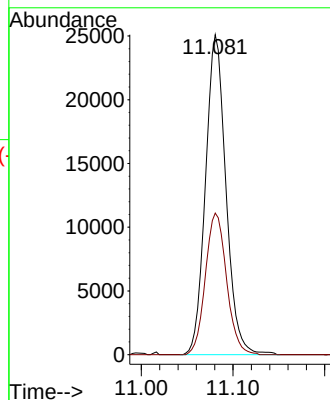
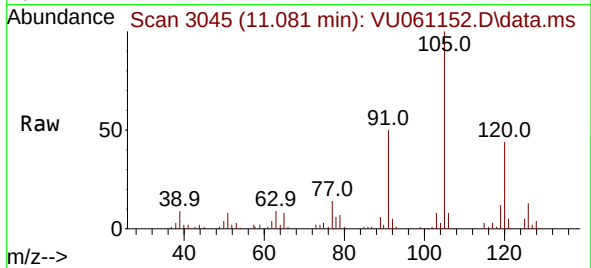
#75
1,3,5-Trimethylbenzene
Concen: 0.782 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

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

Tgt Ion:105 Resp: 3889
Ion Ratio Lower Upper
105 100
120 45.9 38.0 57.0

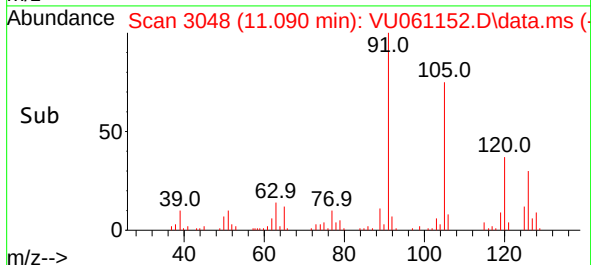
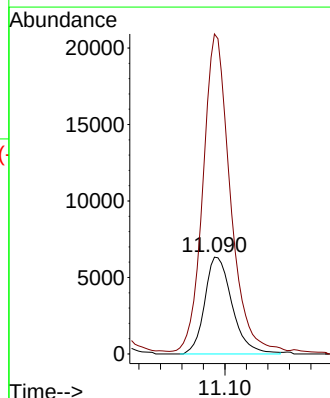
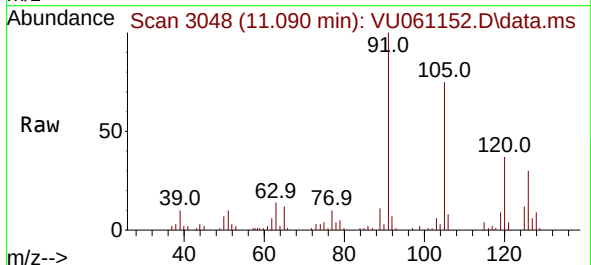
Manual Integrations
APPROVED

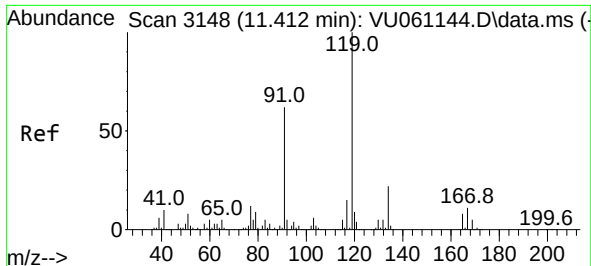
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#76
4-Chlorotoluene
Concen: 0.792 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. -0.000 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

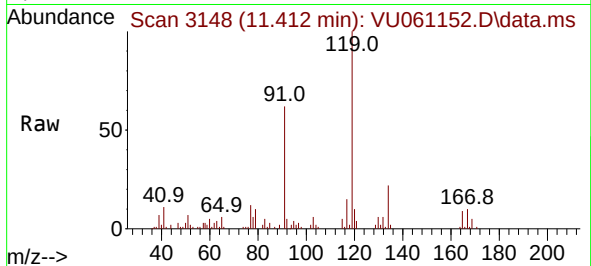
Tgt Ion:126 Resp: 11200
Ion Ratio Lower Upper
126 100
91 324.2 0.0 678.2





#77
tert-Butylbenzene
Concen: 0.804 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

