

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102124\
 Data File : VU061172.D
 Acq On : 21 Oct 2024 15:18
 Operator : MD/SY
 Sample : P4368-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Fluorobenzene	6.113	96	28019	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	14171	0.952	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	14061	0.959	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	13305	0.862	ug/l	99
3) Chloromethane	1.518	50	14452	0.984	ug/l	99
4) Vinyl Chloride	1.599	62	13573	0.900	ug/l	99
5) Bromomethane	1.853	94	8862	0.935	ug/l	100
6) Chloroethane	1.930	64	9680	0.958	ug/l	97
7) Trichlorofluoromethane	2.133	101	19206	0.895	ug/l	93
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	9726	0.912	ug/l	95
9) 1,1-Dichloroethene	2.573	96	10500	0.944	ug/l	92
10) Iodomethane	2.715	142	10929	0.826	ug/l	99
11) Allyl Chloride	2.920	41	13056	0.912	ug/l	99
12) Acrylonitrile	3.335	53	4295m	1.921	ug/l	
13) Acetone	2.644	43	17008	5.832	ug/l	99
14) Carbon Disulfide	2.785	76	33893	0.885	ug/l	98
15) Methylene Chloride	3.039	84	13528	0.940	ug/l	99
16) trans-1,2-Dichloroethene	3.348	96	11712	0.898	ug/l	99
17) 1,1-Dichloroethane	3.862	63	21209	0.917	ug/l	99
18) 2-Butanone	4.727	43	18231m	5.106	ug/l	
19) Cyclohexane	5.380	56	18224m	0.880	ug/l	
20) Methylcyclohexane	6.753	83	20232	0.876	ug/l	97
21) 2,2-Dichloropropane	4.653	77	19273	0.904	ug/l	98
22) cis-1,2-Dichloroethene	4.663	96	13246	0.933	ug/l	98
23) Diethyl Ether	2.374	59	7999	0.926	ug/l	95
24) tert-Butyl Alcohol	3.242	59	9493m	10.532	ug/l	
25) Methyl tert-Butyl Ether	3.358	73	27012	0.907	ug/l	96
26) Bromochloromethane	4.972	128	5114	0.861	ug/l	98
27) Chloroform	5.081	83	22671	0.935	ug/l	99
28) 1,1,1-Trichloroethane	5.306	97	19167	0.897	ug/l	100
29) 1,1-Dichloropropene	5.522	75	16934	0.896	ug/l	98
30) Carbon Tetrachloride	5.518	117	16610	0.896	ug/l	99
31) Isopropyl Ether	3.988	45	30290	0.918	ug/l	99
32) Ethyl-t-butyl ether	4.499	59	30960	0.913	ug/l	99
33) Tert-Amyl methyl ether	5.933	73	27948	0.916	ug/l	99
34) Propionitrile	4.821	54	4276m	5.020	ug/l	
35) Benzene	5.769	78	48517	0.912	ug/l	99
36) 1,2-Dichloroethane	5.795	62	13996	0.932	ug/l	98
37) Trichloroethene	6.541	130	12861	0.906	ug/l	95
38) 1,2-Dichloropropane	6.785	63	12163	0.903	ug/l	99
39) Methacrylonitrile	4.988	41	2854	0.930	ug/l #	85
40) Methyl acrylate	4.878	55	5898m	0.948	ug/l	
41) Tetrahydrofuran	5.068	42	3315	1.799	ug/l	93
42) 1-Chlorobutane	5.454	56	21448	0.885	ug/l	97
43) Dibromomethane	6.914	93	6405	0.917	ug/l	98
44) Bromodichloromethane	7.097	83	15581	0.917	ug/l	98

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 LOQ-WATER-02-QT4-2024

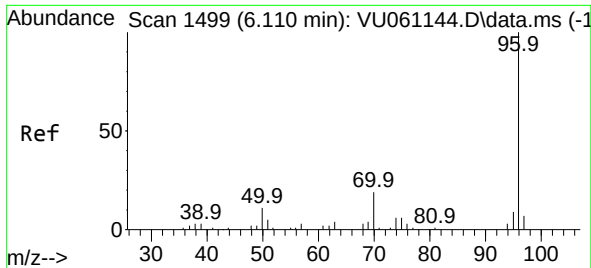
Quant Time: Oct 22 01:37:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101724DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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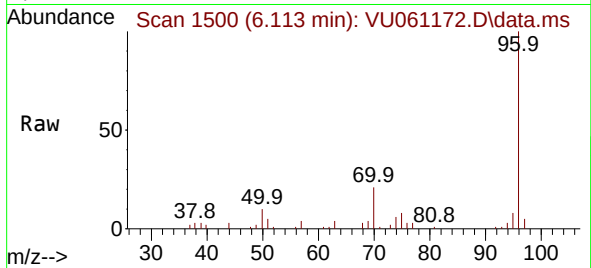
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.788	43	32335	4.612	ug/l	97
46) t-1,4-Dichloro-2-butene	10.827	75	5764m	2.062	ug/l	
47) Methyl methacrylate	6.965	69	11178m	1.841	ug/l	
48) Ethyl methacrylate	8.335	69	11189	0.864	ug/l	96
49) Toluene	7.962	92	30589	0.910	ug/l	99
50) t-1,3-Dichloropropene	8.210	75	14526	0.887	ug/l	94
51) cis-1,3-Dichloropropene	7.605	75	18400	0.916	ug/l	98
52) 1,1,2-Trichloroethane	8.396	97	8556	0.908	ug/l	97
53) 1,3-Dichloropropane	8.570	76	16502	0.997	ug/l	94
54) 2-Hexanone	8.685	43	27182	4.719	ug/l	100
55) Dibromochloromethane	8.804	129	9912	0.891	ug/l	100
56) 1,2-Dibromoethane	8.920	107	7991	0.884	ug/l	99
58) Tetrachloroethene	8.547	164	10765	0.894	ug/l	95
59) Chlorobenzene	9.444	112	32060	0.886	ug/l	95
60) 1,1,1,2-Tetrachloroethane	9.528	131	11225	0.919	ug/l	96
61) Pentachloroethane	11.418	117	8047	0.861	ug/l	96
62) Hexachloroethane	12.467	117	7977	0.829	ug/l	98
63) Ethyl Benzene	9.566	91	56305	0.868	ug/l	98
64) m/p-Xylenes	9.689	106	43846	1.777	ug/l	96
65) o-Xylene	10.094	106	21189	0.872	ug/l	97
66) Styrene	10.110	104	32474	0.859	ug/l	99
67) Bromoform	10.283	173	5049	0.867	ug/l #	96
69) Isopropylbenzene	10.476	105	50805	0.879	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.772	83	10281	0.899	ug/l	97
71) 1,2,3-Trichloropropane	10.817	75	7732m	0.830	ug/l	
72) Bromobenzene	10.779	156	12255	0.881	ug/l	86
73) n-propylbenzene	10.901	120	14220	0.843	ug/l	100
74) 2-Chlorotoluene	10.981	126	13389	0.917	ug/l	95
75) 1,3,5-Trimethylbenzene	11.081	105	45673	0.876	ug/l	97
76) 4-Chlorotoluene	11.094	126	12841	0.866	ug/l	97
77) tert-Butylbenzene	11.412	119	45385	0.881	ug/l	98
78) 1,2,4-Trimethylbenzene	11.460	105	44231	0.840	ug/l	98
79) sec-Butylbenzene	11.637	105	58906	0.878	ug/l	100
80) Nitrobenzene	13.235	77	866m	3.458	ug/l	
81) p-Isopropyltoluene	11.785	119	46601	0.839	ug/l	98
82) 1,3-Dichlorobenzene	11.743	146	23185	0.869	ug/l	100
83) 1,4-Dichlorobenzene	11.833	146	22525	0.847	ug/l	94
84) n-Butylbenzene	12.203	91	41999	0.815	ug/l	97
85) 1,2-Dichlorobenzene	12.206	146	22430	0.899	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.991	75	1496	0.881	ug/l	94
87) 1,2,4-Trichlorobenzene	13.840	180	11504	0.807	ug/l	99
88) Hexachlorobutadiene	14.013	225	6941	0.861	ug/l	98
89) Naphthalene	14.090	128	19413	0.771	ug/l	97
90) 1,2,3-Trichlorobenzene	14.325	180	10169	0.794	ug/l	97

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 1499
Delta R.T. 0.003 min
Lab File: VU061172.D
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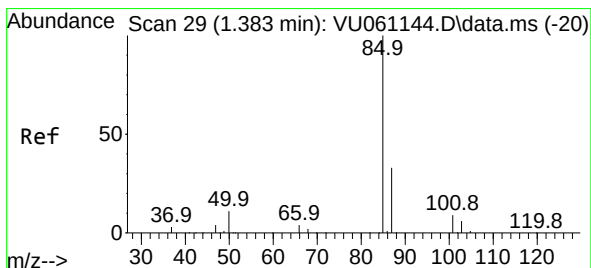
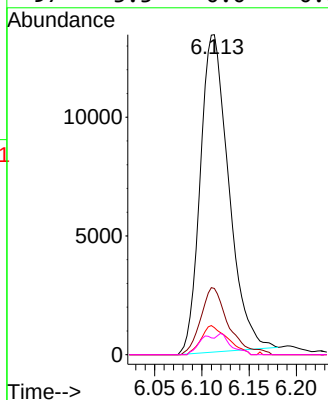
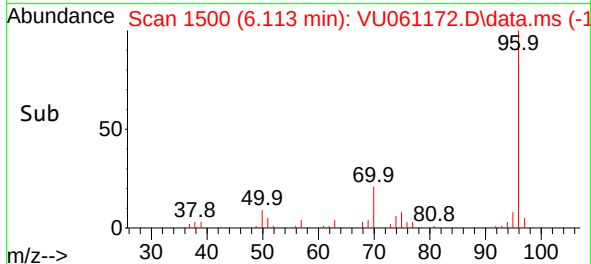
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 96 Resp: 28019
Ion Ratio Lower Upper
96 100
70 20.4 16.1 24.1
95 8.5 0.0 0.0
97 3.3 0.0 0.0

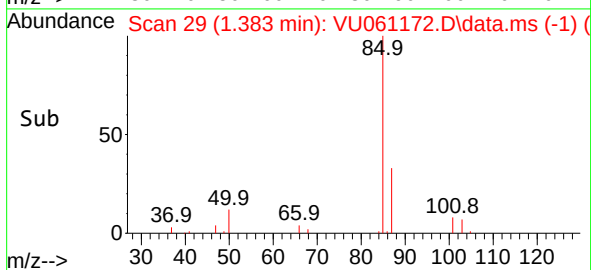
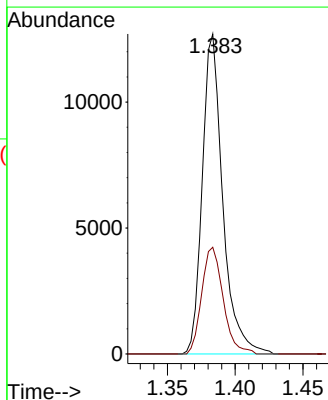
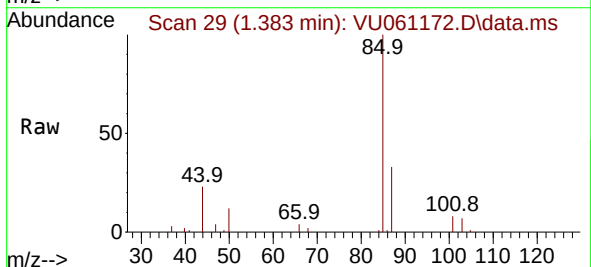
Manual Integrations
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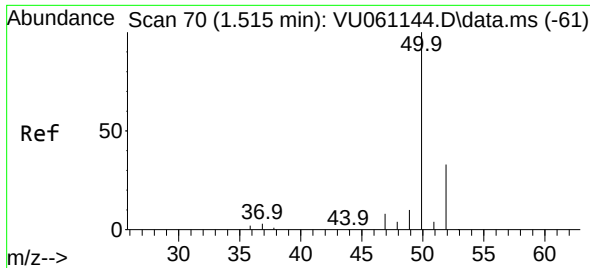
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#2
Dichlorodifluoromethane
Concen: 0.862 ug/l
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

Tgt Ion: 85 Resp: 13305
Ion Ratio Lower Upper
85 100
87 33.3 16.3 48.9





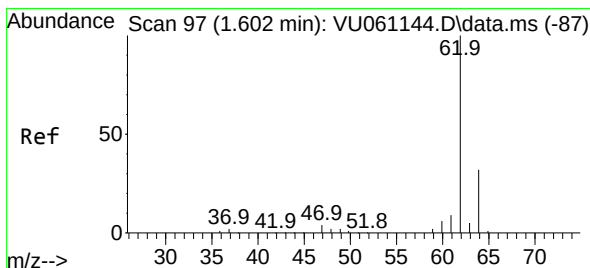
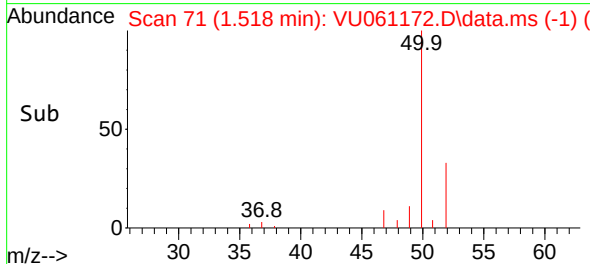
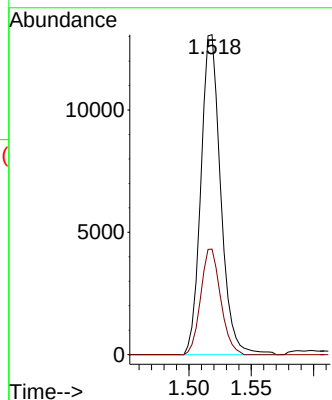
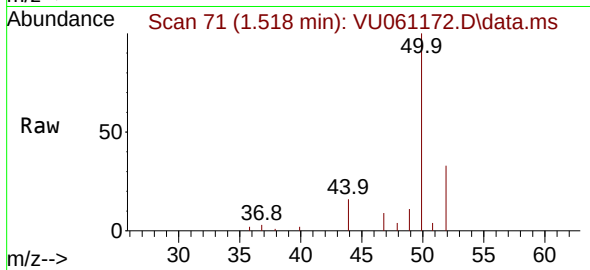
#3
Chloromethane
Concen: 0.984 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

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

Tgt Ion: 50 Resp: 1445
Ion Ratio Lower Upper
50 100
52 33.0 26.2 39.2

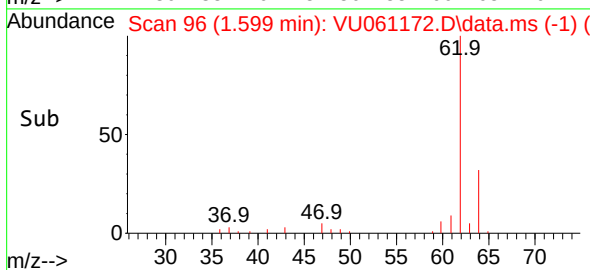
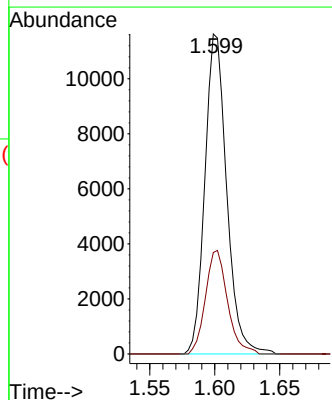
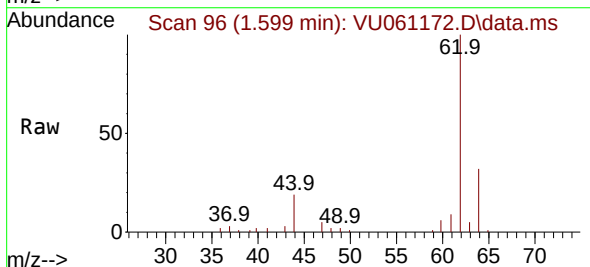
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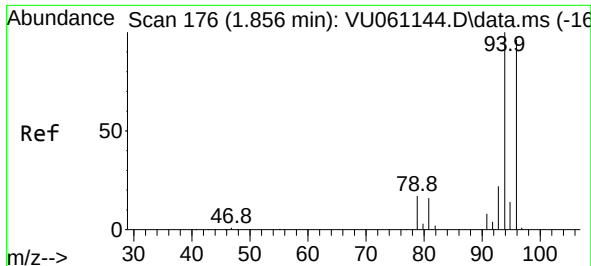
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#4
Vinyl Chloride
Concen: 0.900 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.003 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

Tgt Ion: 62 Resp: 13573
Ion Ratio Lower Upper
62 100
64 31.7 25.9 38.9





#5

Bromomethane

Concen: 0.935 ug/l

RT: 1.853 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU061172.D

Acq: 21 Oct 2024 15:18

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion: 94 Resp: 8862

Ion Ratio Lower Upper

94 100

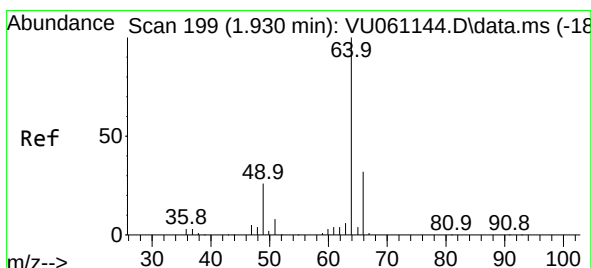
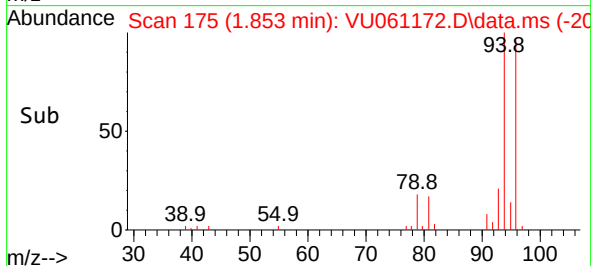
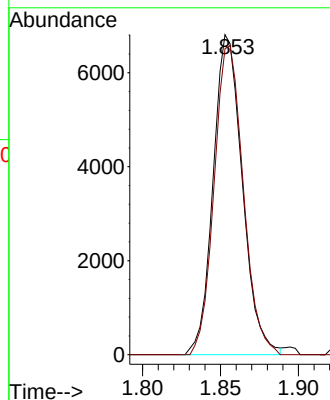
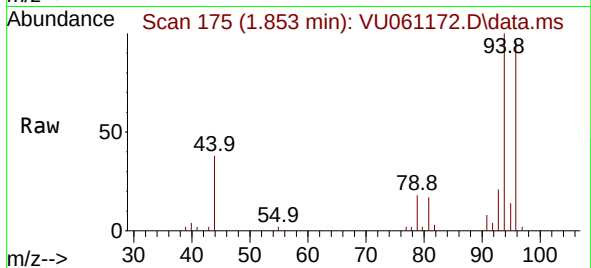
96 95.6 76.5 114.7

Manual Integrations

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Supervised By :Semsettin Yesilyurt 10/25/2024



#6

Chloroethane

Concen: 0.958 ug/l

RT: 1.930 min Scan# 199

Delta R.T. -0.000 min

Lab File: VU061172.D

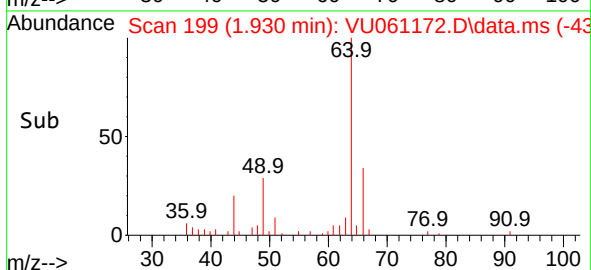
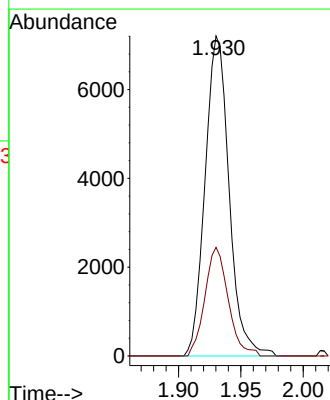
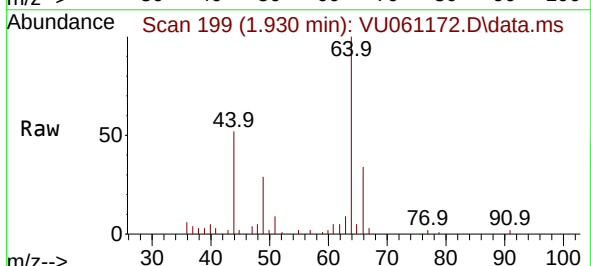
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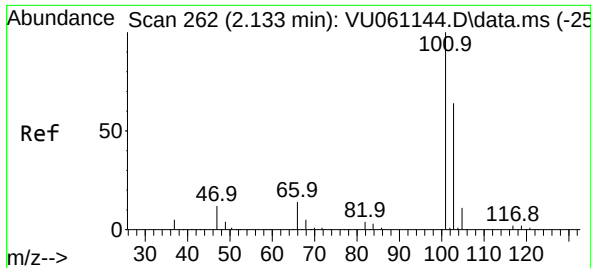
Tgt Ion: 64 Resp: 9680

Ion Ratio Lower Upper

64 100

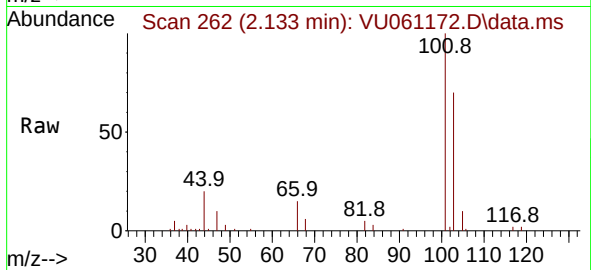
66 33.9 25.8 38.8





#7
Trichlorofluoromethane
Concen: 0.895 ug/l
RT: 2.133 min Scan# 210
Delta R.T. -0.000 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

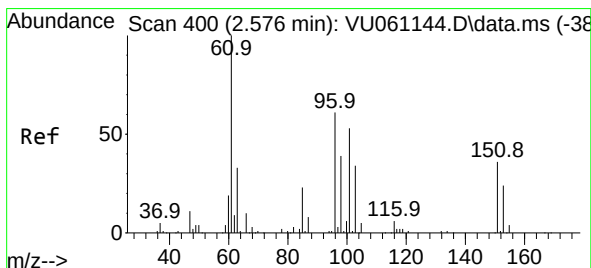
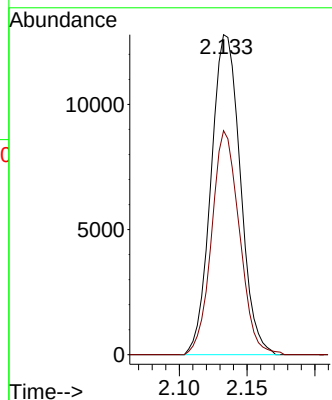
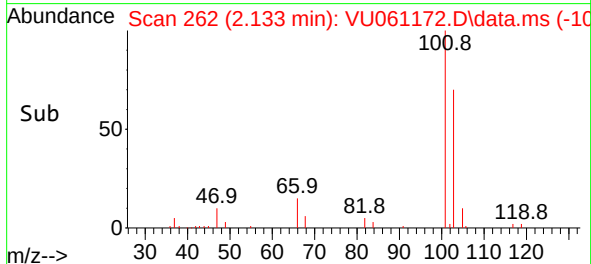
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ClientSampleId :
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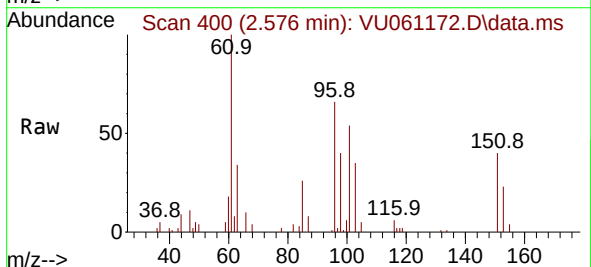
Tgt Ion:101 Resp: 19200
Ion Ratio Lower Upper
101 100
103 70.0 51.5 77.3

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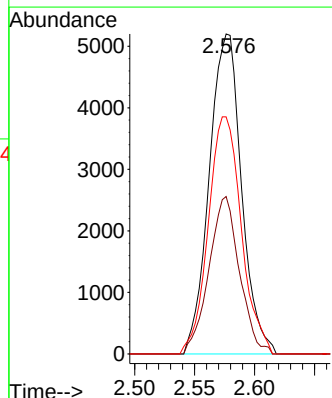
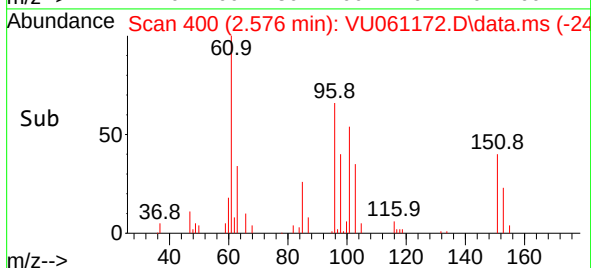
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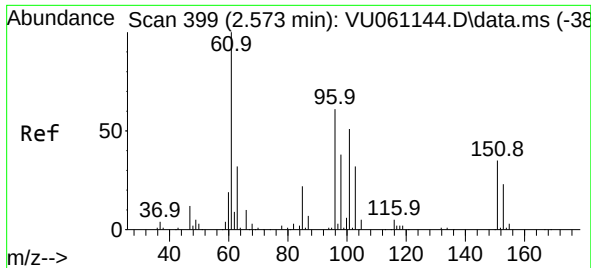


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.912 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18



Tgt Ion:101 Resp: 9726
Ion Ratio Lower Upper
101 100
85 46.6 35.8 53.8
151 76.0 56.2 84.4





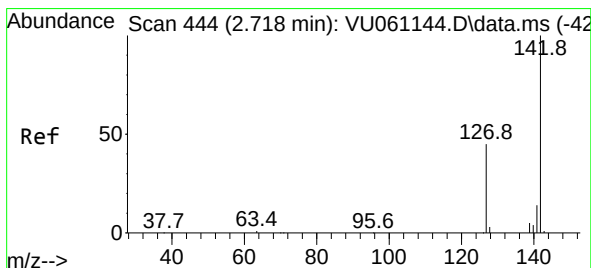
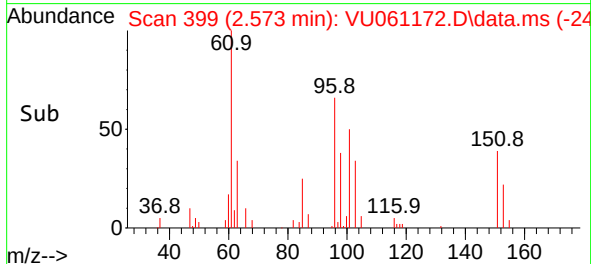
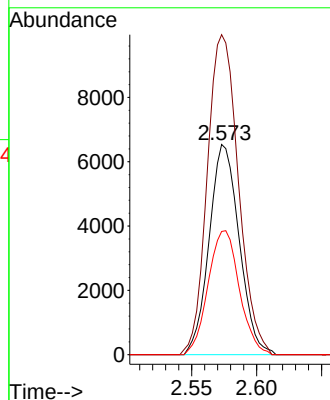
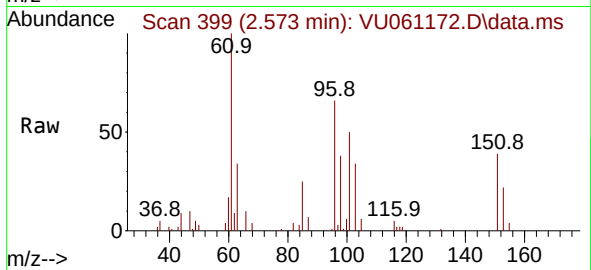
#9
1,1-Dichloroethene
Concen: 0.944 ug/l
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

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

Tgt Ion: 96 Resp: 10500
Ion Ratio Lower Upper
96 100
61 152.2 0.0 494.4
98 58.6 0.0 124.4

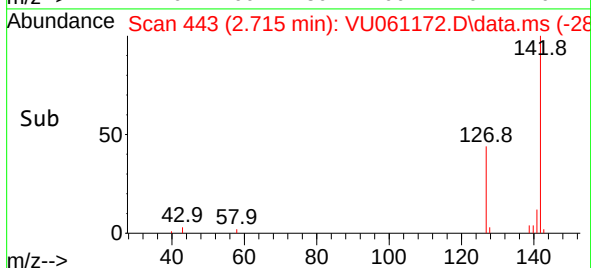
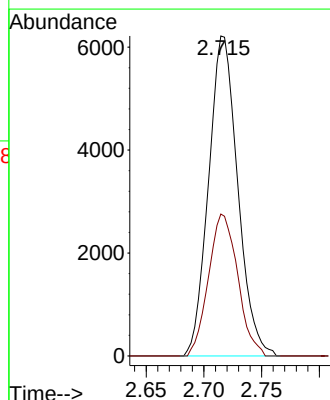
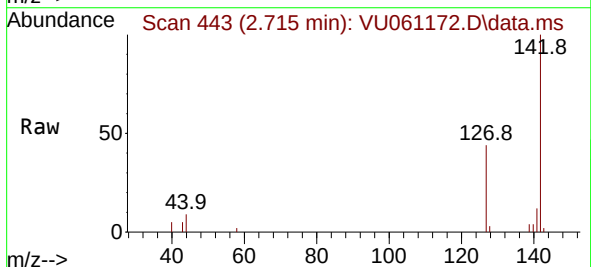
Manual Integrations
APPROVED

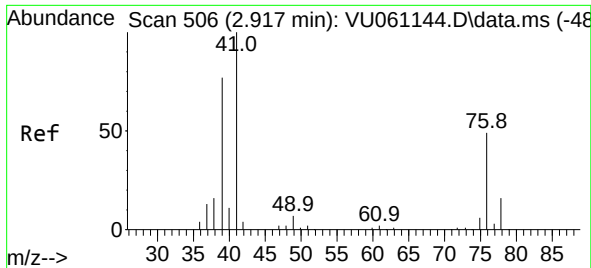
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#10
Iodomethane
Concen: 0.826 ug/l
RT: 2.715 min Scan# 443
Delta R.T. -0.003 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

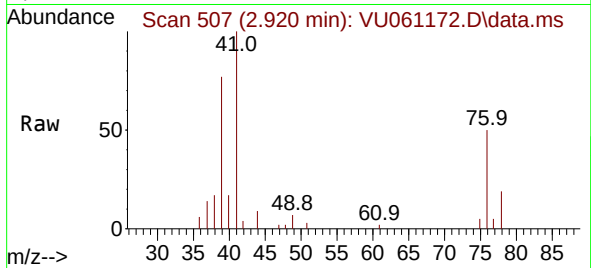
Tgt Ion:142 Resp: 10929
Ion Ratio Lower Upper
142 100
127 44.3 36.2 54.4





#11
 Allyl Chloride
 Concen: 0.912 ug/l
 RT: 2.920 min Scan# 506
 Delta R.T. 0.003 min
 Lab File: VU061172.D
 Acq: 21 Oct 2024 15:18

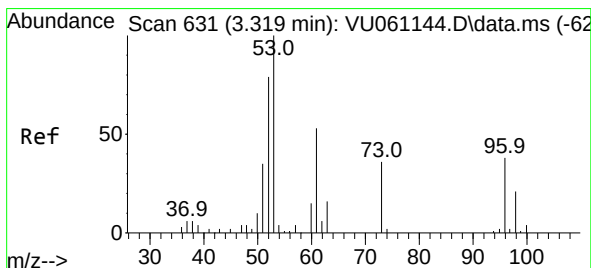
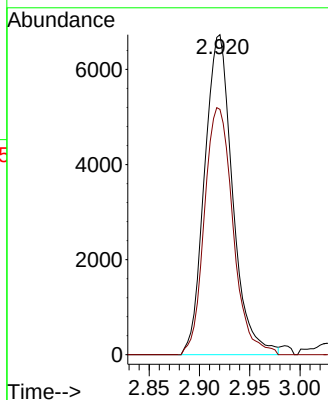
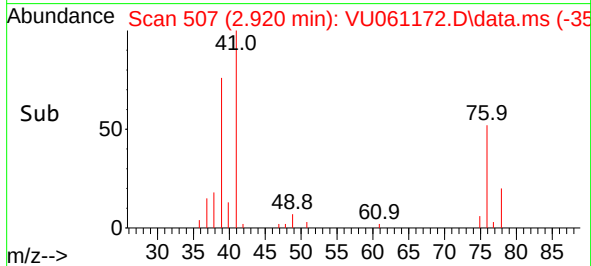
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT4-2024



Tgt Ion: 41 Resp: 1305
 Ion Ratio Lower Upper
 41 100
 39 78.8 62.4 93.6

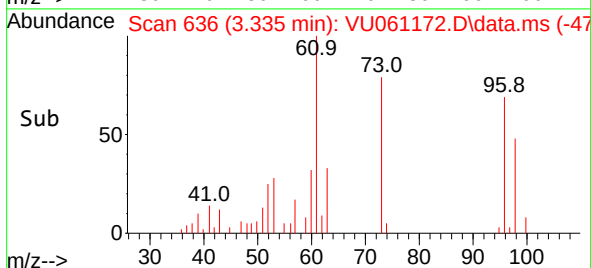
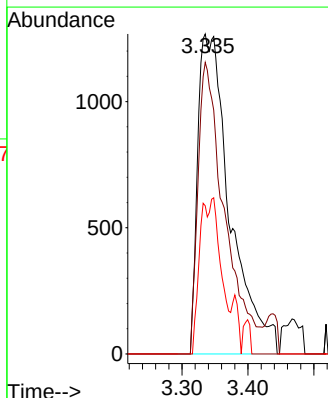
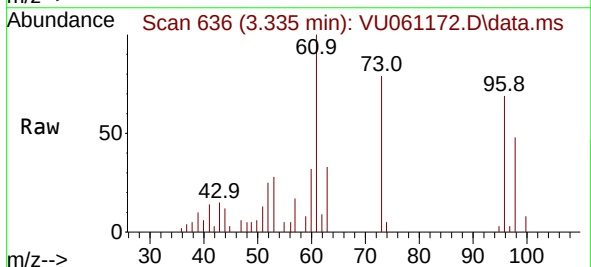
Manual Integrations
 APPROVED

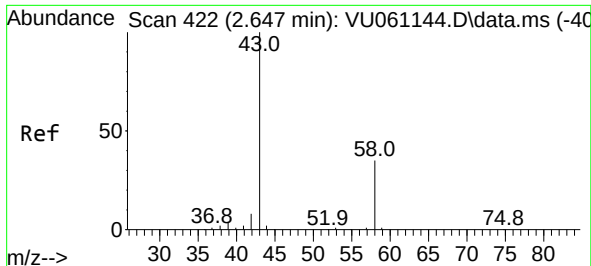
Reviewed By :Mahesh Dadoda 10/25/2024
 Supervised By :Semsettin Yesilyurt 10/25/2024



#12
 Acrylonitrile
 Concen: 1.921 ug/l m
 RT: 3.335 min Scan# 636
 Delta R.T. 0.016 min
 Lab File: VU061172.D
 Acq: 21 Oct 2024 15:18

Tgt Ion: 53 Resp: 4295
 Ion Ratio Lower Upper
 53 100
 52 74.7 62.6 94.0
 51 13.2 30.7 46.1#





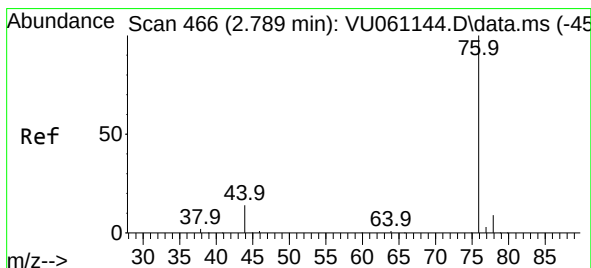
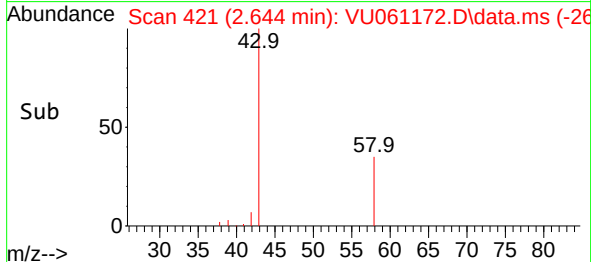
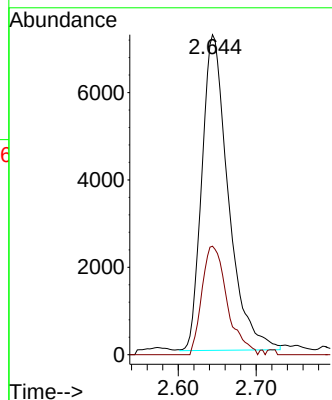
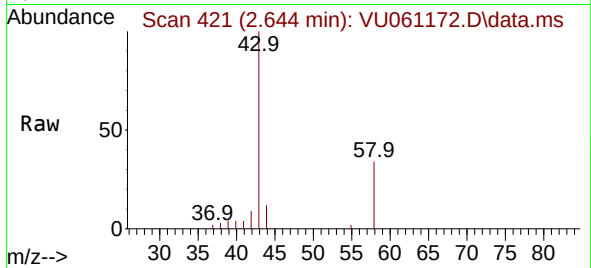
#13
Acetone
Concen: 5.832 ug/l
RT: 2.644 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

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

Tgt Ion: 43 Resp: 17008
Ion Ratio Lower Upper
43 100
58 34.4 27.9 41.9

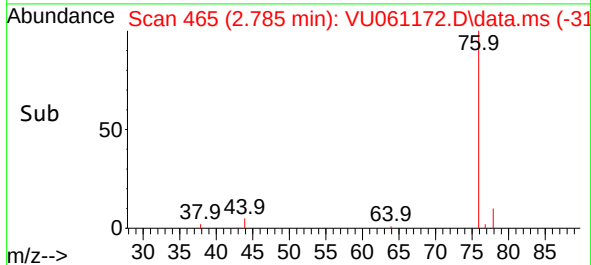
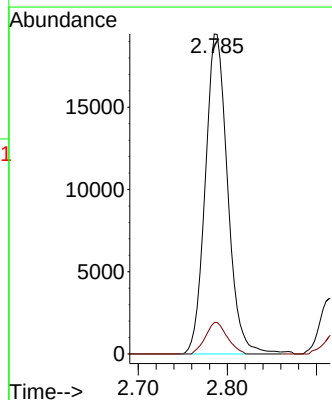
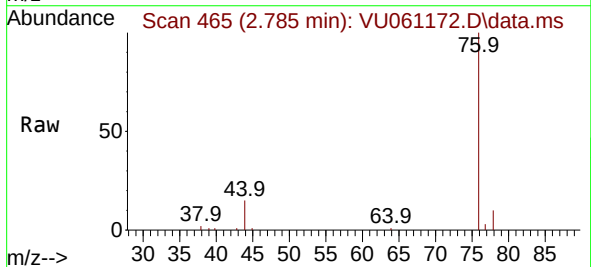
Manual Integrations
APPROVED

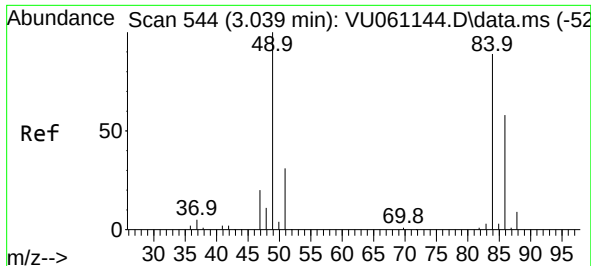
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#14
Carbon Disulfide
Concen: 0.885 ug/l
RT: 2.785 min Scan# 465
Delta R.T. -0.003 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

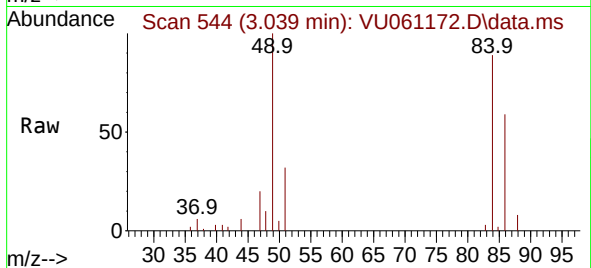
Tgt Ion: 76 Resp: 33893
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0





#15
Methylene Chloride
Concen: 0.940 ug/l
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

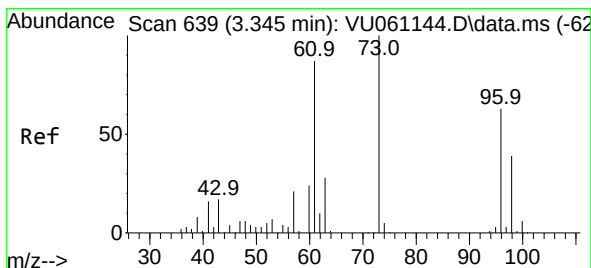
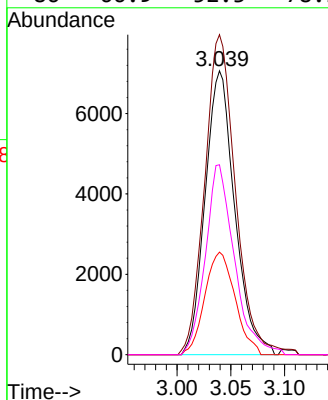
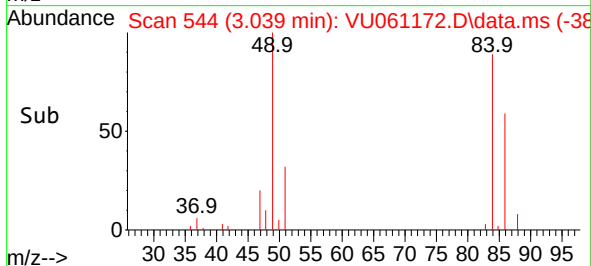
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 84 Resp: 13528
Ion Ratio Lower Upper
84 100
49 112.7 90.4 135.6
51 36.1 0.0 70.6
86 66.9 52.3 78.5

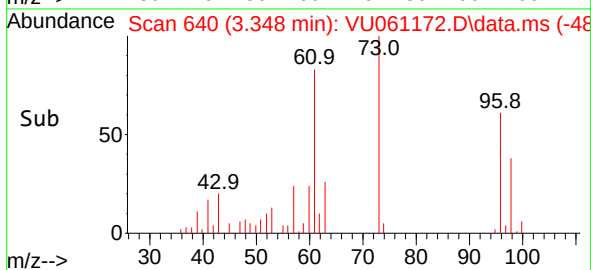
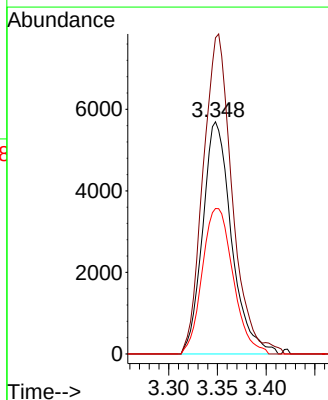
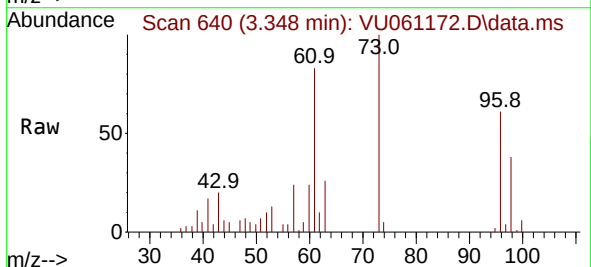
Manual Integrations
APPROVED

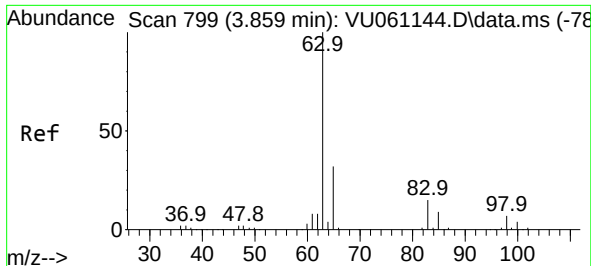
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#16
trans-1,2-Dichloroethene
Concen: 0.898 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

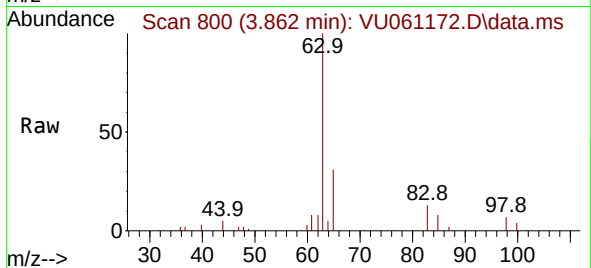
Tgt Ion: 96 Resp: 11712
Ion Ratio Lower Upper
96 100
61 136.1 110.6 166.0
98 62.6 49.8 74.8





#17
1,1-Dichloroethane
Concen: 0.917 ug/l
RT: 3.862 min Scan# 800
Delta R.T. 0.003 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