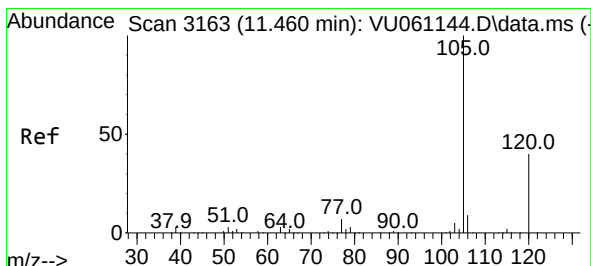
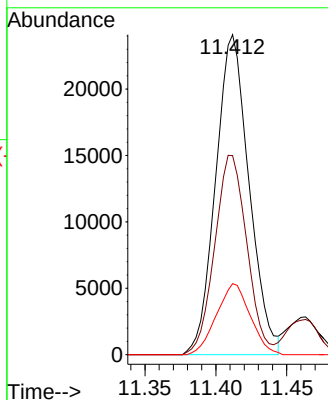
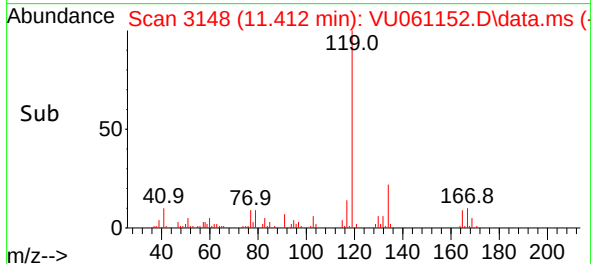
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:119 Resp: 3953
Ion Ratio Lower Upper
119 100
91 60.0 30.1 90.5
134 22.4 17.5 26.3

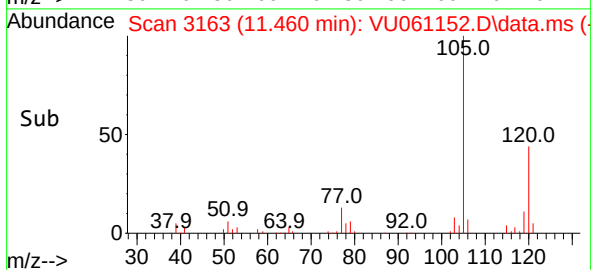
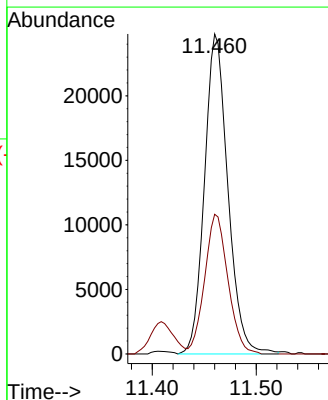
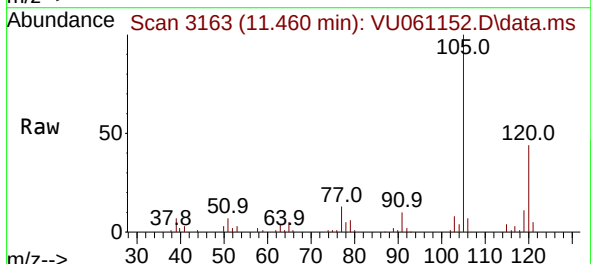
Manual Integrations
APPROVED

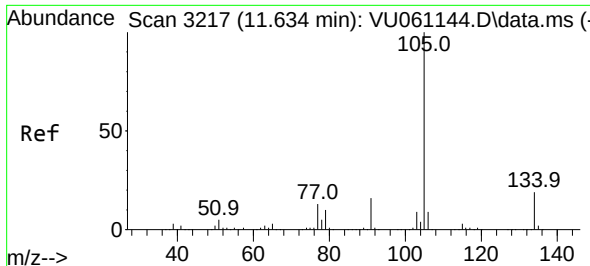
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#78
1,2,4-Trimethylbenzene
Concen: 0.771 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

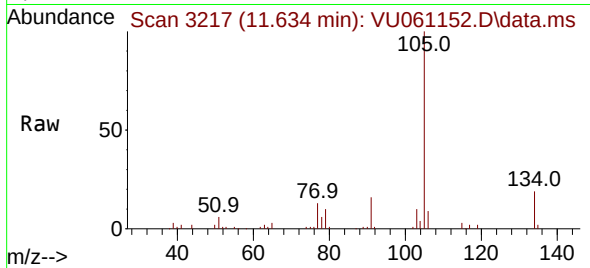
Tgt Ion:105 Resp: 38697
Ion Ratio Lower Upper
105 100
120 43.4 22.3 66.9





#79
 sec-Butylbenzene
 Concen: 0.733 ug/l
 RT: 11.634 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU061152.D
 Acq: 17 Oct 2024 19:31