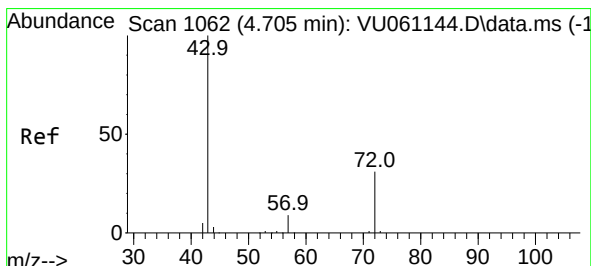
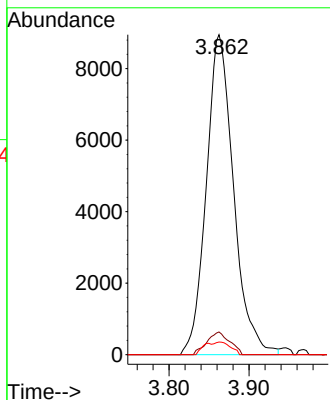
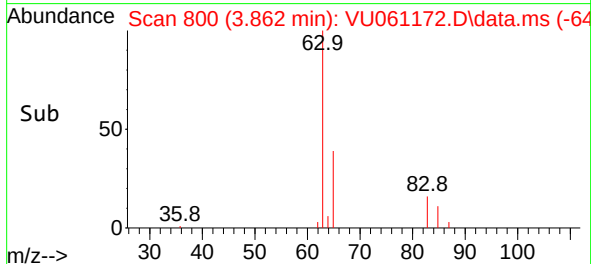
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 63 Resp: 21209
Ion Ratio Lower Upper
63 100
98 7.1 3.3 9.8
100 4.0 2.1 6.5

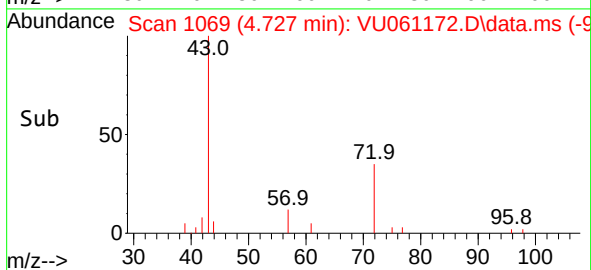
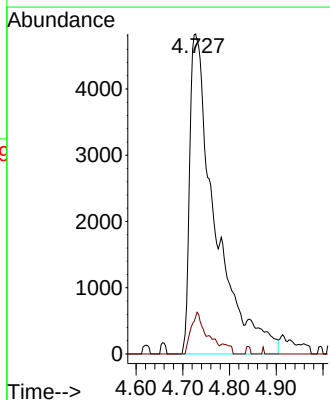
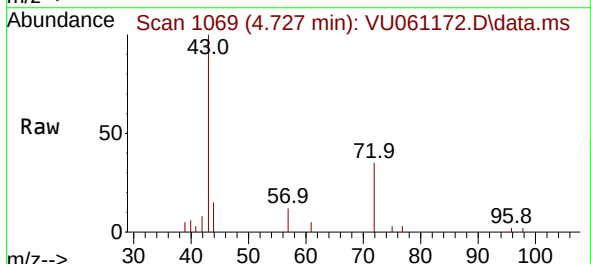
Manual Integrations
APPROVED

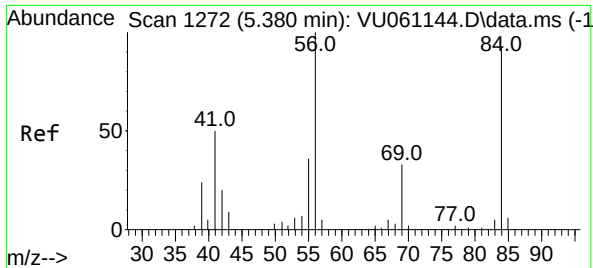
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#18
2-Butanone
Concen: 5.106 ug/l m
RT: 4.727 min Scan# 1069
Delta R.T. 0.022 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

Tgt Ion: 43 Resp: 18231
Ion Ratio Lower Upper
43 100
57 11.6 0.0 19.0





#19

Cyclohexane

Concen: 0.880 ug/l m

RT: 5.380 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU061172.D

Acq: 21 Oct 2024 15:18

Instrument :

MSVOA_U

ClientSampleId :

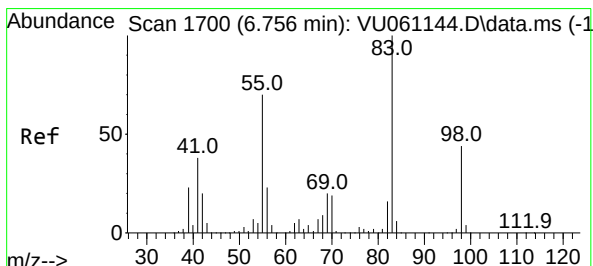
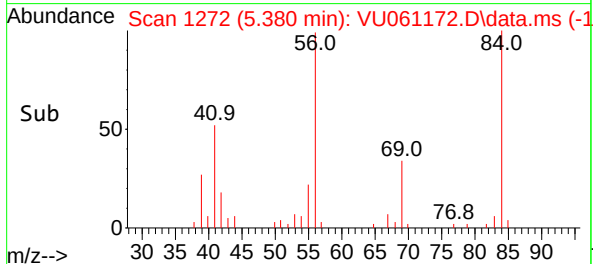
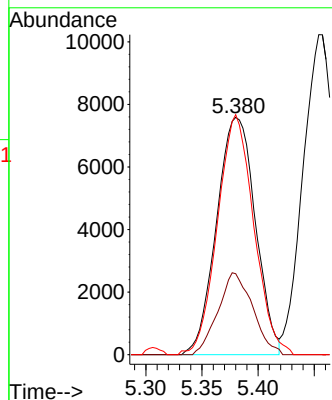
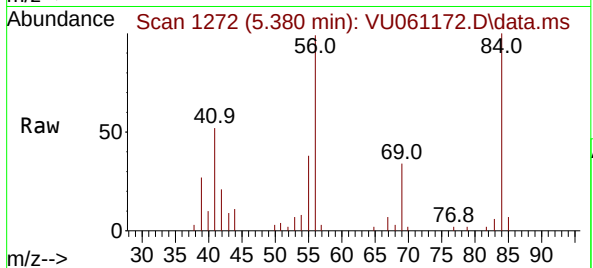
LOQ-WATER-02-QT4-2024

Tgt Ion:	56	Resp:	18224
Ion Ratio	Lower	Upper	
56	100		
69	30.8	26.2	39.4
84	94.6	72.7	109.1

Manual Integrations

APPROVED

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



#20

Methylcyclohexane

Concen: 0.876 ug/l

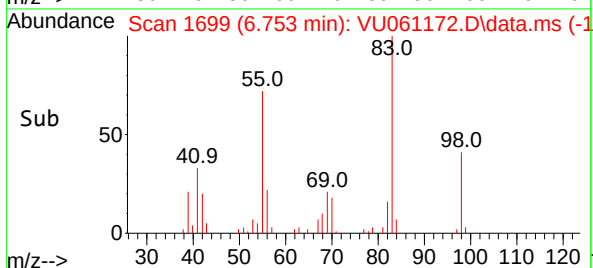
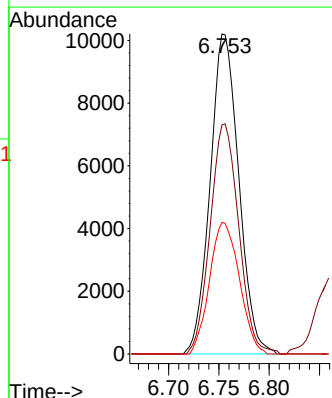
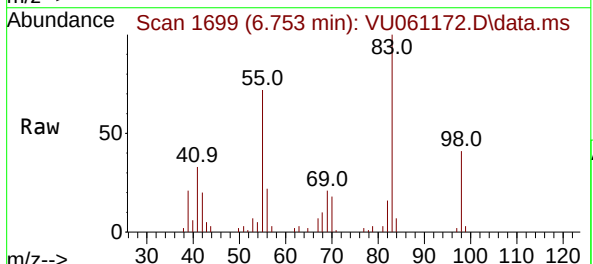
RT: 6.753 min Scan# 1699

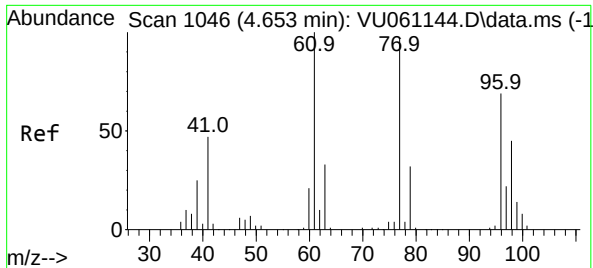
Delta R.T. -0.003 min

Lab File: VU061172.D

Acq: 21 Oct 2024 15:18

Tgt Ion:	83	Resp:	20232
Ion Ratio	Lower	Upper	
83	100		
55	71.6	55.5	83.3
98	42.7	35.8	53.6





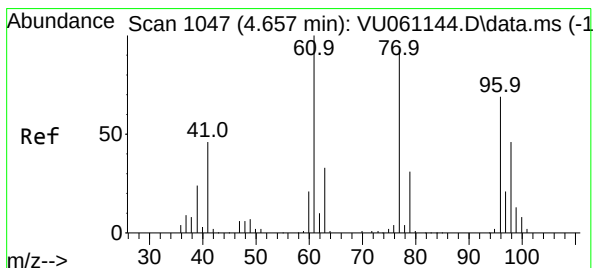
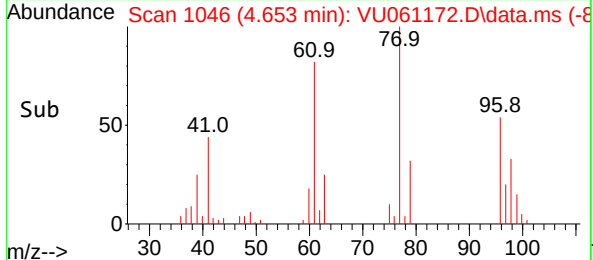
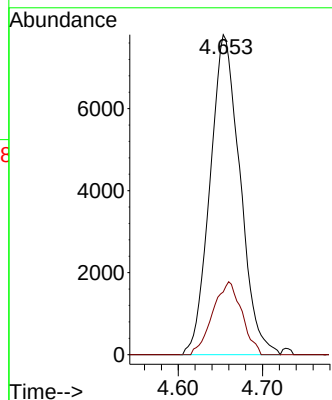
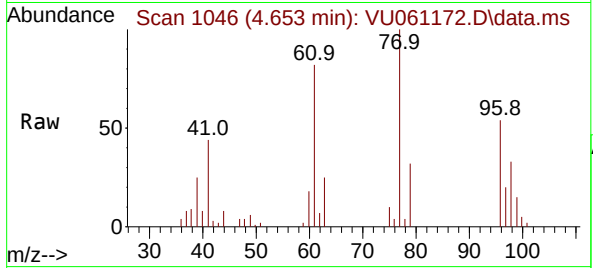
#21
2,2-Dichloropropane
Concen: 0.904 ug/l
RT: 4.653 min Scan# 1046
Delta R.T. 0.000 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

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

Tgt Ion: 77 Resp: 1927
Ion Ratio Lower Upper
77 100
97 22.1 18.3 27.5

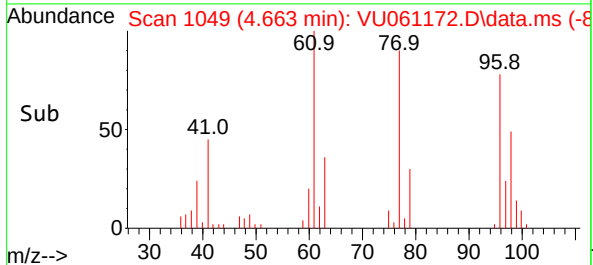
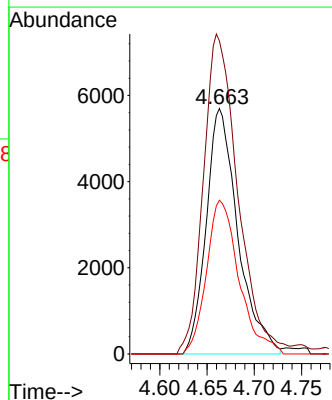
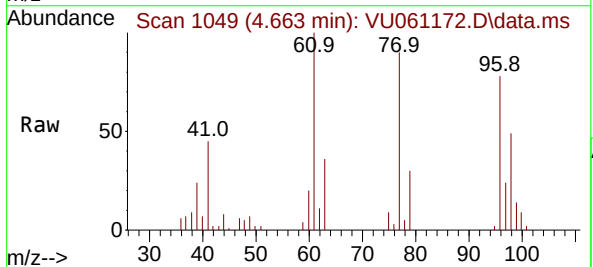
Manual Integrations
APPROVED

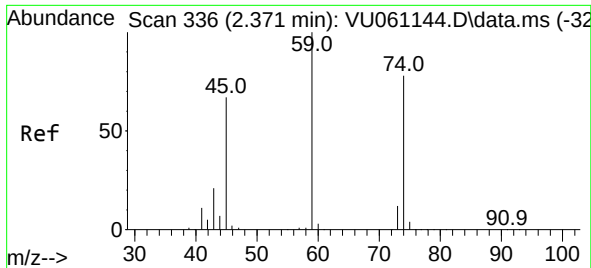
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#22
cis-1,2-Dichloroethene
Concen: 0.933 ug/l
RT: 4.663 min Scan# 1049
Delta R.T. 0.006 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

Tgt Ion: 96 Resp: 13246
Ion Ratio Lower Upper
96 100
61 141.6 0.0 364.8
98 64.4 32.1 96.3





#23

Diethyl Ether

Concen: 0.926 ug/l

RT: 2.374 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU061172.D

Acq: 21 Oct 2024 15:18

Instrument :

MSVOA_U

ClientSampleId :

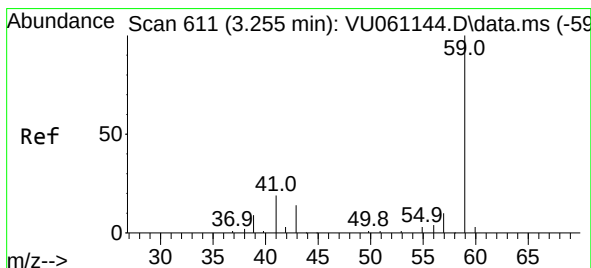
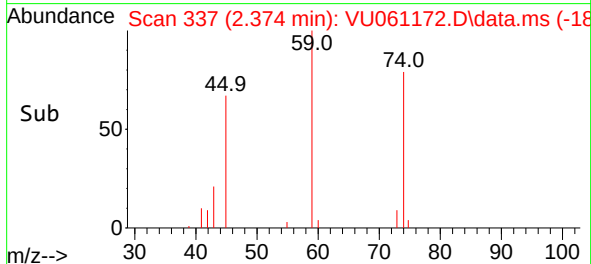
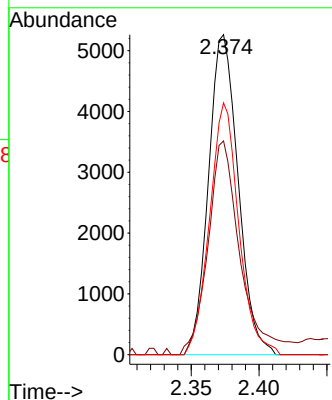
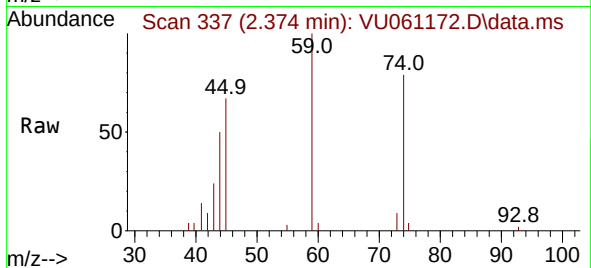
LOQ-WATER-02-QT4-2024

Tgt Ion: 59	Resp: 7999
Ion Ratio	Lower Upper
59	100
45	73.2 52.0 78.0
74	77.6 62.2 93.2

Manual Integrations

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



#24

tert-Butyl Alcohol

Concen: 10.532 ug/l m

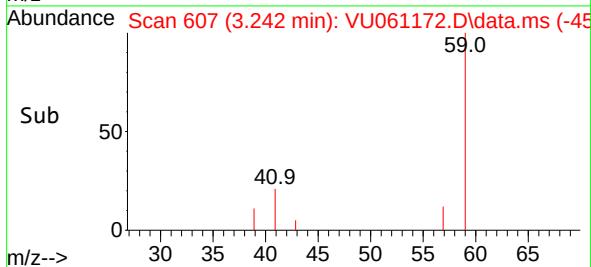
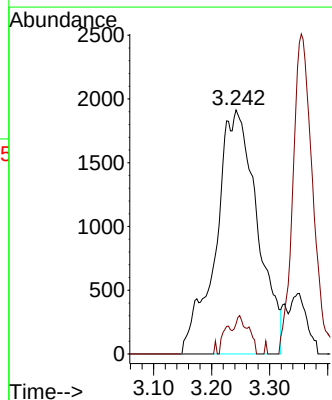
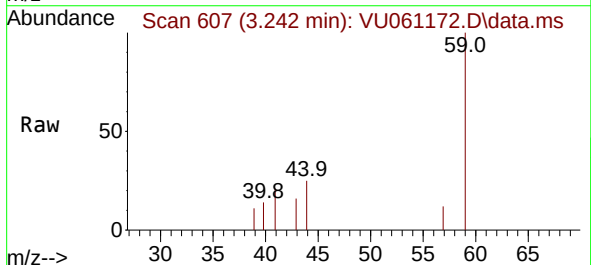
RT: 3.242 min Scan# 607

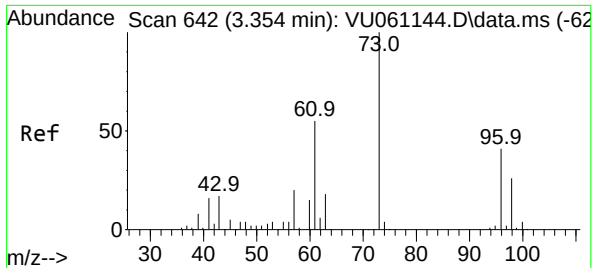
Delta R.T. -0.013 min

Lab File: VU061172.D

Acq: 21 Oct 2024 15:18

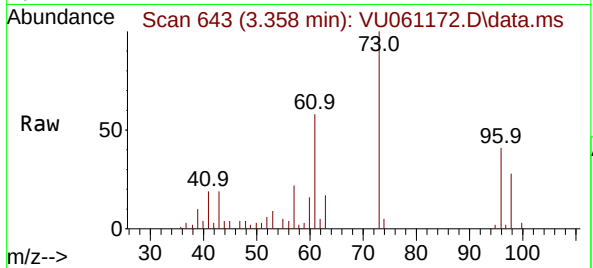
Tgt Ion: 59	Resp: 9493
Ion Ratio	Lower Upper
59	100
57	2.6 3.2 4.8#





#25
Methyl tert-Butyl Ether
Concen: 0.907 ug/l
RT: 3.358 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

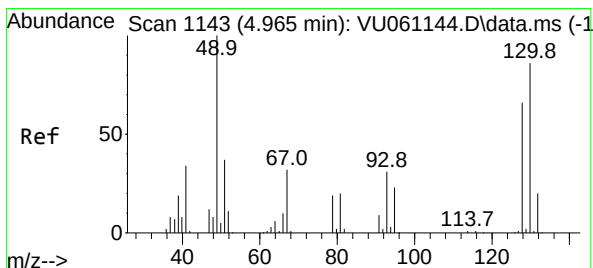
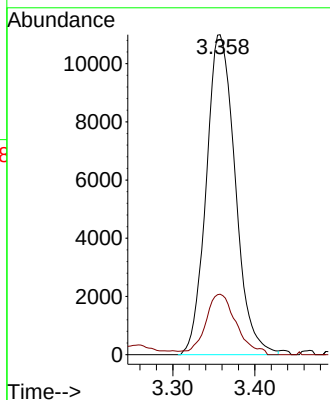
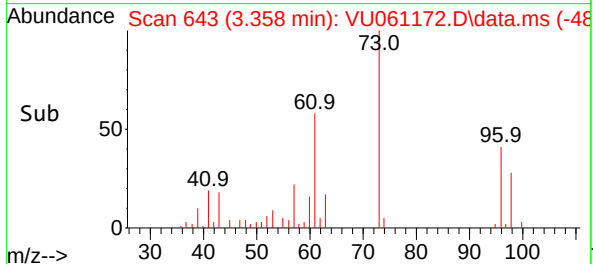
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 73 Resp: 2701
Ion Ratio Lower Upper
73 100
43 20.0 14.7 22.1

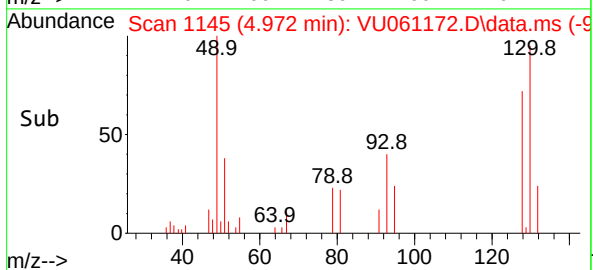
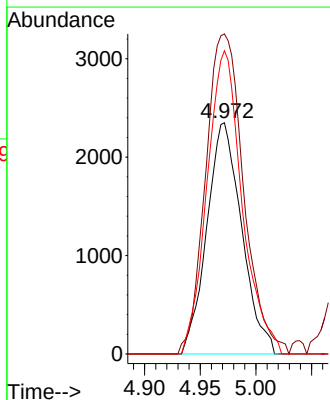
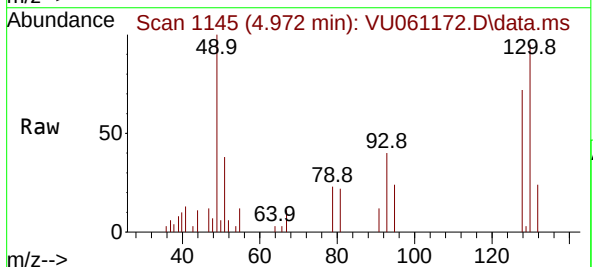
Manual Integrations
APPROVED

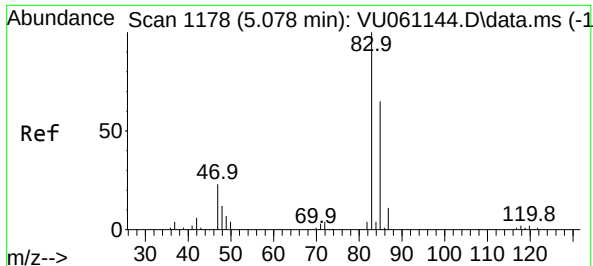
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#26
Bromochloromethane
Concen: 0.861 ug/l
RT: 4.972 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

Tgt Ion:128 Resp: 5114
Ion Ratio Lower Upper
128 100
49 151.0 0.0 308.8
130 132.2 105.3 157.9





#27

Chloroform

Concen: 0.935 ug/l

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU061172.D

Acq: 21 Oct 2024 15:18

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion: 83 Resp: 2267

Ion Ratio Lower Upper

83 100

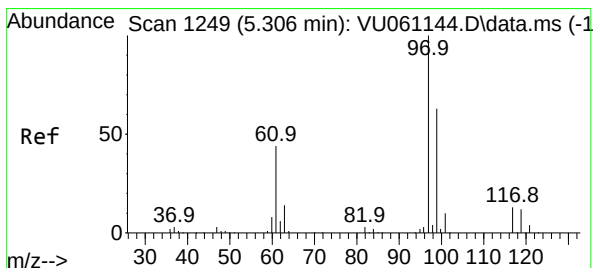
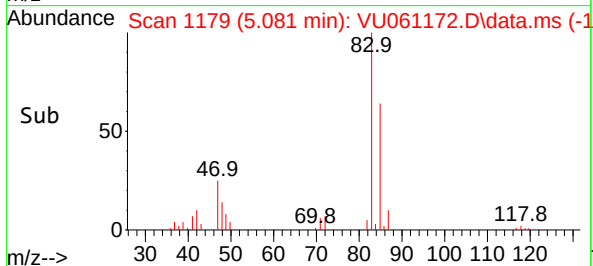
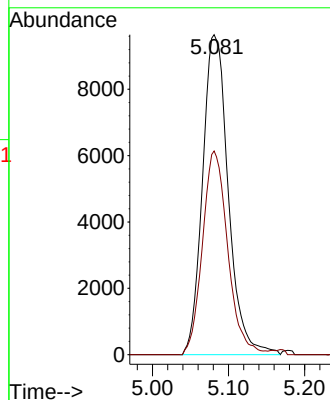
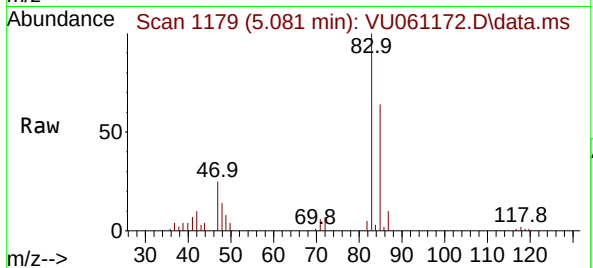
85 63.6 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#28

1,1,1-Trichloroethane

Concen: 0.897 ug/l

RT: 5.306 min Scan# 1249

Delta R.T. -0.000 min

Lab File: VU061172.D

Acq: 21 Oct 2024 15:18

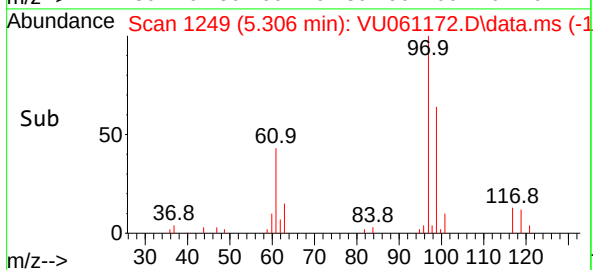
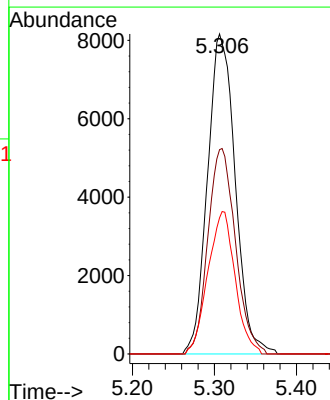
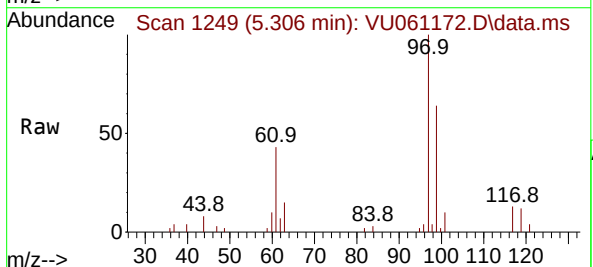
Tgt Ion: 97 Resp: 19167

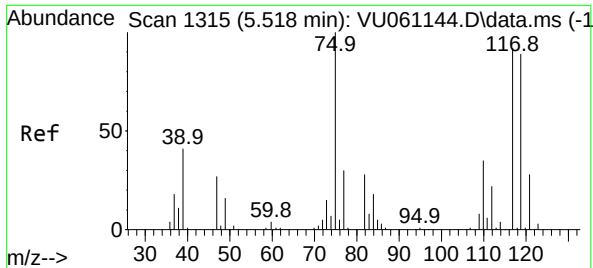
Ion Ratio Lower Upper

97 100

99 63.9 31.9 95.5

61 43.7 22.1 66.1





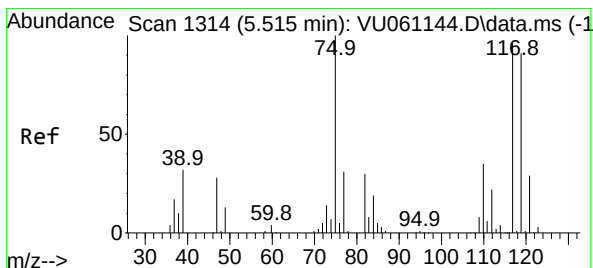
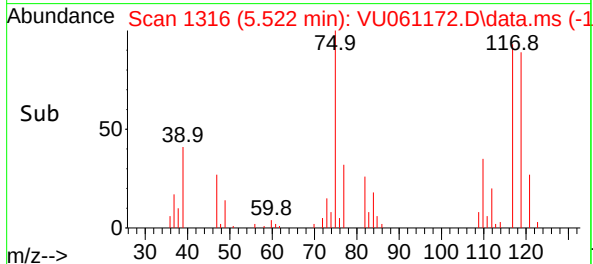
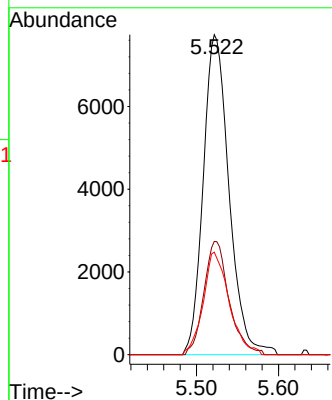
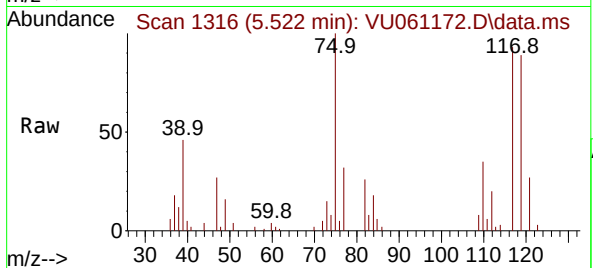
#29
1,1-Dichloropropene
Concen: 0.896 ug/l
RT: 5.522 min Scan# 1316
Delta R.T. 0.003 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

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

Tgt Ion: 75 Resp: 16934
Ion Ratio Lower Upper
75 100
110 34.4 17.8 53.3
77 32.2 24.6 37.0

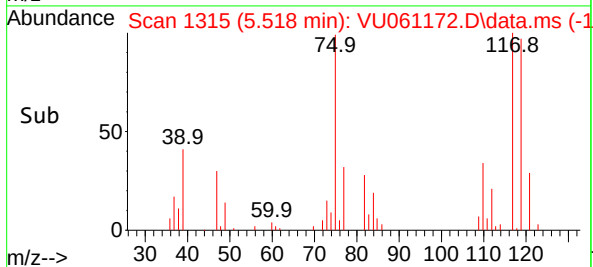
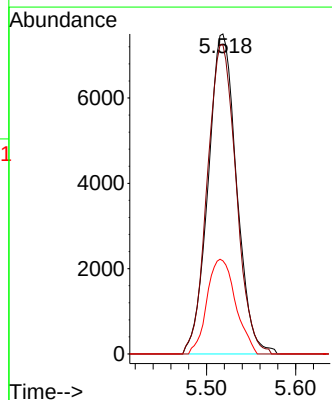
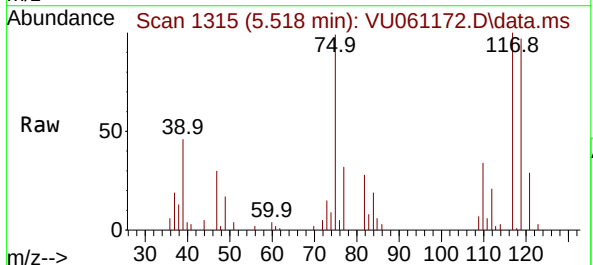
Manual Integrations
APPROVED

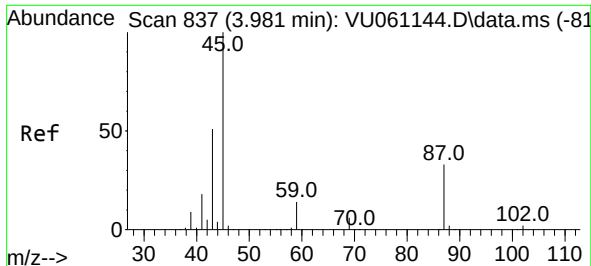
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#30
Carbon Tetrachloride
Concen: 0.896 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. 0.003 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

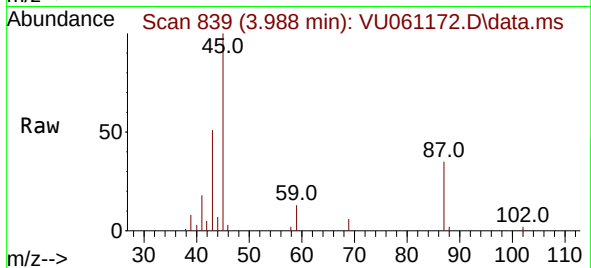
Tgt Ion:117 Resp: 16610
Ion Ratio Lower Upper
117 100
119 96.6 76.4 114.6
121 29.1 24.1 36.1





#31
Isopropyl Ether
Concen: 0.918 ug/l
RT: 3.988 min Scan# 839
Delta R.T. 0.006 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

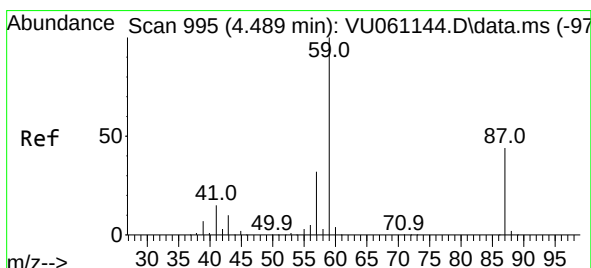
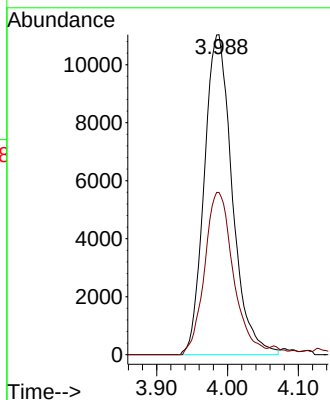
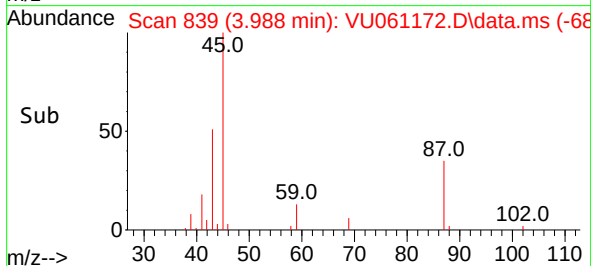
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



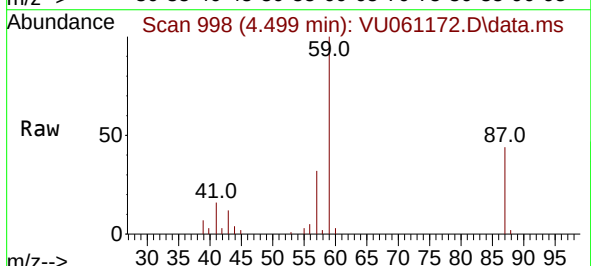
Tgt Ion: 45 Resp: 30290
Ion Ratio Lower Upper
45 100
43 52.1 25.7 77.0

Manual Integrations
APPROVED

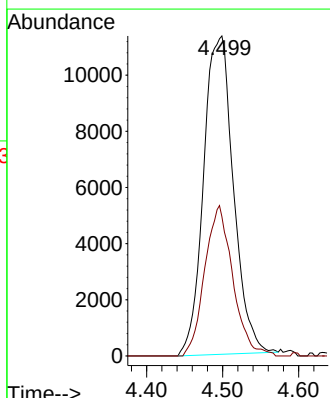
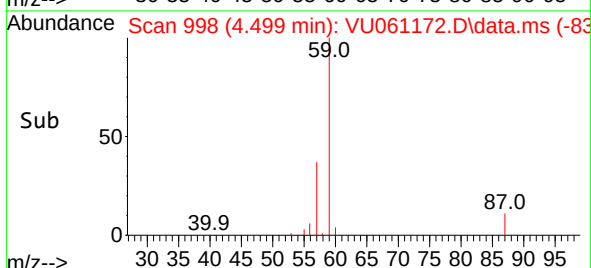
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

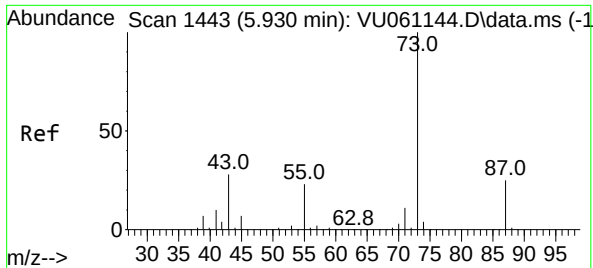


#32
Ethyl-t-butyl ether
Concen: 0.913 ug/l
RT: 4.499 min Scan# 998
Delta R.T. 0.010 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18



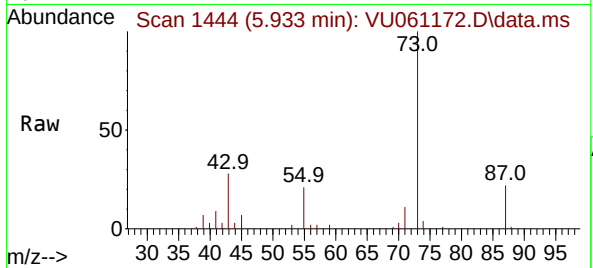
Tgt Ion: 59 Resp: 30960
Ion Ratio Lower Upper
59 100
87 44.3 34.7 52.1





#33
Tert-Amyl methyl ether
Concen: 0.916 ug/l
RT: 5.933 min Scan# 1443
Delta R.T. 0.003 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

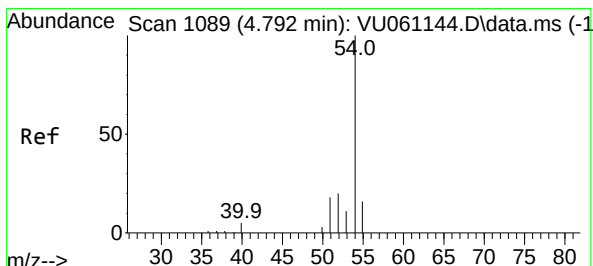
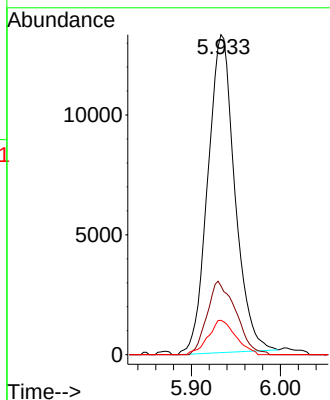
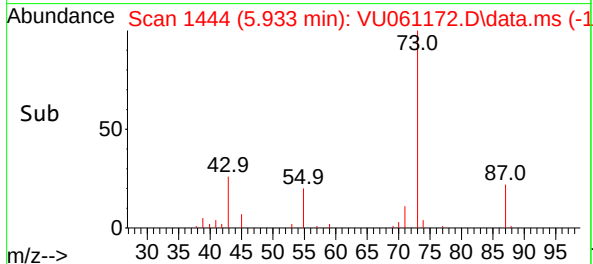
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 73 Resp: 2794
Ion Ratio Lower Upper
73 100
87 24.6 19.8 29.8
71 11.0 8.6 12.8

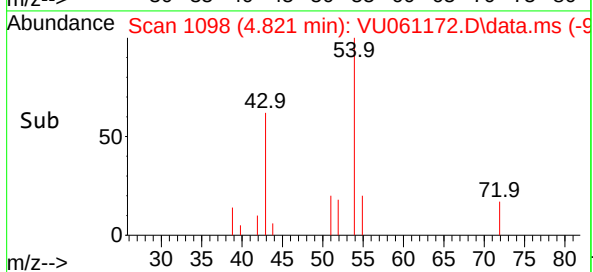
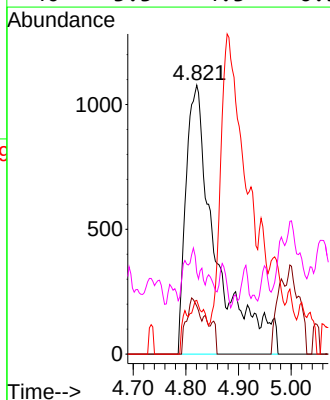
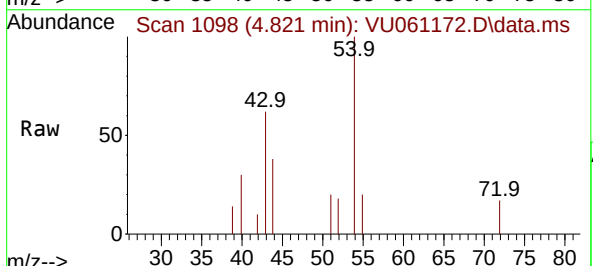
Manual Integrations
APPROVED

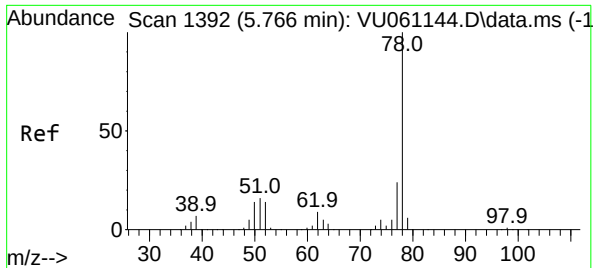
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#34
Propionitrile
Concen: 5.020 ug/l m
RT: 4.821 min Scan# 1098
Delta R.T. 0.029 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

Tgt Ion: 54 Resp: 4276
Ion Ratio Lower Upper
54 100
52 9.1 15.3 22.9#
55 2.7 9.7 14.5#
40 3.3 4.3 6.5#





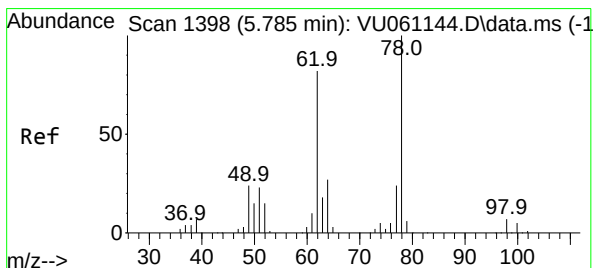
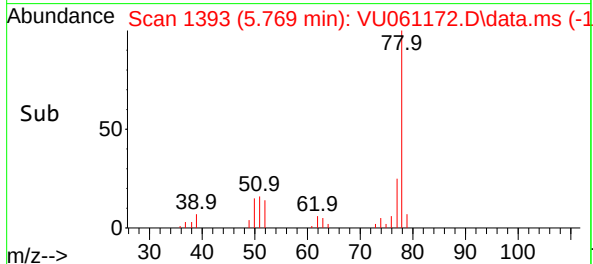
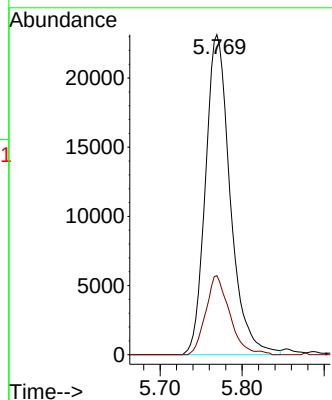
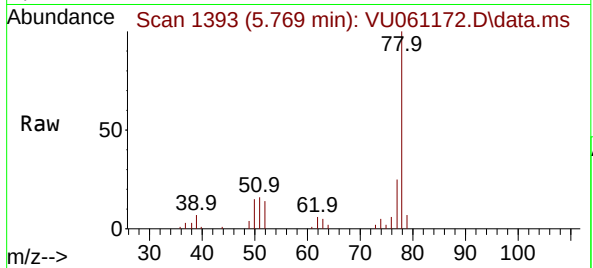
#35
Benzene
Concen: 0.912 ug/l
RT: 5.769 min Scan# 1401
Delta R.T. 0.003 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

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

Tgt Ion: 78 Resp: 4851
Ion Ratio Lower Upper
78 100
77 24.7 19.4 29.0

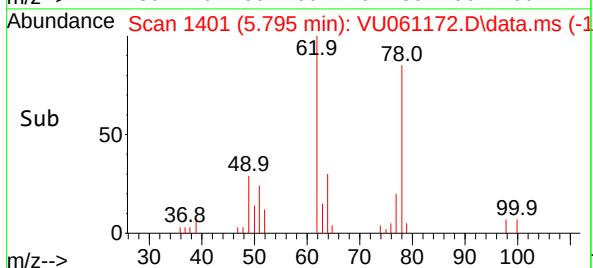
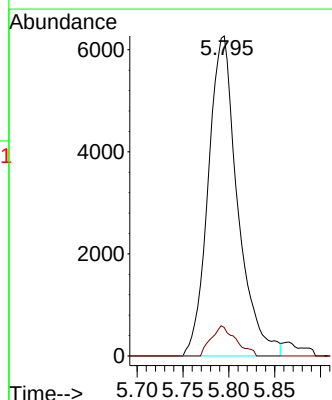
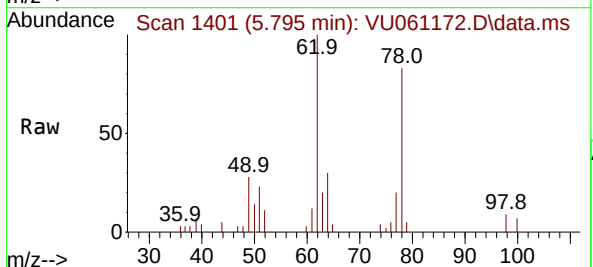
Manual Integrations
APPROVED

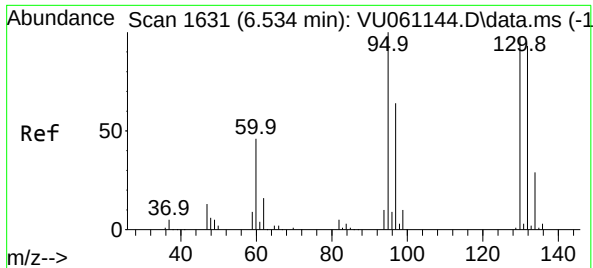
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#36
1,2-Dichloroethane
Concen: 0.932 ug/l
RT: 5.795 min Scan# 1401
Delta R.T. 0.010 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