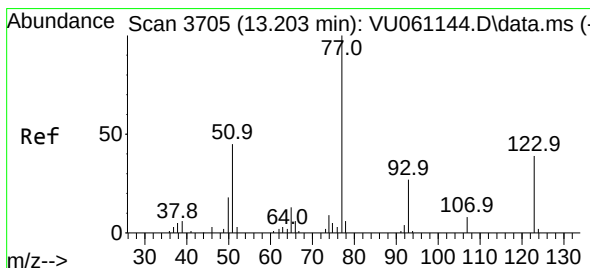
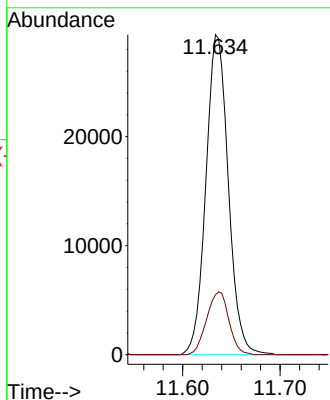
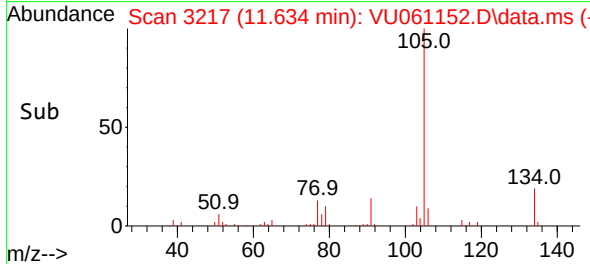
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024



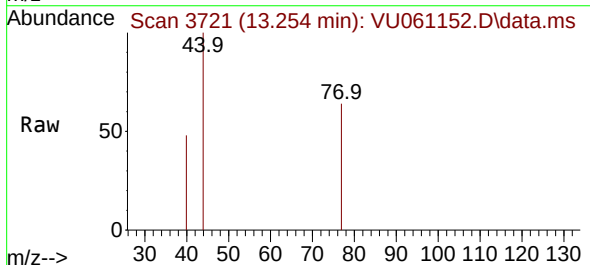
Tgt Ion:105 Resp: 46904
 Ion Ratio Lower Upper
 105 100
 134 19.5 15.5 23.3

Manual Integrations
 APPROVED

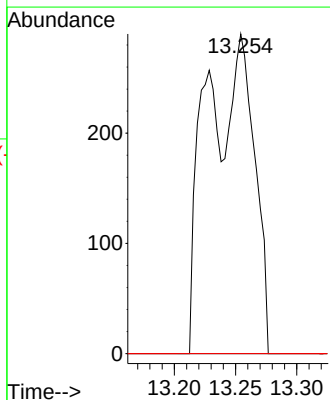
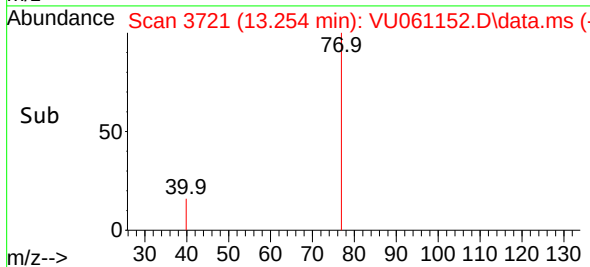
Reviewed By :Semsettin Yesilyurt 10/21/2024
 Supervised By :Mahesh Dadoda 10/21/2024

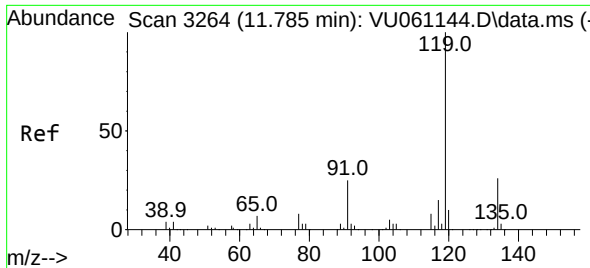


#80
 Nitrobenzene
 Concen: 3.211 ug/l m
 RT: 13.254 min Scan# 3721
 Delta R.T. 0.051 min
 Lab File: VU061152.D
 Acq: 17 Oct 2024 19:31



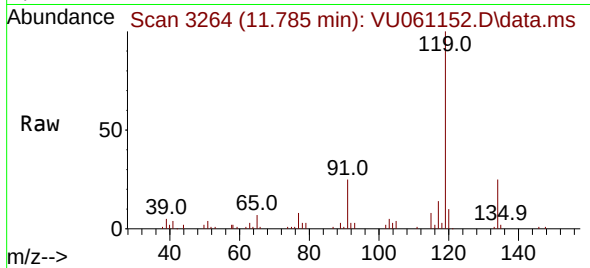
Tgt Ion: 77 Resp: 767
 Ion Ratio Lower Upper
 77 100
 123 0.0 15.6 55.2#
 65 0.0 10.7 13.7#





#81
p-Isopropyltoluene
Concen: 0.693 ug/l
RT: 11.785 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

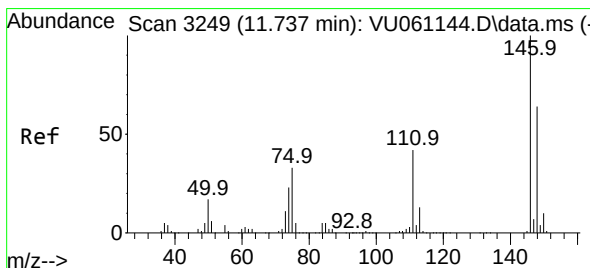
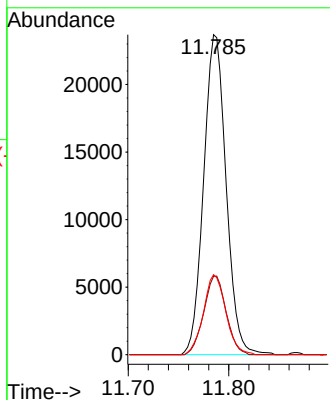
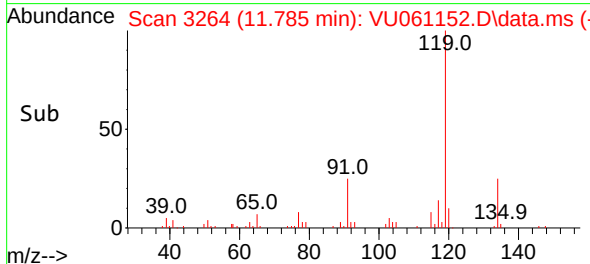
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



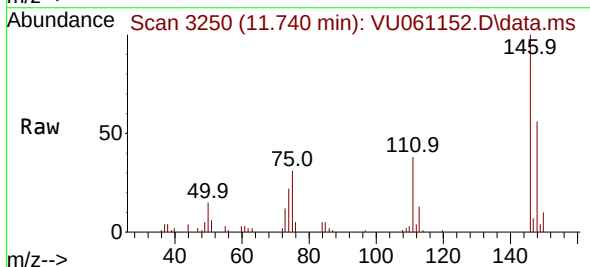
Tgt Ion:119 Resp: 36740
Ion Ratio Lower Upper
119 100
134 24.4 21.0 31.6
91 24.8 19.8 29.8

Manual Integrations
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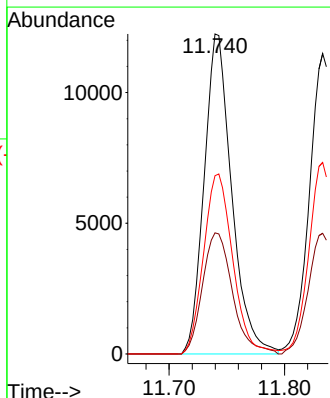
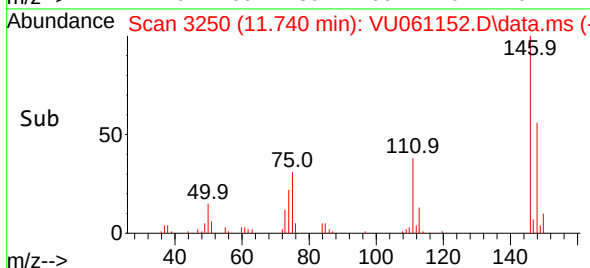
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024

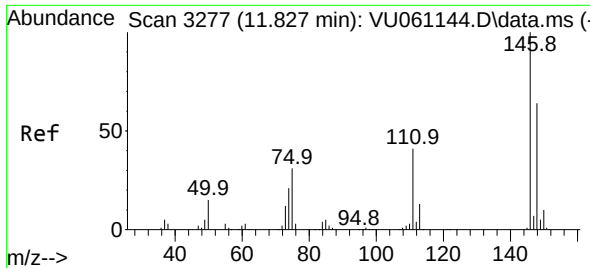


#82
1,3-Dichlorobenzene
Concen: 0.798 ug/l
RT: 11.740 min Scan# 3250
Delta R.T. 0.003 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31