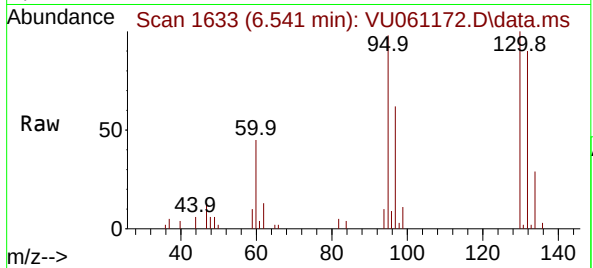
Tgt Ion: 62 Resp: 13996
Ion Ratio Lower Upper
62 100
98 7.9 7.0 10.4





#37
Trichloroethene
Concen: 0.906 ug/l
RT: 6.541 min Scan# 1633
Delta R.T. 0.006 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

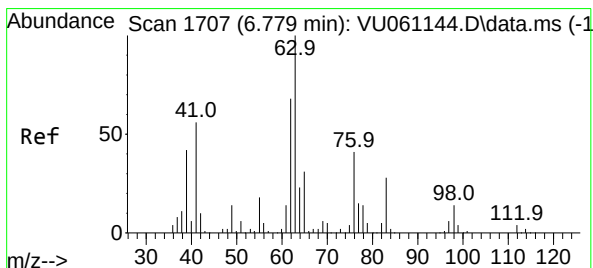
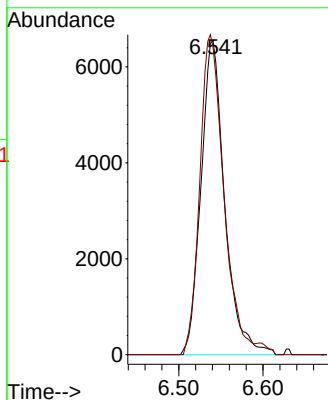
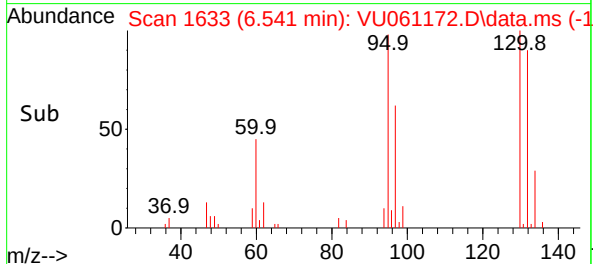
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:130 Resp: 1286
Ion Ratio Lower Upper
130 100
95 98.0 82.6 123.8

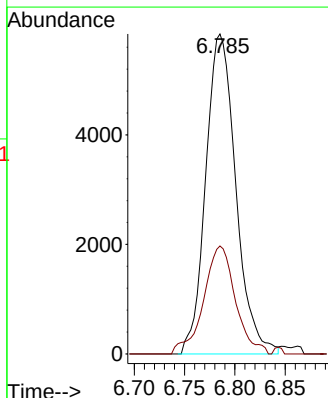
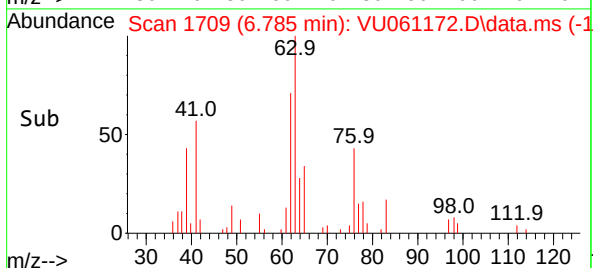
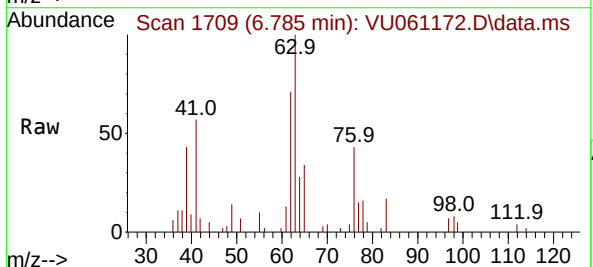
Manual Integrations
APPROVED

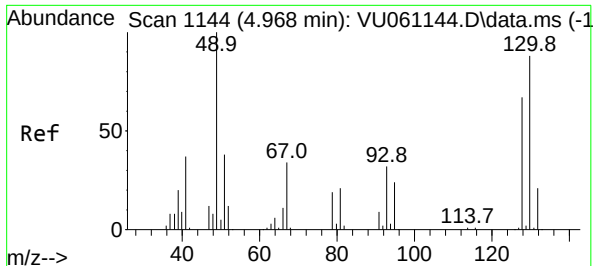
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#38
1,2-Dichloropropane
Concen: 0.903 ug/l
RT: 6.785 min Scan# 1709
Delta R.T. 0.006 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

Tgt Ion: 63 Resp: 12163
Ion Ratio Lower Upper
63 100
65 31.7 25.0 37.6





#39

Methacrylonitrile

Concen: 0.930 ug/l

RT: 4.988 min Scan# 1115

Delta R.T. 0.019 min

Lab File: VU061172.D

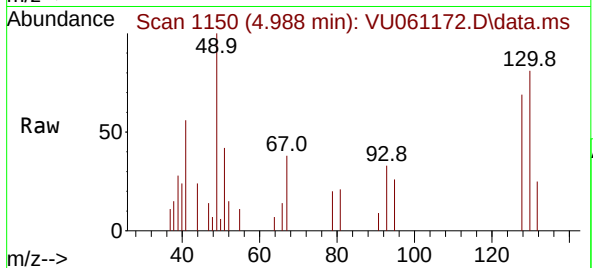
Acq: 21 Oct 2024 15:18

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2024

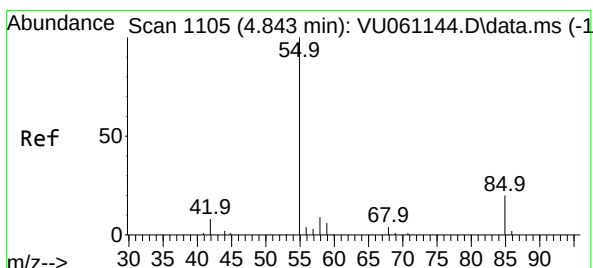
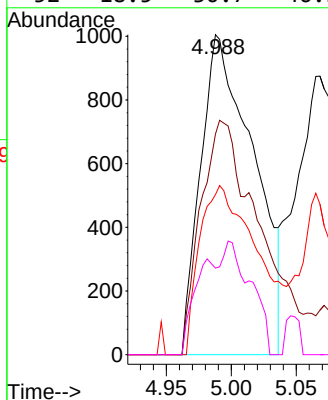
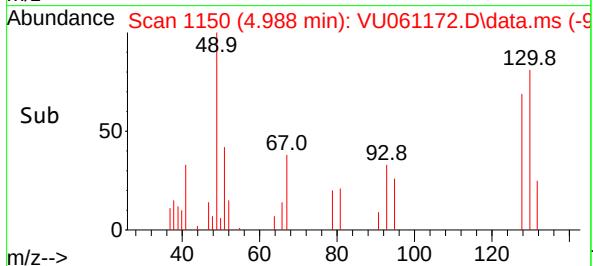


Tgt Ion:	41	Resp:	2854
Ion	Ratio	Lower	Upper
41	100		
67	83.1	78.1	117.1
39	58.7	44.6	67.0
52	18.5	30.7	46.1#

Manual Integrations

APPROVED

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



#40

Methyl acrylate

Concen: 0.948 ug/l m

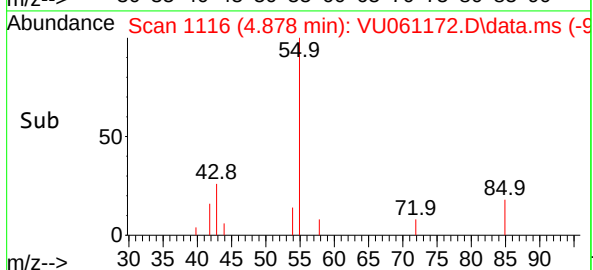
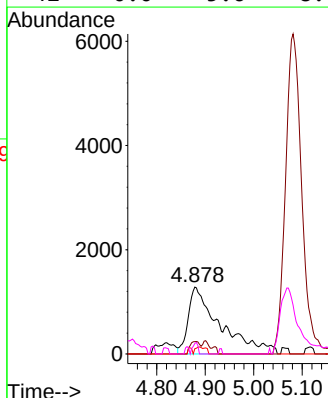
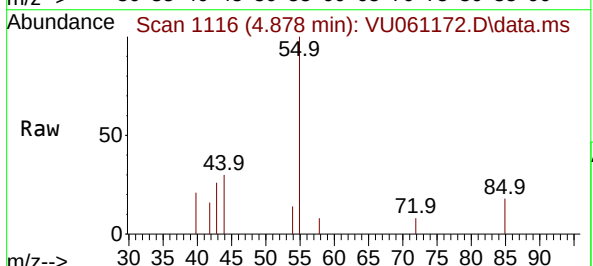
RT: 4.878 min Scan# 1116

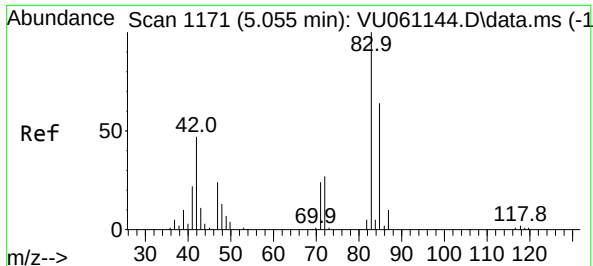
Delta R.T. 0.035 min

Lab File: VU061172.D

Acq: 21 Oct 2024 15:18

Tgt Ion:	55	Resp:	5898
Ion	Ratio	Lower	Upper
55	100		
85	0.0	14.1	21.1#
58	1.1	6.9	10.3#
42	0.0	5.6	8.4#





#41

Tetrahydrofuran

Concen: 1.799 ug/l

RT: 5.068 min Scan# 1175

Delta R.T. 0.013 min

Lab File: VU061172.D

Acq: 21 Oct 2024 15:18

Instrument :

MSVOA_U

ClientSampleId :

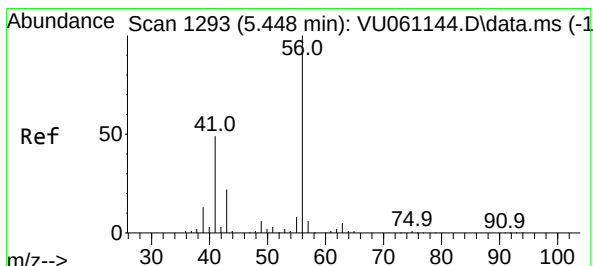
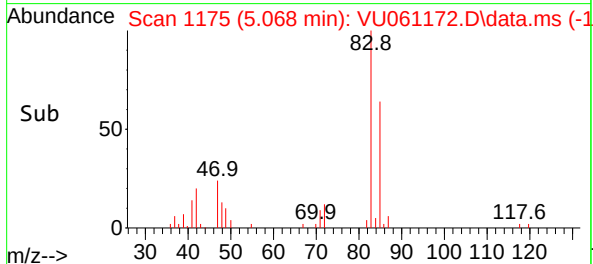
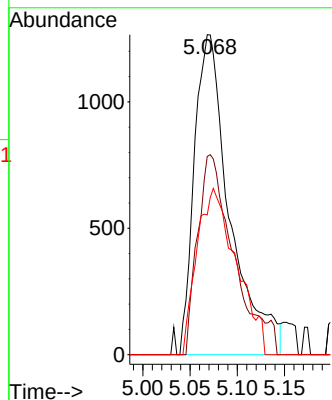
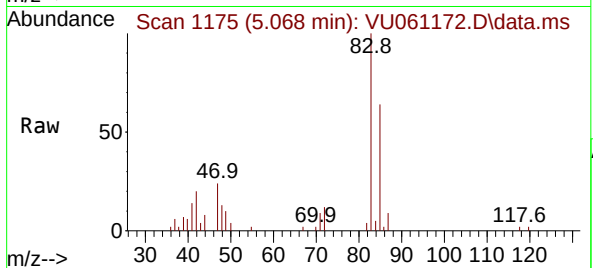
LOQ-WATER-02-QT4-2024

Tgt Ion:	42	Resp:	331
Ion Ratio	Lower	Upper	
42	100		
72	63.9	47.8	71.8
71	57.4	41.5	62.3

Manual Integrations

APPROVED

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



#42

1-Chlorobutane

Concen: 0.885 ug/l

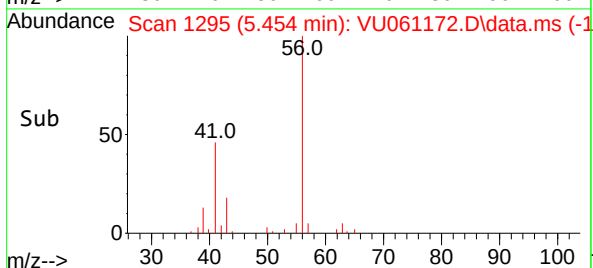
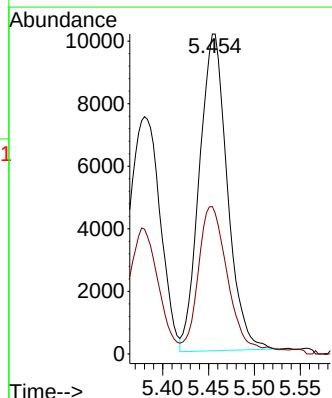
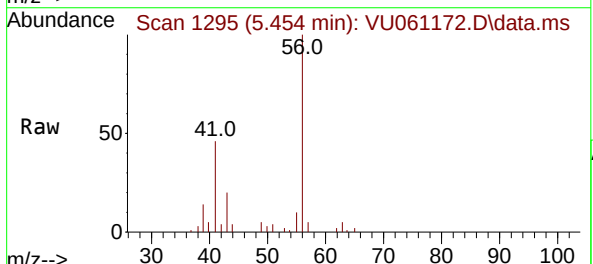
RT: 5.454 min Scan# 1295

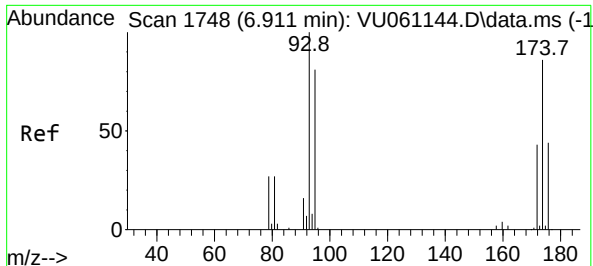
Delta R.T. 0.006 min

Lab File: VU061172.D

Acq: 21 Oct 2024 15:18

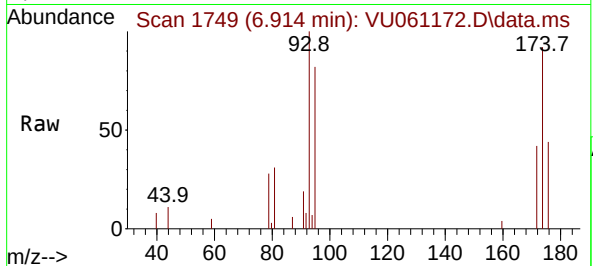
Tgt Ion:	56	Resp:	21448
Ion Ratio	Lower	Upper	
56	100		
41	45.4	23.9	71.7





#43
Dibromomethane
Concen: 0.917 ug/l
RT: 6.914 min Scan# 1749
Delta R.T. 0.003 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

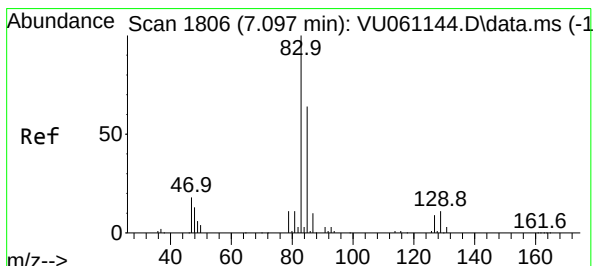
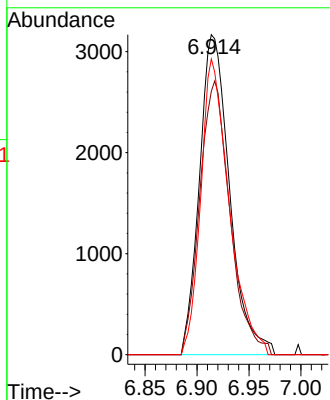
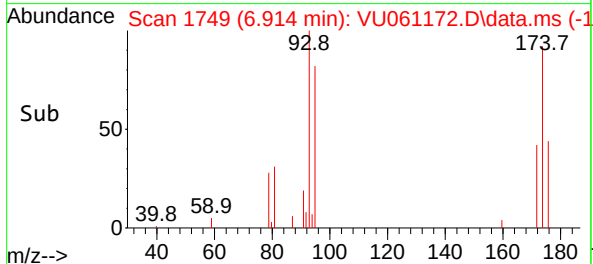
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 93 Resp: 640
Ion Ratio Lower Upper
93 100
95 85.5 67.5 101.3
174 87.0 71.2 106.8

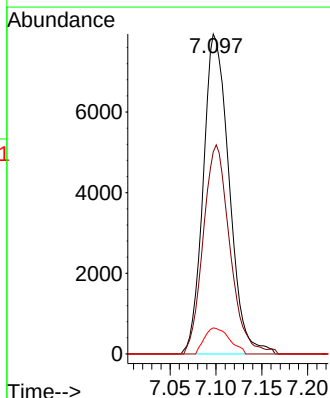
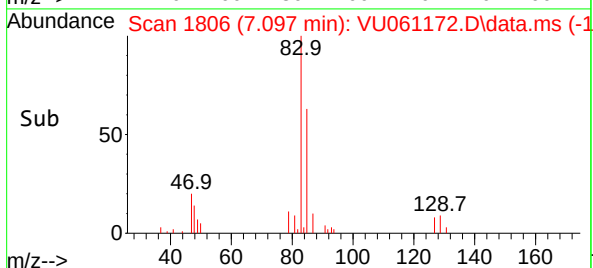
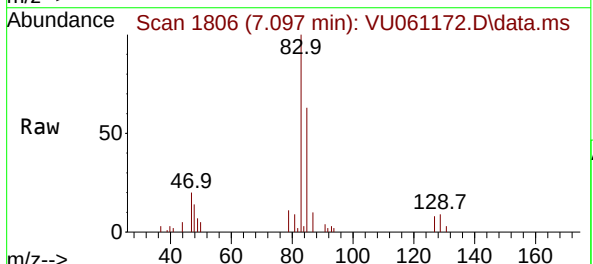
Manual Integrations
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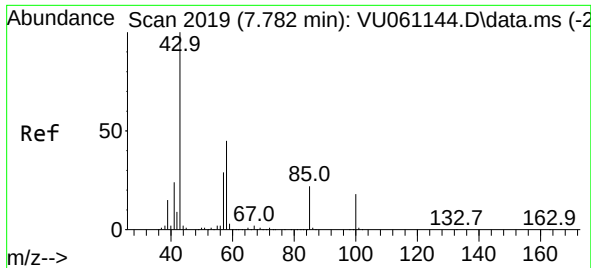
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#44
Bromodichloromethane
Concen: 0.917 ug/l
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

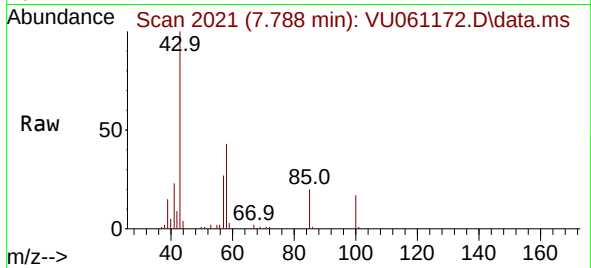
Tgt Ion: 83 Resp: 15581
Ion Ratio Lower Upper
83 100
85 63.2 51.4 77.2
127 8.2 7.4 11.2





#45
4-Methyl-2-Pentanone
Concen: 4.612 ug/l
RT: 7.788 min Scan# 2019
Delta R.T. 0.006 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

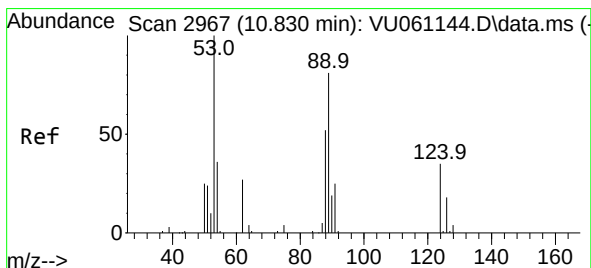
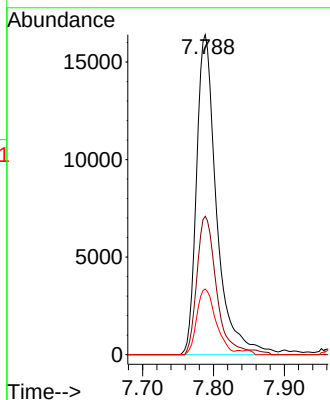
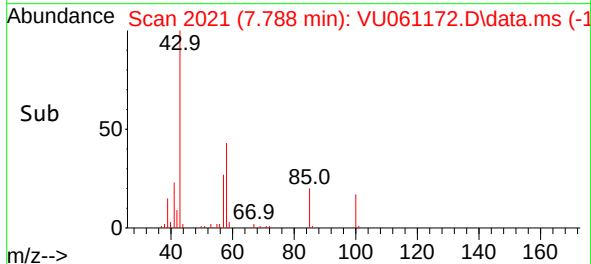
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 43 Resp: 3233
Ion Ratio Lower Upper
43 100
58 42.8 22.2 66.6
85 19.5 17.2 25.8

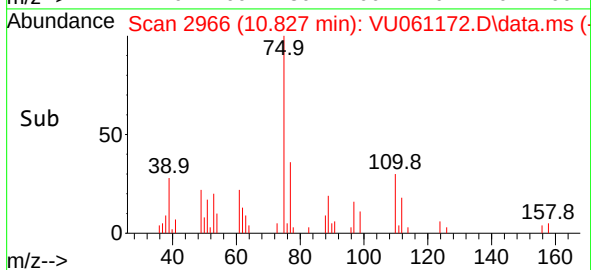
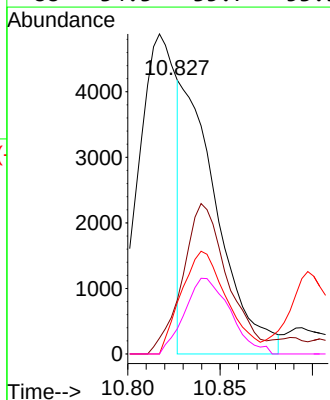
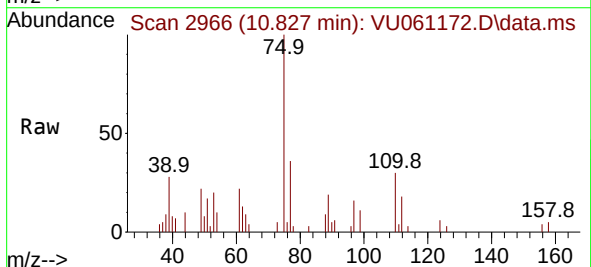
Manual Integrations
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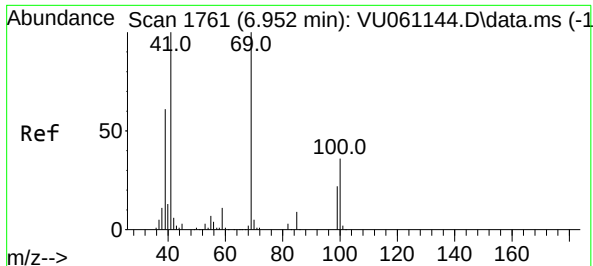
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#46
t-1,4-Dichloro-2-butene
Concen: 2.062 ug/l m
RT: 10.827 min Scan# 2966
Delta R.T. -0.003 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