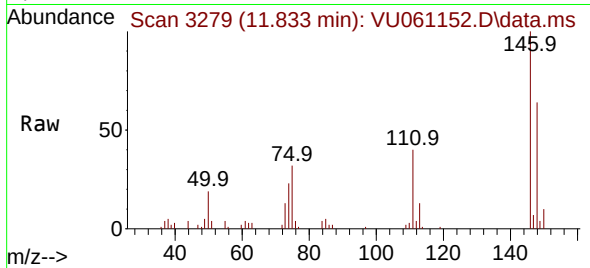
Tgt Ion:146 Resp: 20294
Ion Ratio Lower Upper
146 100
111 41.2 34.1 51.1
148 59.5 51.2 76.8





#83
1,4-Dichlorobenzene
Concen: 0.748 ug/l
RT: 11.833 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

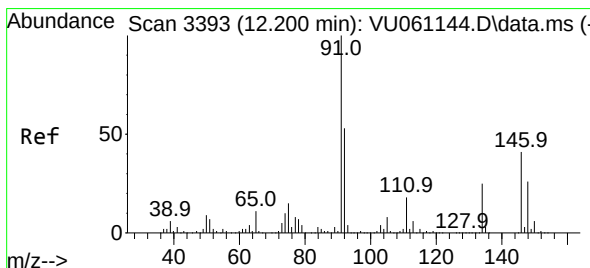
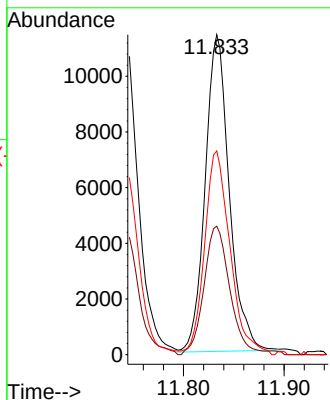
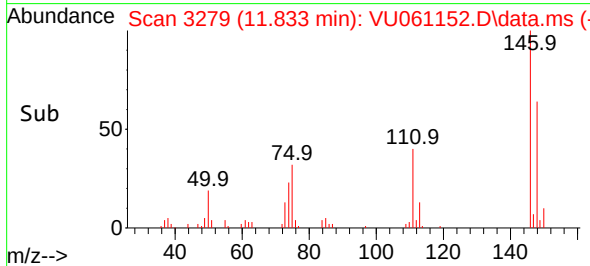
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



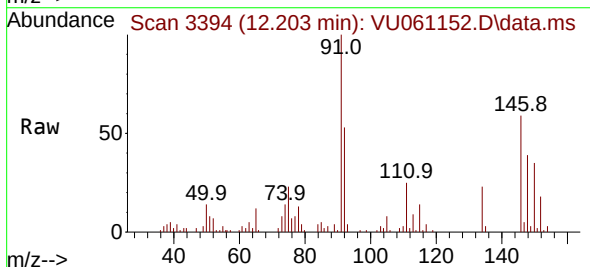
Tgt Ion:146 Resp: 18970
Ion Ratio Lower Upper
146 100
111 43.3 32.1 48.1
148 68.2 50.3 75.5

Manual Integrations
APPROVED

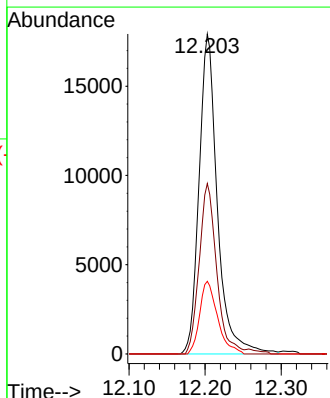
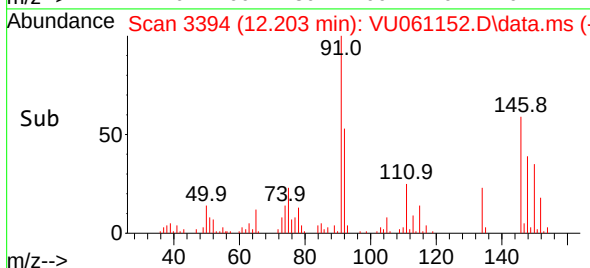
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024

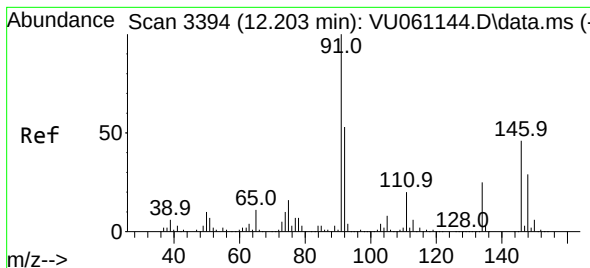


#84
n-Butylbenzene
Concen: 0.609 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31



Tgt Ion: 91 Resp: 29933
Ion Ratio Lower Upper
91 100
92 50.6 41.8 62.8
134 22.2 19.7 29.5





#85

1,2-Dichlorobenzene

Concen: 0.847 ug/l

RT: 12.206 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU061152.D

Acq: 17 Oct 2024 19:31

Instrument :

MSVOA_U

ClientSampleId :

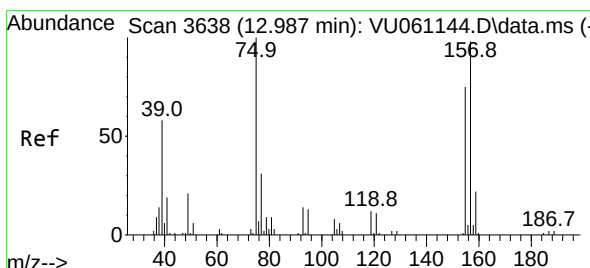
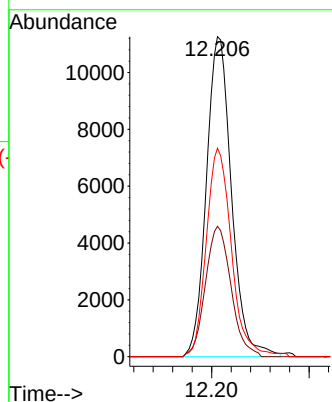
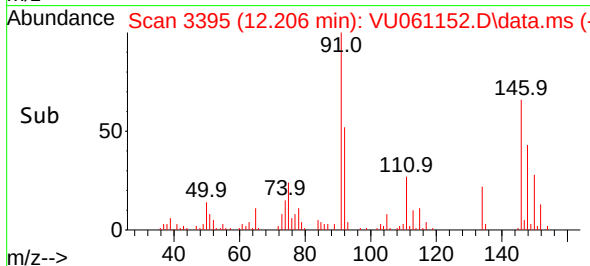
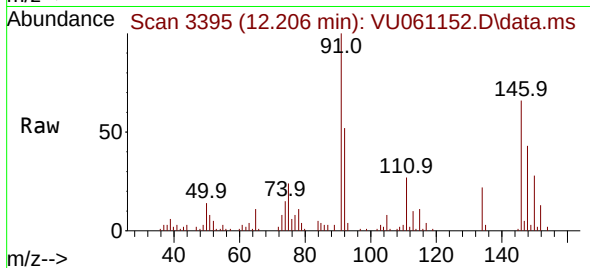
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:	146	Resp:	2014
Ion Ratio	Lower	Upper	
146	100		
111	41.5	21.9	65.7
148	65.5	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.824 ug/l

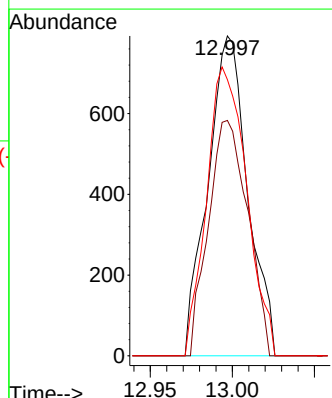
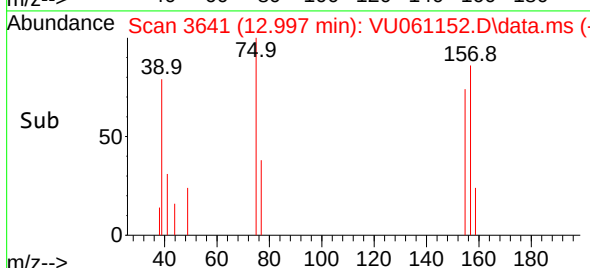
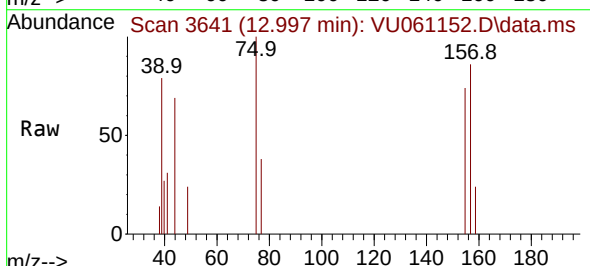
RT: 12.997 min Scan# 3641