Tgt Ion: 75 Resp: 5764
Ion Ratio Lower Upper
75 100
53 67.4 66.0 99.0
89 47.1 48.0 72.0#
88 34.3 35.7 53.5#





#47

Methyl methacrylate

Concen: 1.841 ug/l m

RT: 6.965 min Scan# 1

Delta R.T. 0.013 min

Lab File: VU061172.D

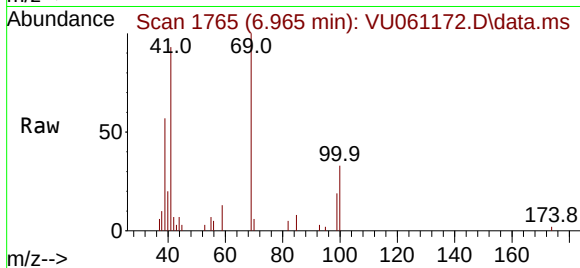
Acq: 21 Oct 2024 15:18

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2024



Tgt Ion: 69 Resp: 11178

Ion Ratio Lower Upper

69 100

41 94.5 0.0 196.0

39 58.4 48.0 72.0

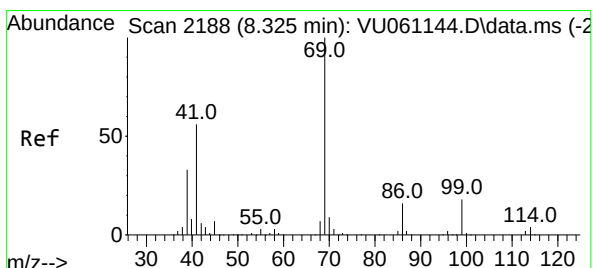
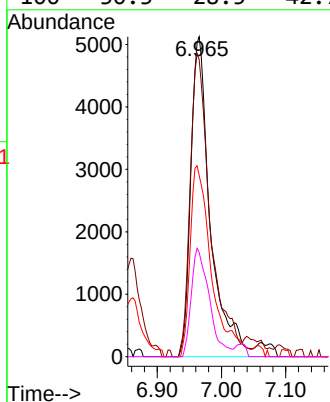
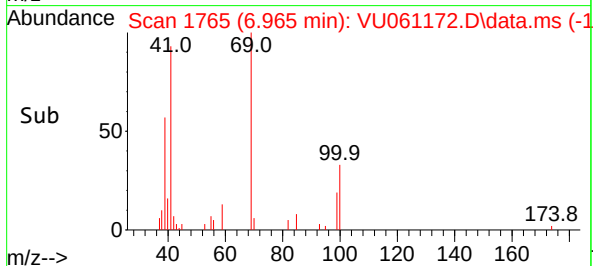
100 30.3 28.5 42.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#48

Ethyl methacrylate

Concen: 0.864 ug/l

RT: 8.335 min Scan# 2191

Delta R.T. 0.010 min

Lab File: VU061172.D

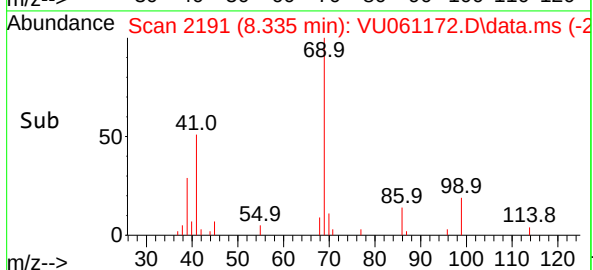
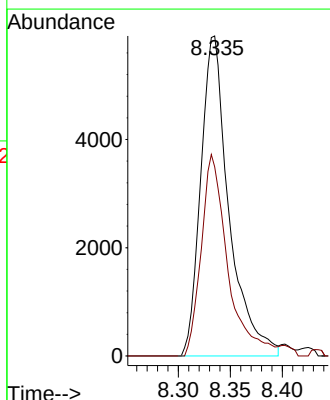
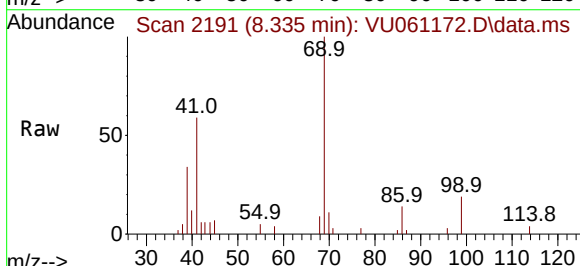
Acq: 21 Oct 2024 15:18

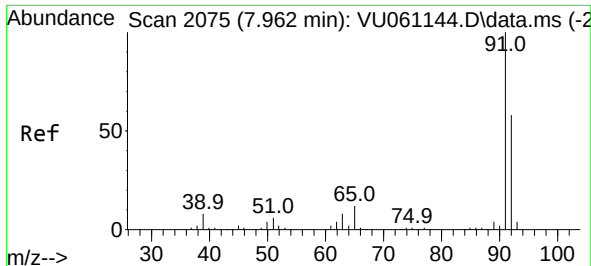
Tgt Ion: 69 Resp: 11189

Ion Ratio Lower Upper

69 100

41 58.8 28.1 84.3





#49

Toluene

Concen: 0.910 ug/l

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU061172.D

Acq: 21 Oct 2024 15:18

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion: 92 Resp: 30589

Ion Ratio Lower Upper

92 100

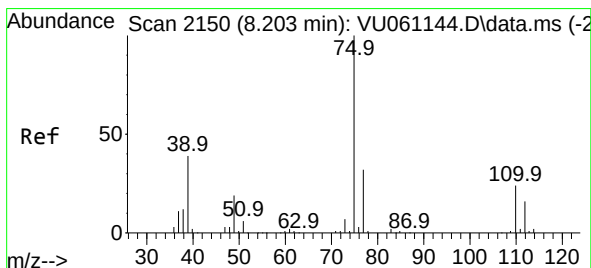
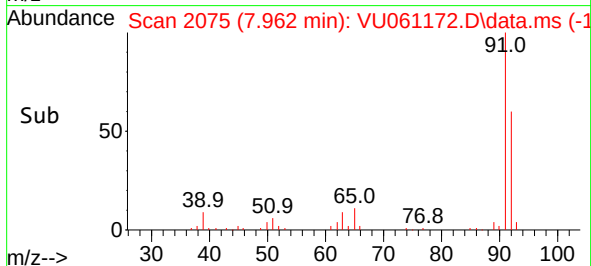
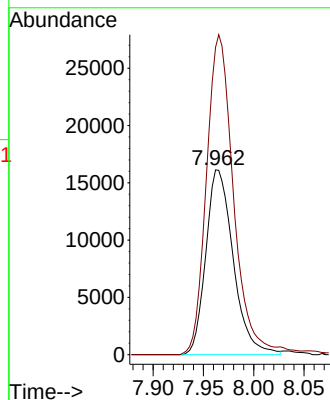
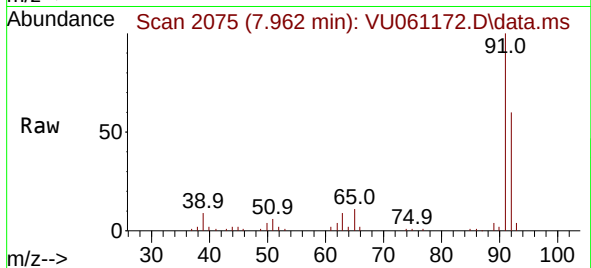
91 172.0 139.1 208.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#50

t-1,3-Dichloropropene

Concen: 0.887 ug/l

RT: 8.210 min Scan# 2152

Delta R.T. 0.006 min

Lab File: VU061172.D

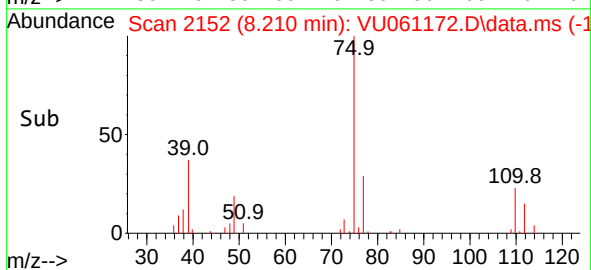
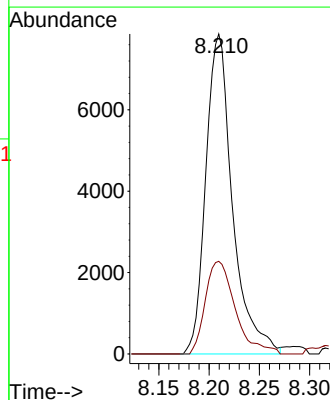
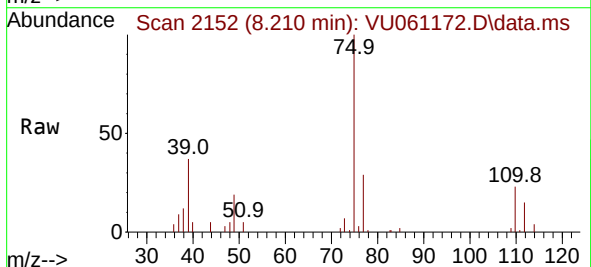
Acq: 21 Oct 2024 15:18

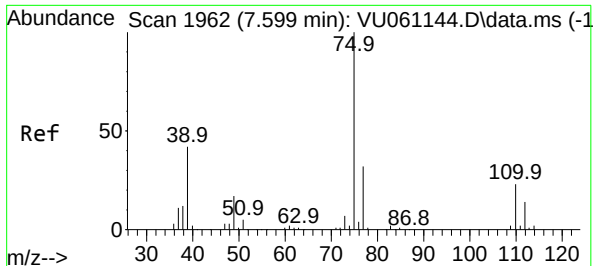
Tgt Ion: 75 Resp: 14526

Ion Ratio Lower Upper

75 100

77 28.9 25.9 38.9





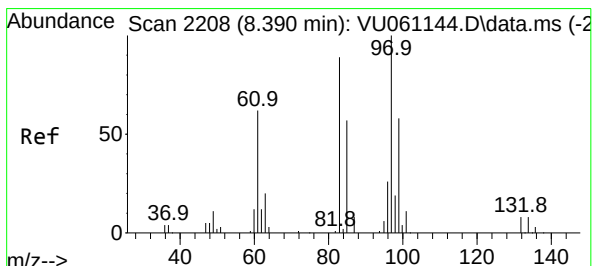
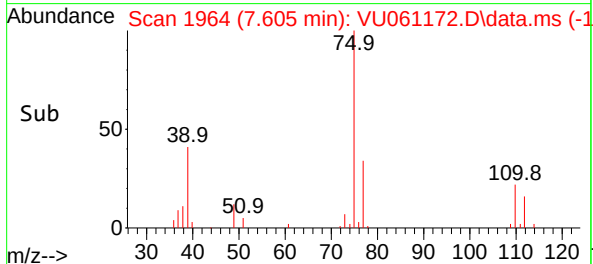
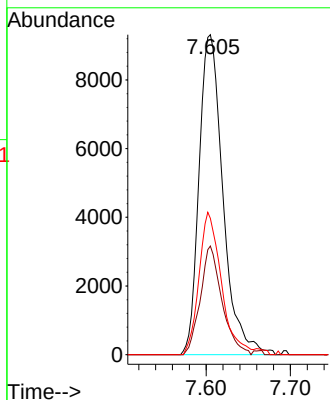
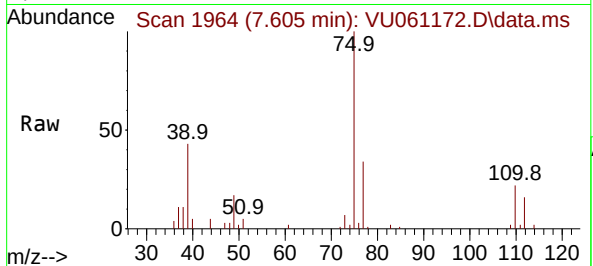
#51
 cis-1,3-Dichloropropene
 Concen: 0.916 ug/l
 RT: 7.605 min Scan# 1962
 Delta R.T. 0.006 min
 Lab File: VU061172.D
 Acq: 21 Oct 2024 15:18

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

Tgt Ion: 75 Resp: 18400
 Ion Ratio Lower Upper
 75 100
 77 34.0 25.8 38.8
 39 42.6 33.7 50.5

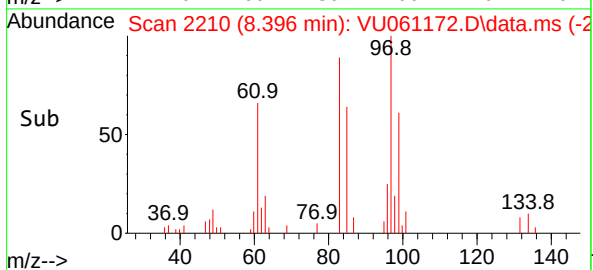
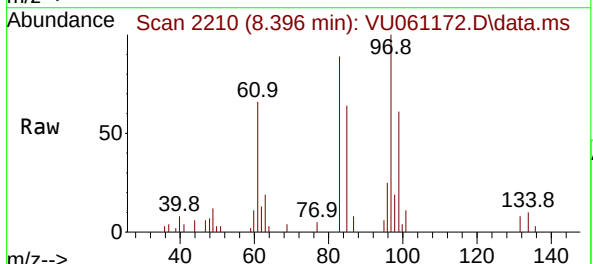
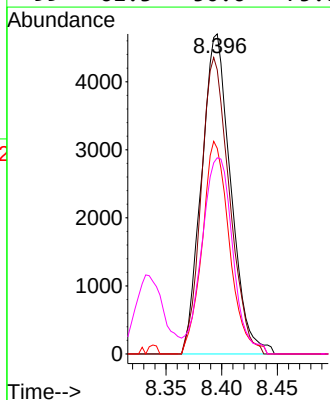
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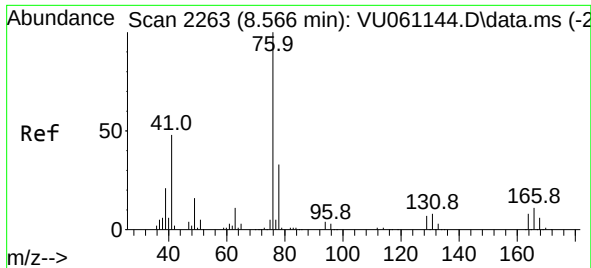
Reviewed By :Mahesh Dadoda 10/25/2024
 Supervised By :Semsettin Yesilyurt 10/25/2024



#52
 1,1,2-Trichloroethane
 Concen: 0.908 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.006 min
 Lab File: VU061172.D
 Acq: 21 Oct 2024 15:18

Tgt Ion: 97 Resp: 8556
 Ion Ratio Lower Upper
 97 100
 83 88.8 71.0 106.4
 85 64.2 46.1 69.1
 99 61.3 50.6 75.8





#53

1,3-Dichloropropane

Concen: 0.997 ug/l

RT: 8.570 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU061172.D

Acq: 21 Oct 2024 15:18

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion: 76 Resp: 1650

Ion Ratio Lower Upper

76 100

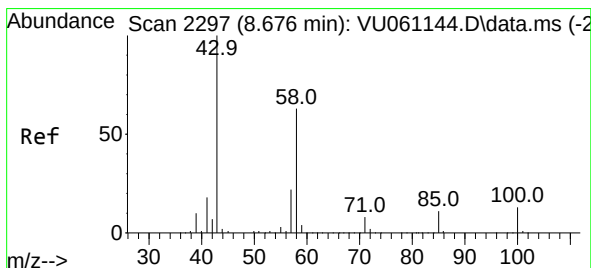
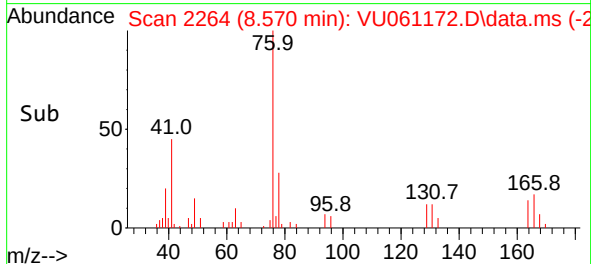
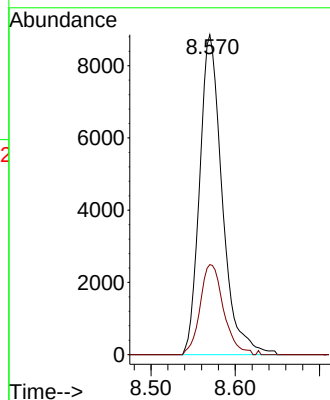
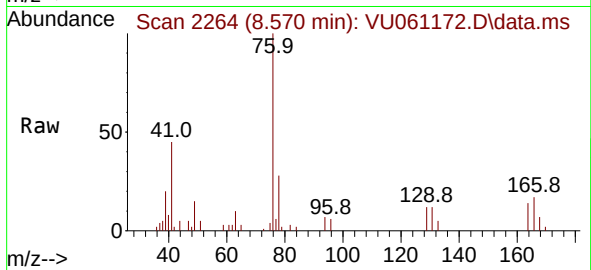
78 29.3 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#54

2-Hexanone

Concen: 4.719 ug/l

RT: 8.685 min Scan# 2300

Delta R.T. 0.010 min

Lab File: VU061172.D

Acq: 21 Oct 2024 15:18

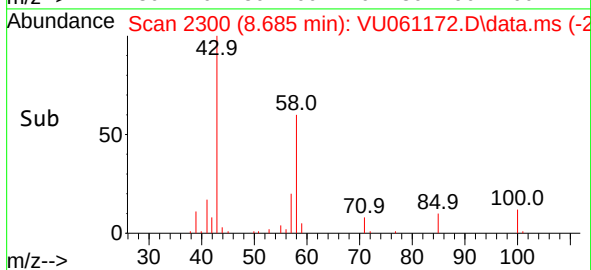
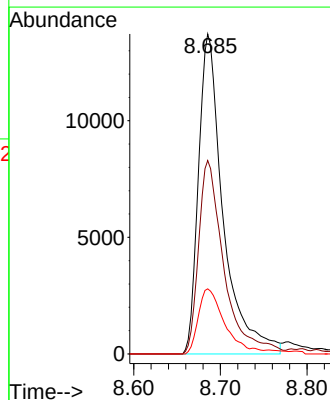
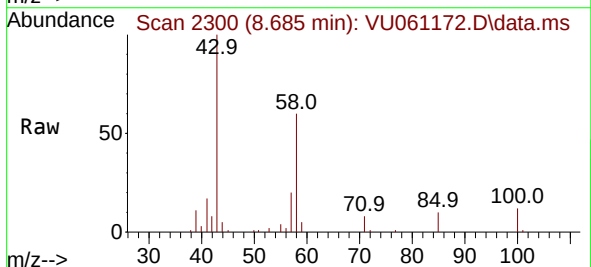
Tgt Ion: 43 Resp: 27182

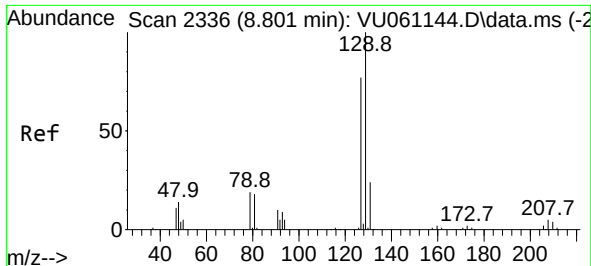
Ion Ratio Lower Upper

43 100

58 62.1 41.8 81.8

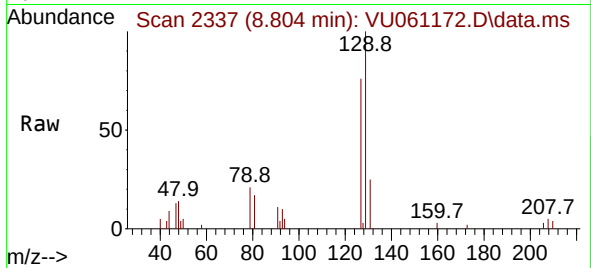
57 21.7 1.4 41.4





#55
Dibromochloromethane
Concen: 0.891 ug/l
RT: 8.804 min Scan# 2112
Delta R.T. 0.003 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

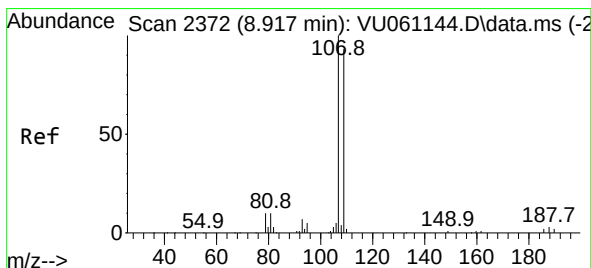
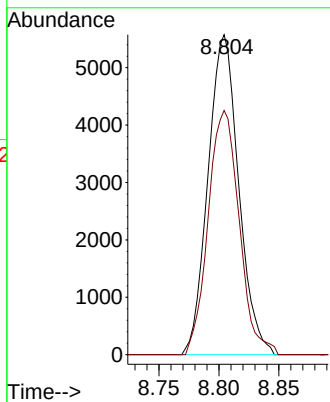
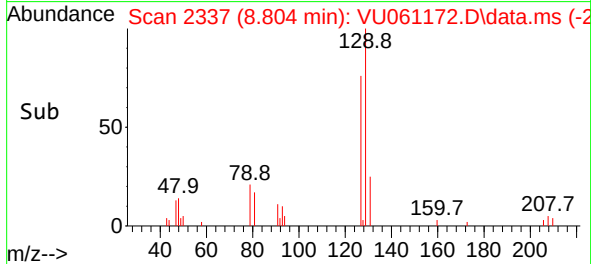
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:129 Resp: 9912
Ion Ratio Lower Upper
129 100
127 77.4 61.9 92.9