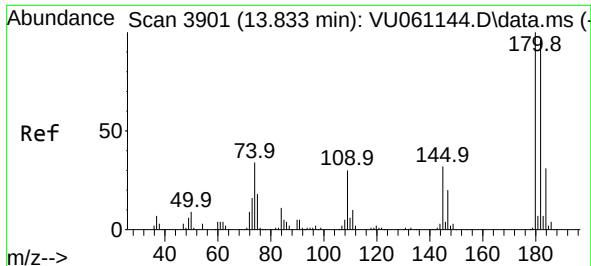
Delta R.T. 0.009 min

Lab File: VU061152.D

Acq: 17 Oct 2024 19:31

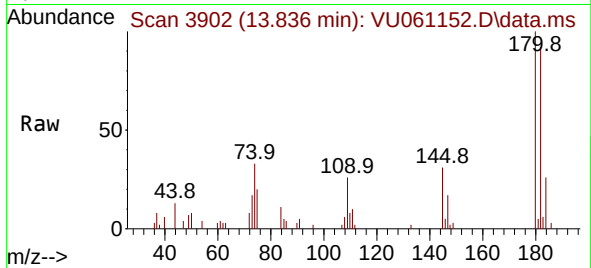
Tgt Ion:	75	Resp:	1334
Ion Ratio	Lower	Upper	
75	100		
155	72.9	61.4	92.0
157	90.9	78.5	117.7





#87
1,2,4-Trichlorobenzene
Concen: 0.661 ug/l
RT: 13.836 min Scan# 3901
Delta R.T. 0.003 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

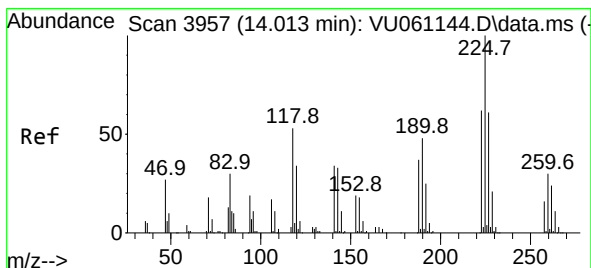
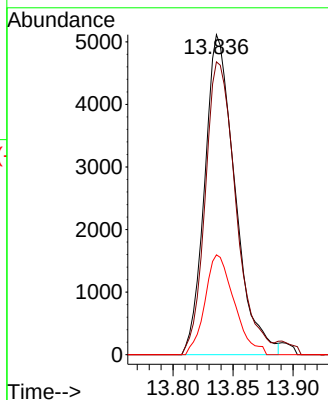
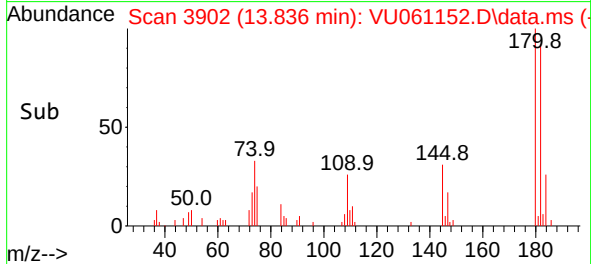
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:180 Resp: 8992
Ion Ratio Lower Upper
180 100
182 92.8 77.0 115.6
145 30.0 25.7 38.5

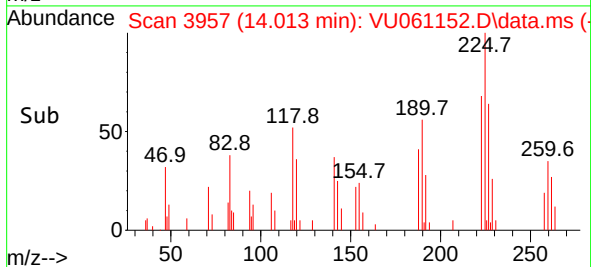
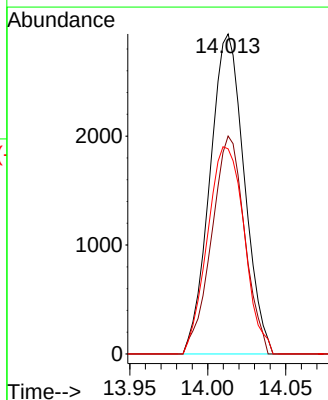
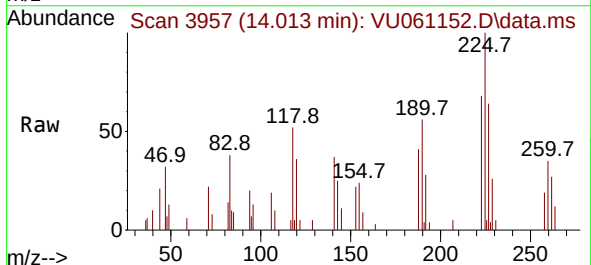
Manual Integrations
APPROVED