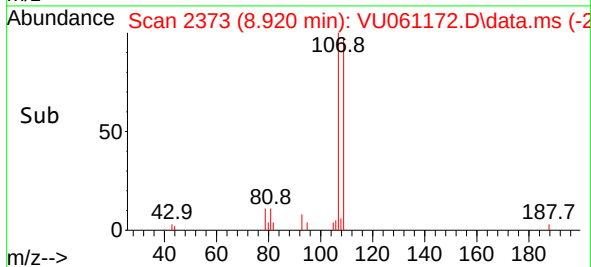
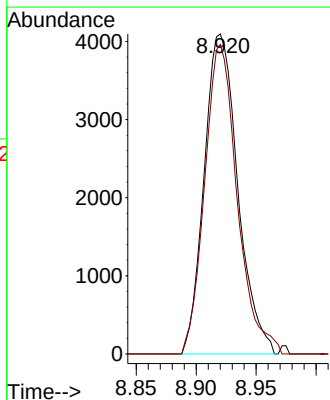
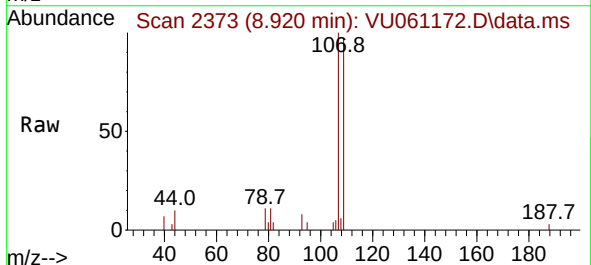
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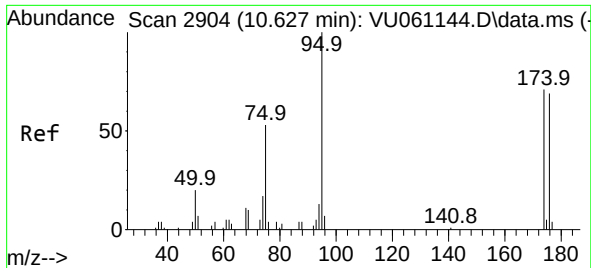
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#56
1,2-Dibromoethane
Concen: 0.884 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

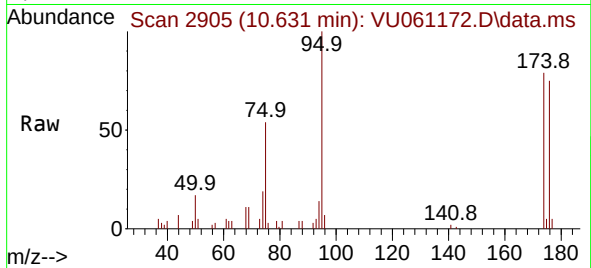
Tgt Ion:107 Resp: 7991
Ion Ratio Lower Upper
107 100
109 93.7 0.0 185.2





#57
4-Bromofluorobenzene
Concen: 0.952 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.003 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

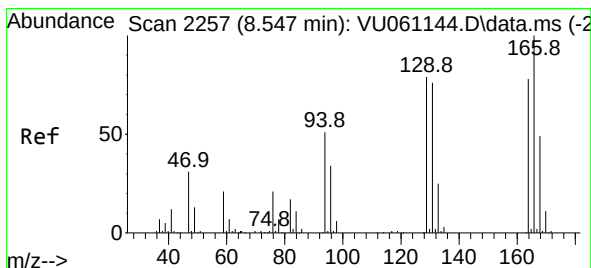
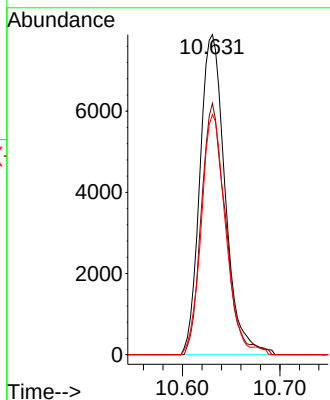
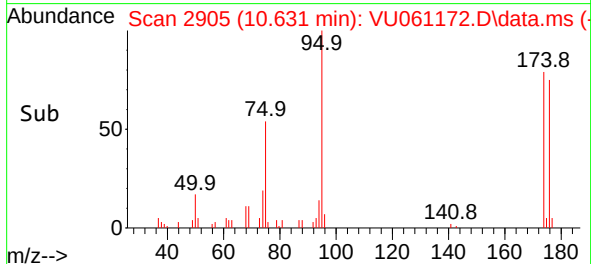
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 95 Resp: 1417
Ion Ratio Lower Upper
95 100
174 75.3 55.4 83.0
176 73.1 54.4 81.6

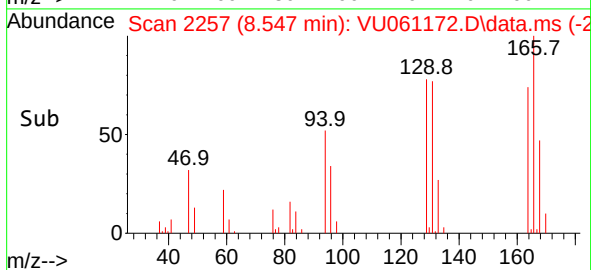
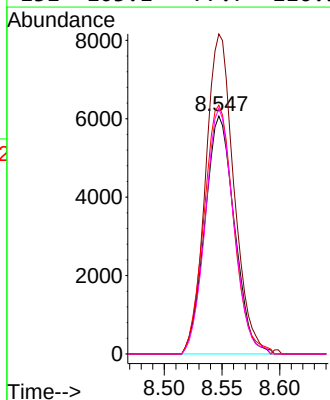
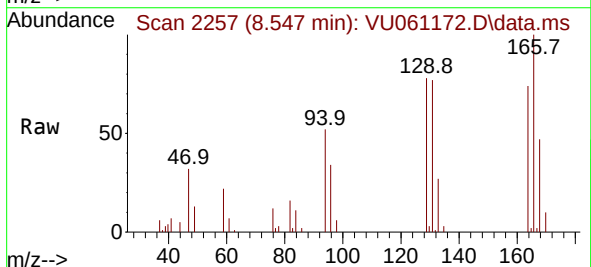
Manual Integrations
APPROVED

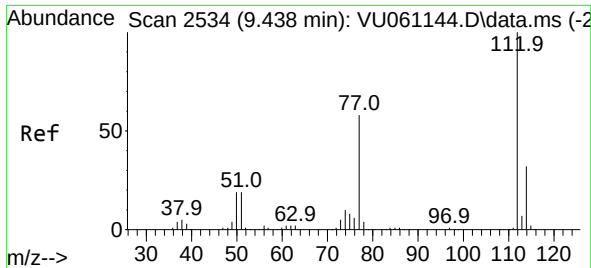
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#58
Tetrachloroethene
Concen: 0.894 ug/l
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

Tgt Ion:164 Resp: 10765
Ion Ratio Lower Upper
164 100
166 134.5 102.1 153.1
129 104.6 80.6 120.8
131 103.1 77.7 116.5





#59

Chlorobenzene

Concen: 0.886 ug/l

RT: 9.444 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU061172.D

Acq: 21 Oct 2024 15:18

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:112 Resp: 3206

Ion Ratio Lower Upper

112 100

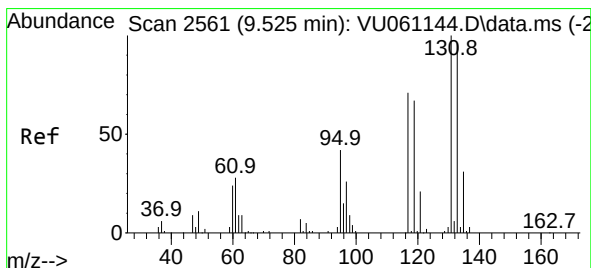
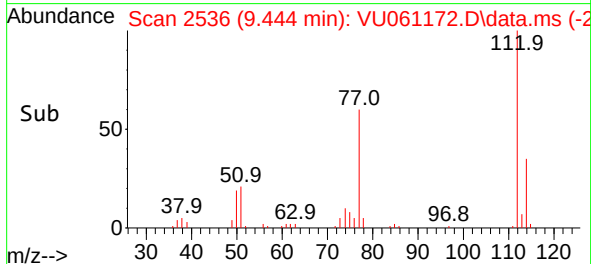
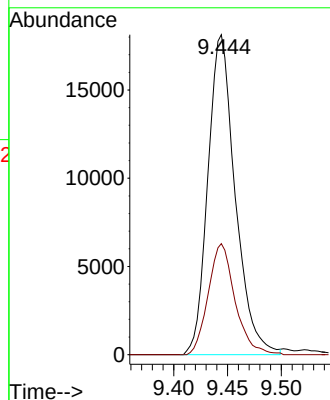
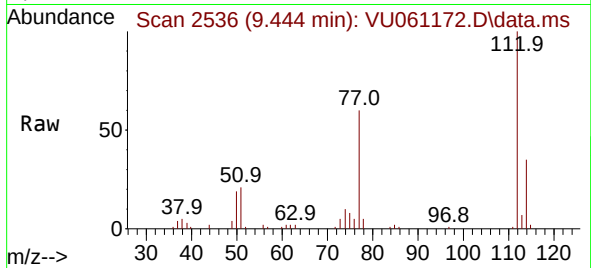
114 34.7 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#60

1,1,1,2-Tetrachloroethane

Concen: 0.919 ug/l

RT: 9.528 min Scan# 2562

Delta R.T. 0.003 min

Lab File: VU061172.D

Acq: 21 Oct 2024 15:18

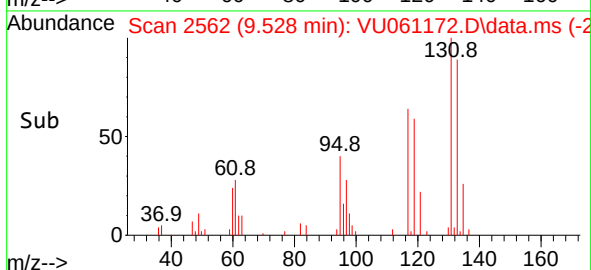
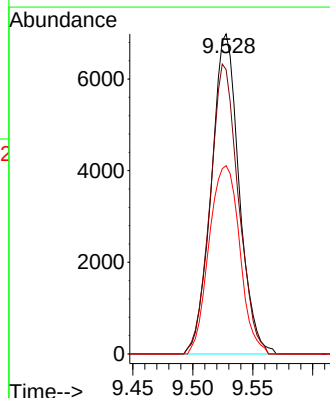
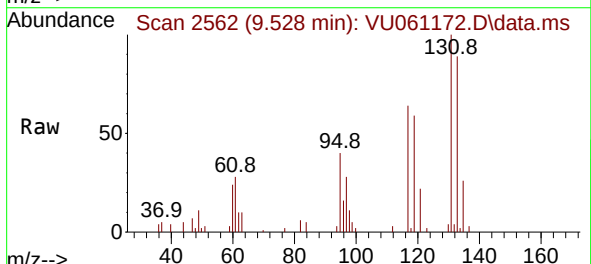
Tgt Ion:131 Resp: 11225

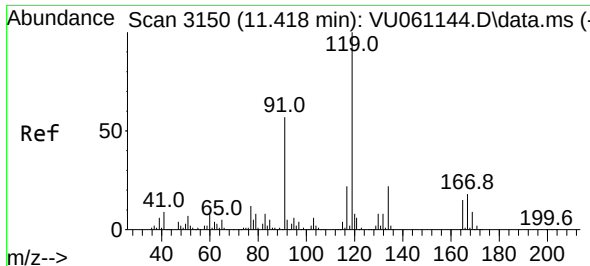
Ion Ratio Lower Upper

131 100

133 92.3 76.8 115.2

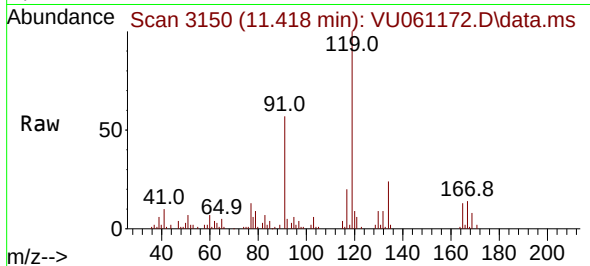
119 64.9 54.2 81.2





#61
Pentachloroethane
Concen: 0.861 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

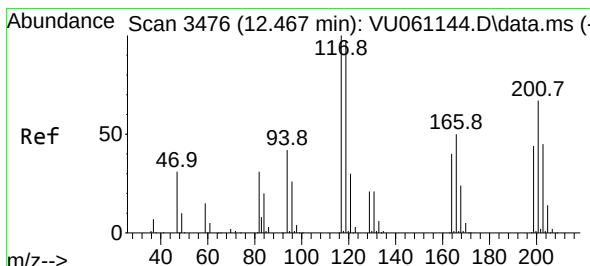
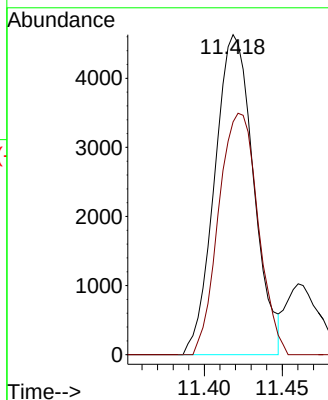
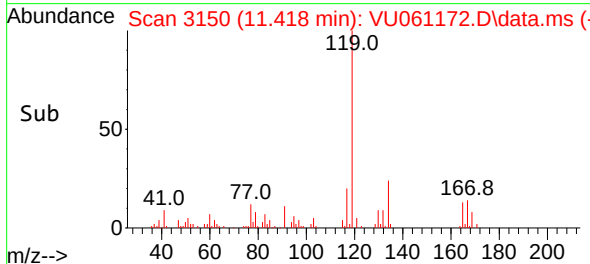
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:117 Resp: 804
Ion Ratio Lower Upper
117 100
167 76.1 63.4 95.2

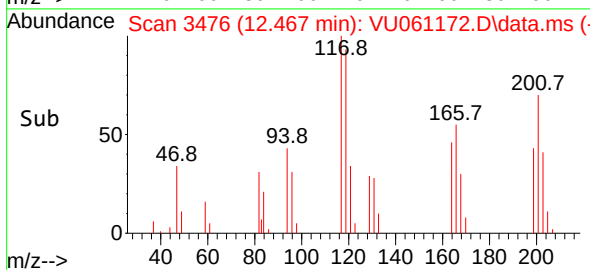
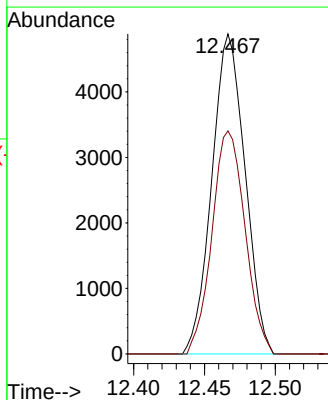
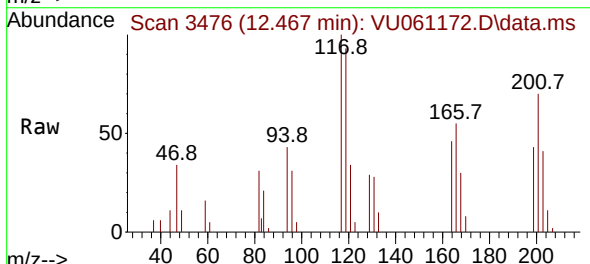
Manual Integrations
APPROVED

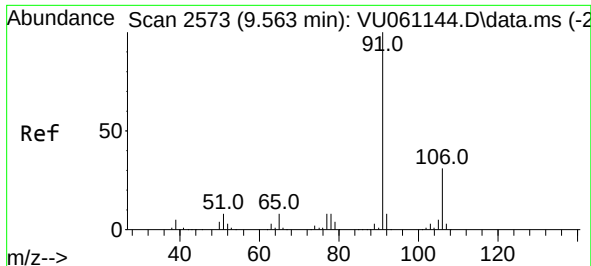
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#62
Hexachloroethane
Concen: 0.829 ug/l
RT: 12.467 min Scan# 3476
Delta R.T. -0.000 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

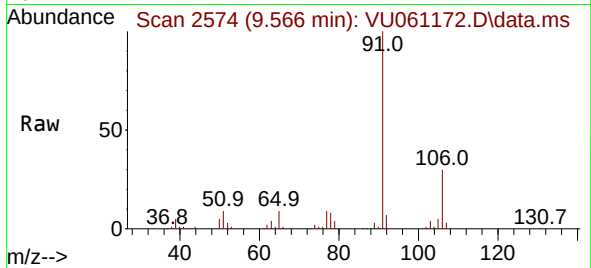
Tgt Ion:117 Resp: 7977
Ion Ratio Lower Upper
117 100
201 69.3 54.3 81.5





#63
Ethyl Benzene
Concen: 0.868 ug/l
RT: 9.566 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

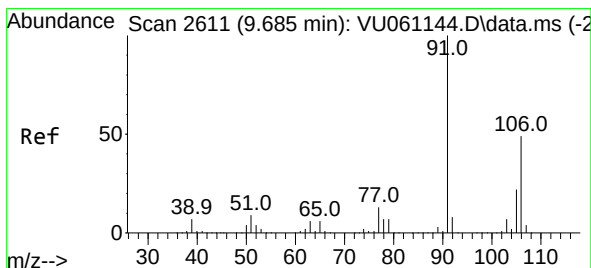
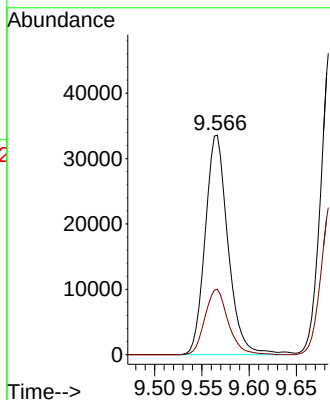
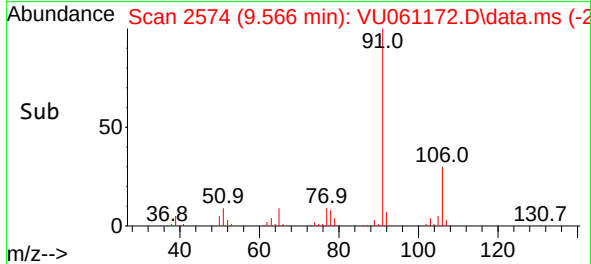
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 91 Resp: 5630
Ion Ratio Lower Upper
91 100
106 29.8 24.6 37.0

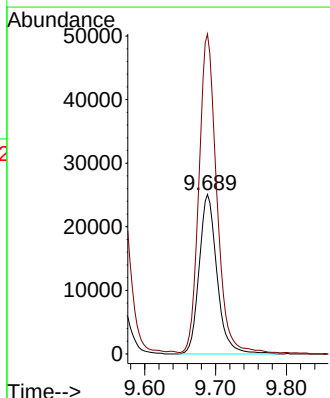
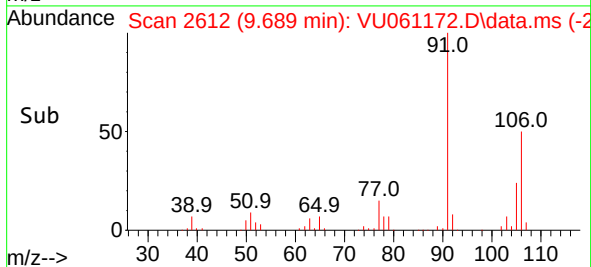
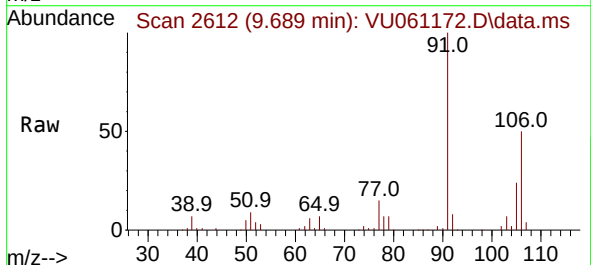
Manual Integrations
APPROVED

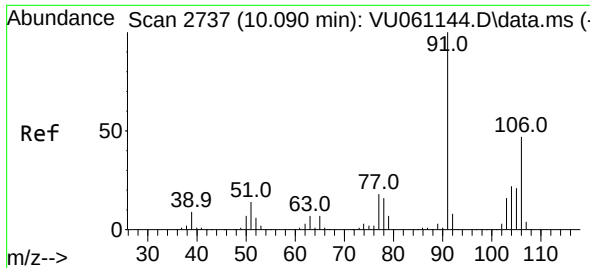
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#64
m/p-Xylenes
Concen: 1.777 ug/l
RT: 9.689 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

Tgt Ion:106 Resp: 43846
Ion Ratio Lower Upper
106 100
91 197.9 163.3 244.9





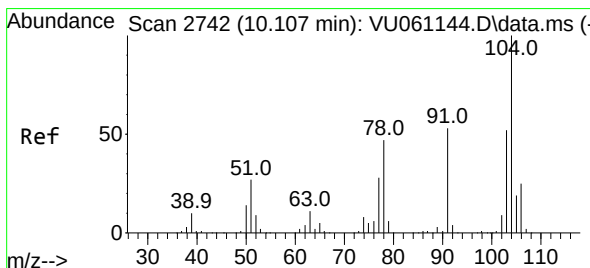
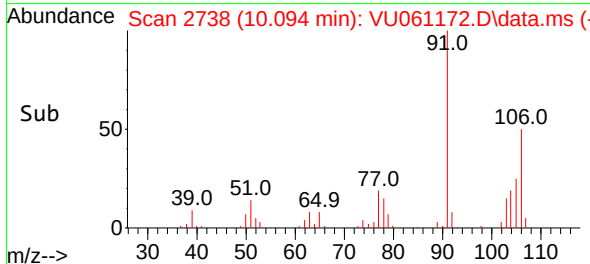
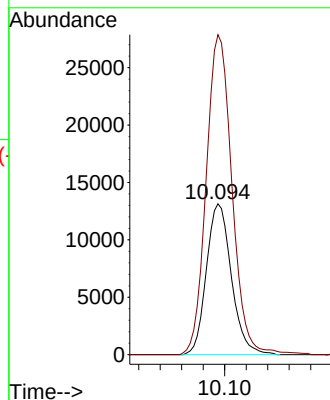
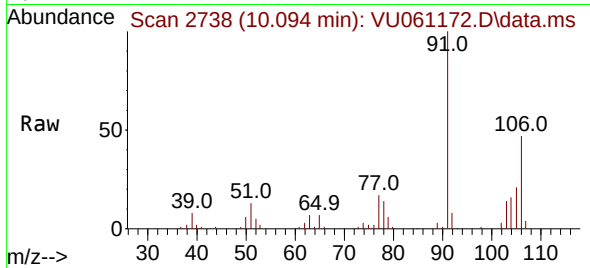
#65
o-Xylene
Concen: 0.872 ug/l
RT: 10.094 min Scan# 21189
Delta R.T. 0.003 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