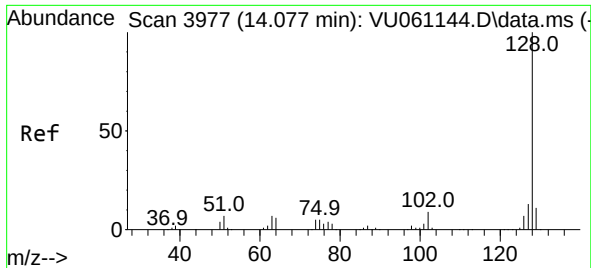
Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#88
Hexachlorobutadiene
Concen: 0.585 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. -0.000 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

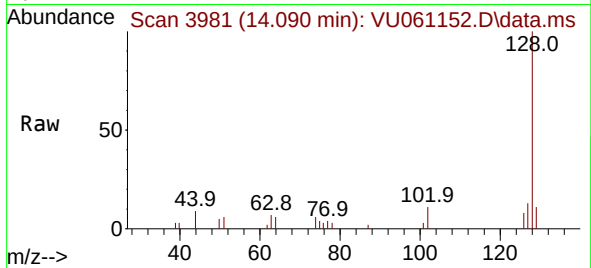
Tgt Ion:225 Resp: 4502
Ion Ratio Lower Upper
225 100
223 65.6 51.4 77.2
227 69.5 50.3 75.5





#89
Naphthalene
Concen: 0.681 ug/l
RT: 14.090 min Scan# 3977
Delta R.T. 0.013 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31

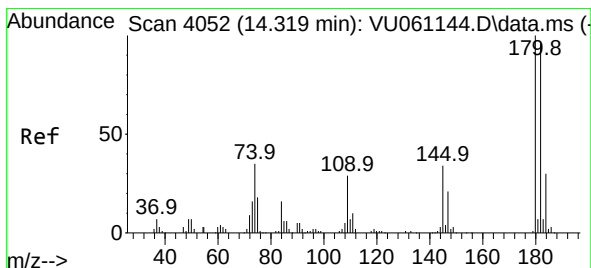
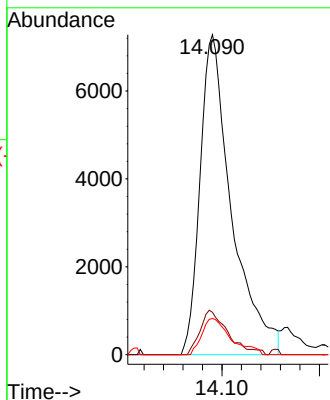
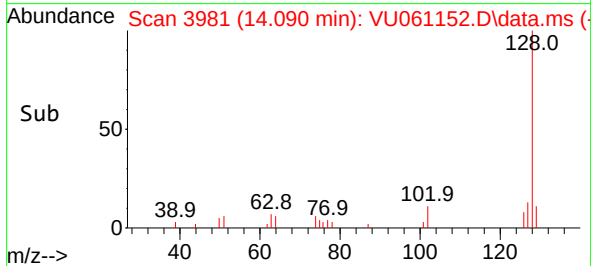
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



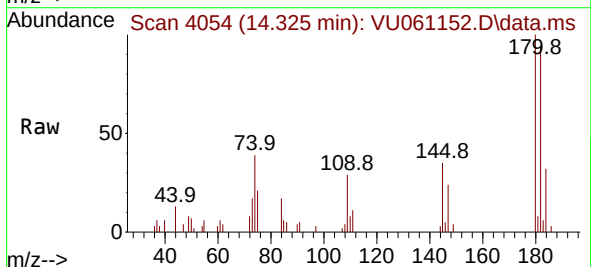
Tgt Ion:128 Resp: 16349
Ion Ratio Lower Upper
128 100
127 12.3 10.6 16.0
129 10.4 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/21/2024
Supervised By :Mahesh Dadoda 10/21/2024



#90
1,2,3-Trichlorobenzene
Concen: 0.704 ug/l
RT: 14.325 min Scan# 4054
Delta R.T. 0.006 min
Lab File: VU061152.D
Acq: 17 Oct 2024 19:31



Tgt Ion:180 Resp: 8604
Ion Ratio Lower Upper
180 100
182 95.9 76.2 114.4
145 33.5 26.8 40.2