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

Tgt Ion:106 Resp: 21189
Ion Ratio Lower Upper
106 100
91 219.3 106.9 320.8

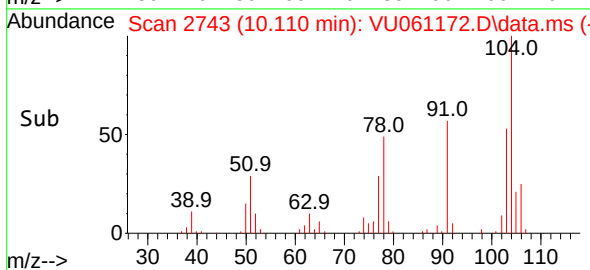
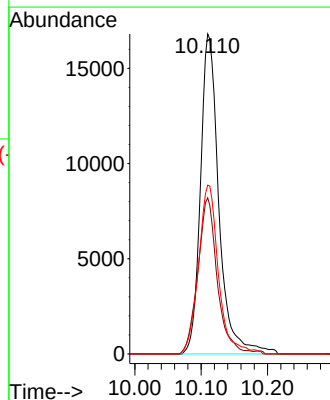
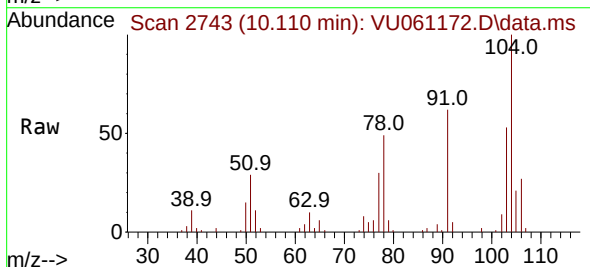
Manual Integrations
APPROVED

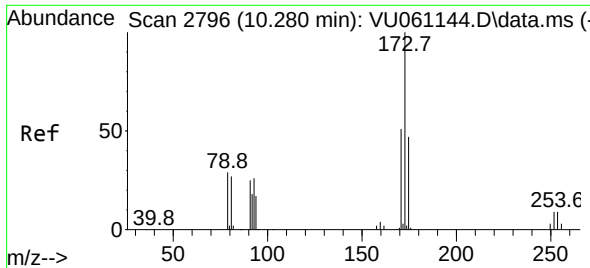
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#66
Styrene
Concen: 0.859 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. 0.003 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

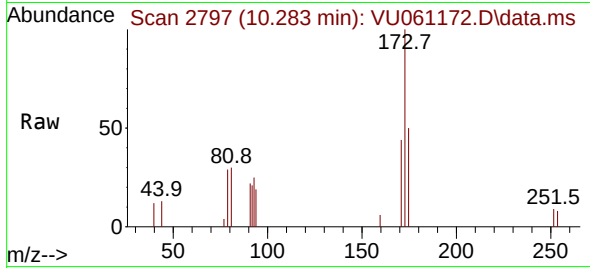
Tgt Ion:104 Resp: 32474
Ion Ratio Lower Upper
104 100
78 51.3 41.6 62.4
103 57.1 45.0 67.6





#67
Bromoform
Concen: 0.867 ug/l
RT: 10.283 min Scan# 2796
Delta R.T. 0.003 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

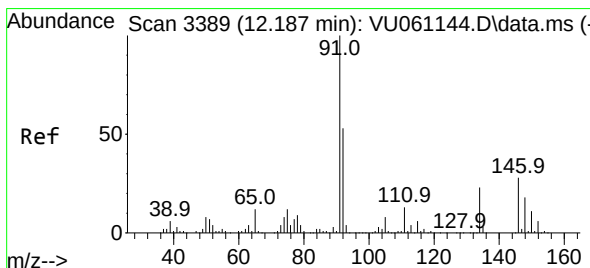
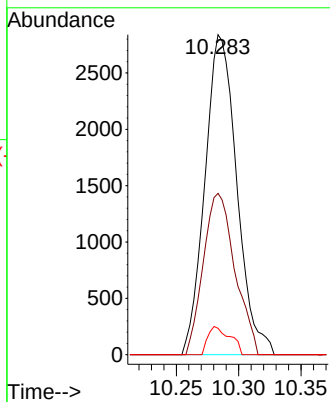
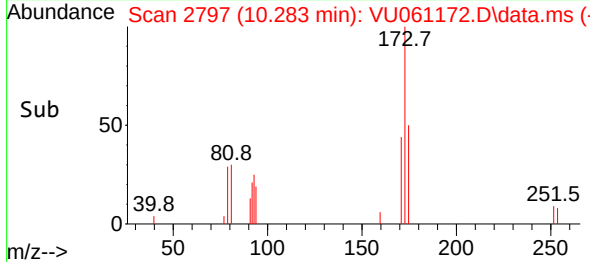
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:173 Resp: 5049
Ion Ratio Lower Upper
173 100
175 50.0 37.8 56.8
254 6.1 7.0 10.4

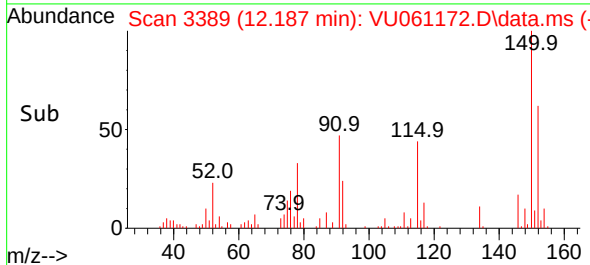
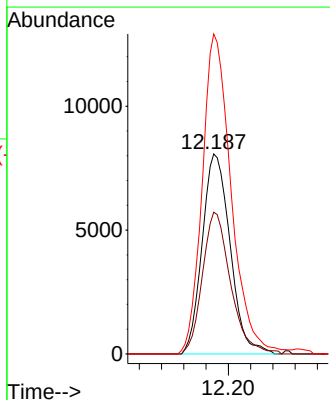
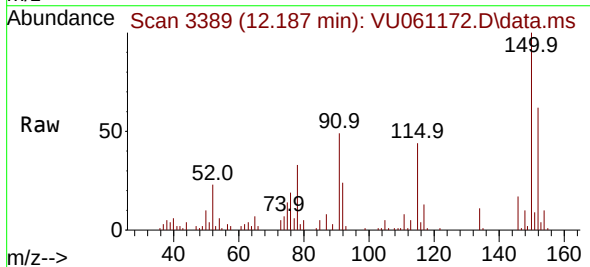
Manual Integrations
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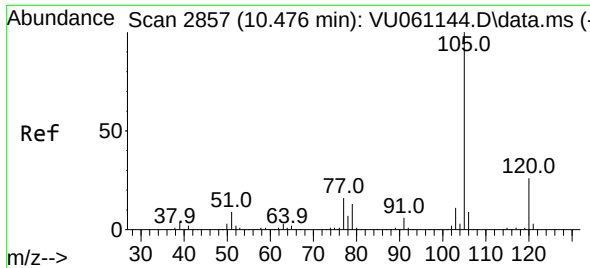
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#68
1,2-Dichlorobenzene-d4
Concen: 0.959 ug/l
RT: 12.187 min Scan# 3389
Delta R.T. 0.000 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

Tgt Ion:152 Resp: 14061
Ion Ratio Lower Upper
152 100
115 71.5 0.0 275.0
150 166.0 0.0 668.8





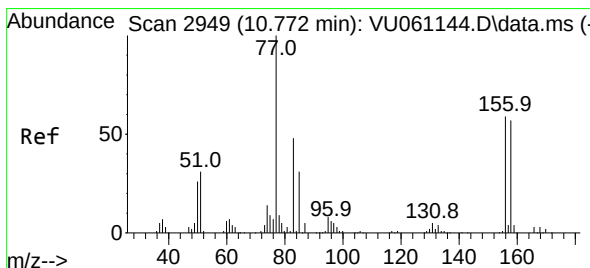
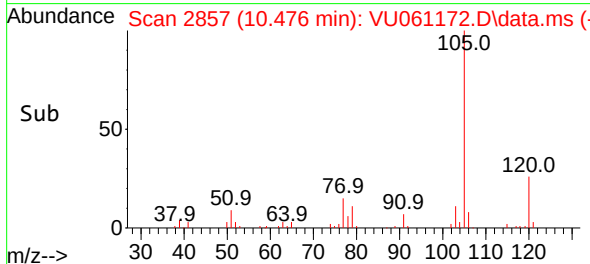
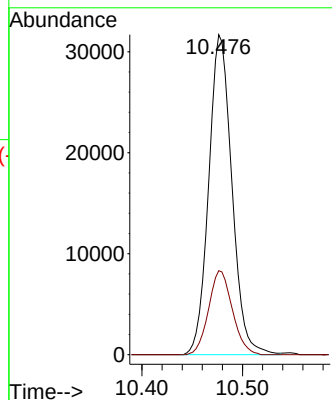
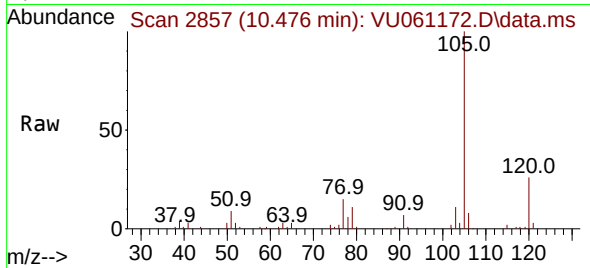
#69
Isopropylbenzene
Concen: 0.879 ug/l
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

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

Tgt Ion:105 Resp: 5080
Ion Ratio Lower Upper
105 100
120 26.9 13.1 39.1

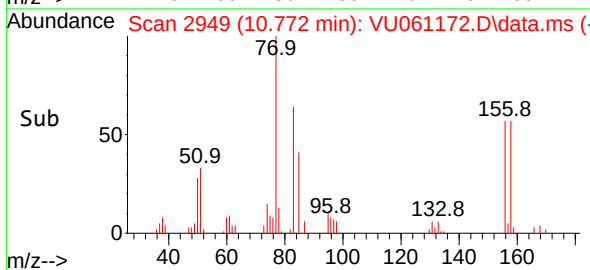
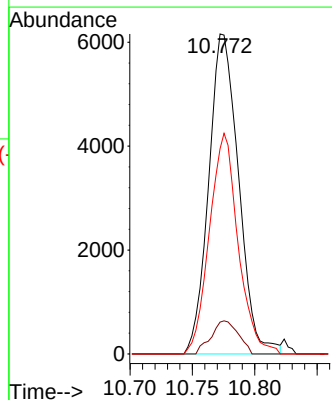
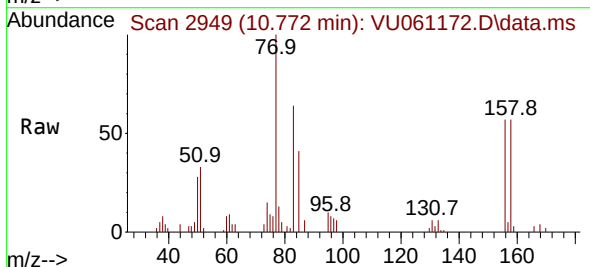
Manual Integrations
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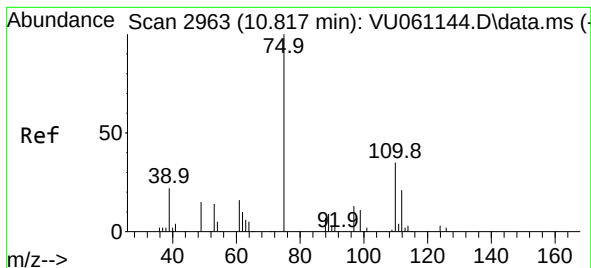
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#70
1,1,2,2-Tetrachloroethane
Concen: 0.899 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

Tgt Ion: 83 Resp: 10281
Ion Ratio Lower Upper
83 100
131 9.4 7.8 11.8
85 66.2 50.8 76.2





#71

1,2,3-Trichloropropane

Concen: 0.830 ug/l m

RT: 10.817 min Scan# 2963

Delta R.T. -0.000 min

Lab File: VU061172.D

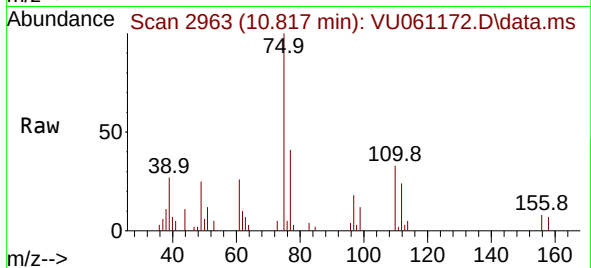
Acq: 21 Oct 2024 15:18

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2024



Tgt Ion: 75 Resp: 7732

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

110 35.0 0.0 68.6

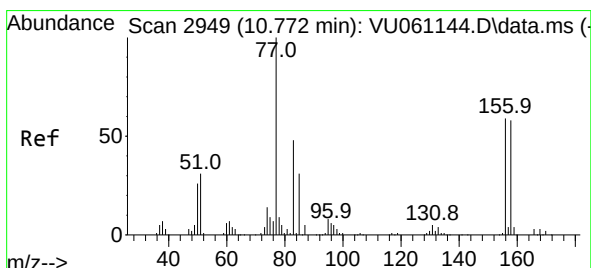
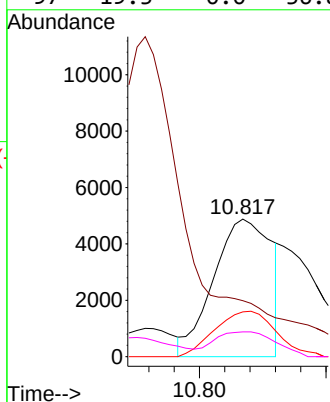
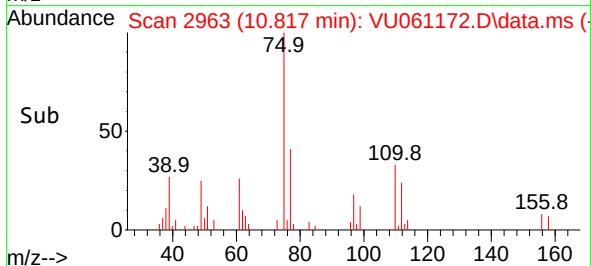
97 19.3 0.0 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#72

Bromobenzene

Concen: 0.881 ug/l

RT: 10.779 min Scan# 2951

Delta R.T. 0.006 min

Lab File: VU061172.D

Acq: 21 Oct 2024 15:18

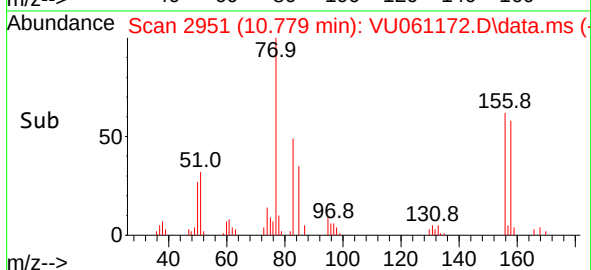
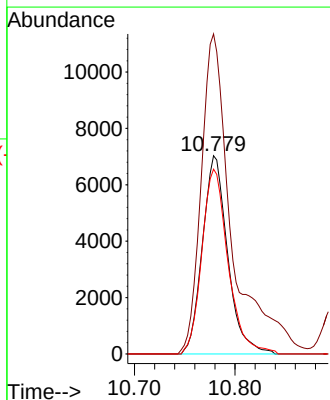
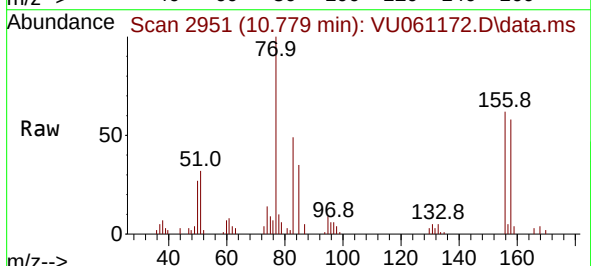
Tgt Ion:156 Resp: 12255

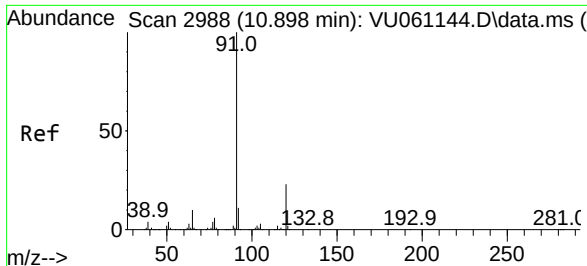
Ion Ratio Lower Upper

156 100

77 197.5 0.0 337.2

158 97.0 0.0 192.8





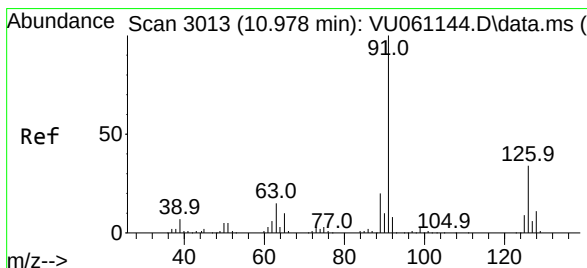
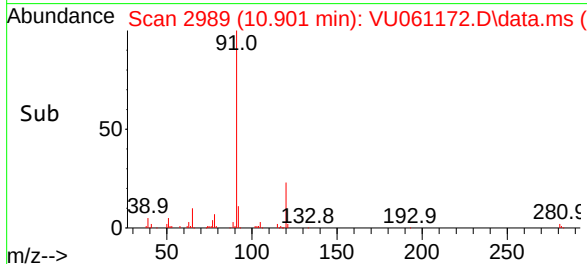
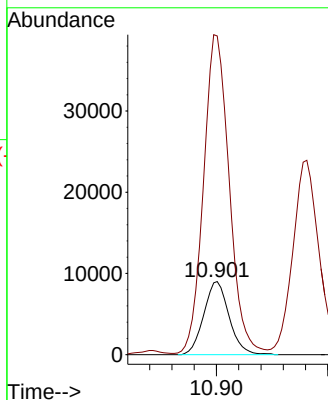
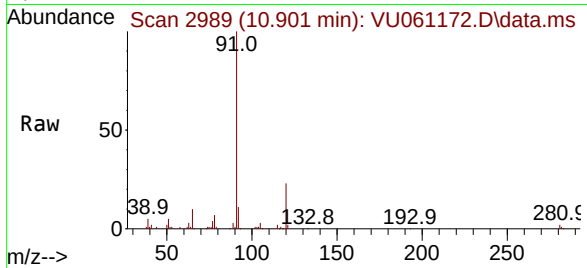
#73
n-propylbenzene
Concen: 0.843 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.003 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

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

Tgt Ion:120 Resp: 14220
Ion Ratio Lower Upper
120 100
91 440.8 353.6 530.4

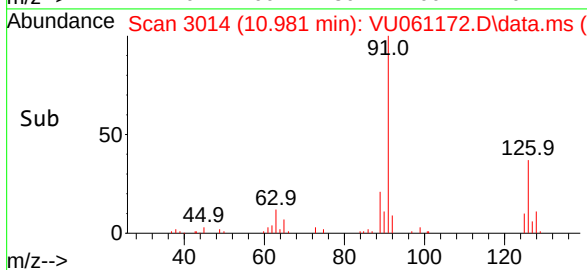
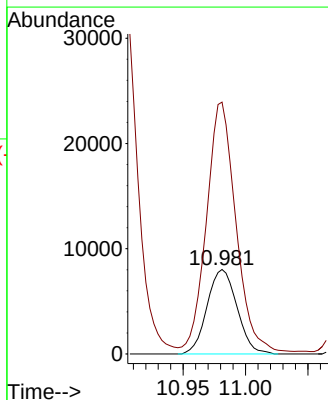
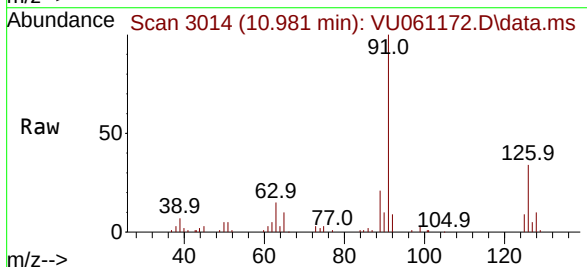
Manual Integrations
APPROVED

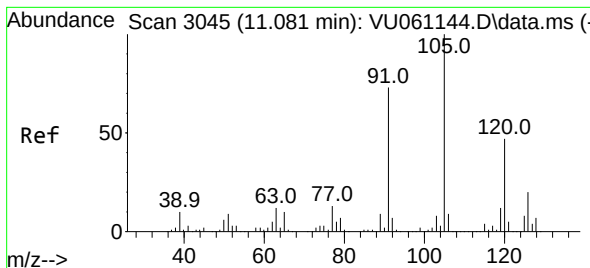
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#74
2-Chlorotoluene
Concen: 0.917 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

Tgt Ion:126 Resp: 13389
Ion Ratio Lower Upper
126 100
91 288.6 0.0 595.2





#75

1,3,5-Trimethylbenzene

Concen: 0.876 ug/l

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU061172.D

Acq: 21 Oct 2024 15:18

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:105 Resp: 4567

Ion Ratio Lower Upper

105 100

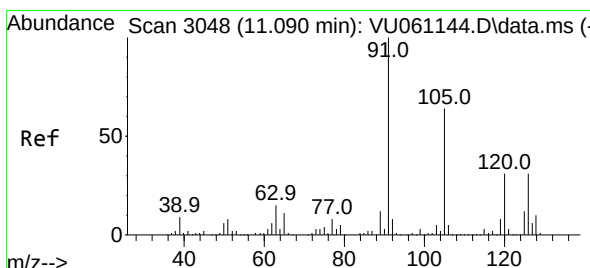
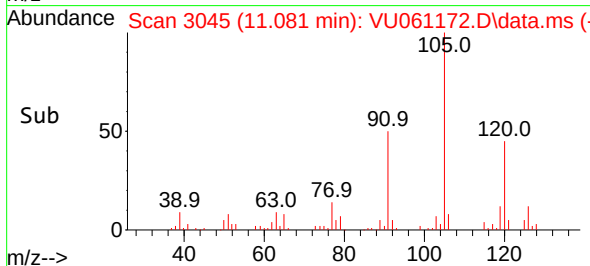
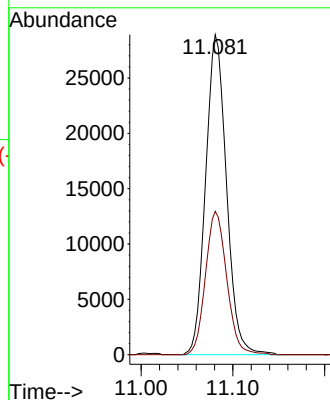
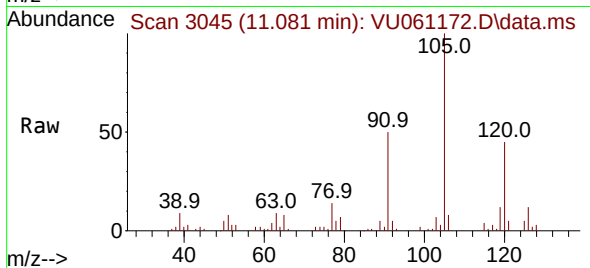
120 45.7 38.0 57.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/25/2024

Supervised By :Semsettin Yesilyurt 10/25/2024



#76

4-Chlorotoluene

Concen: 0.866 ug/l

RT: 11.094 min Scan# 3049

Delta R.T. 0.003 min

Lab File: VU061172.D

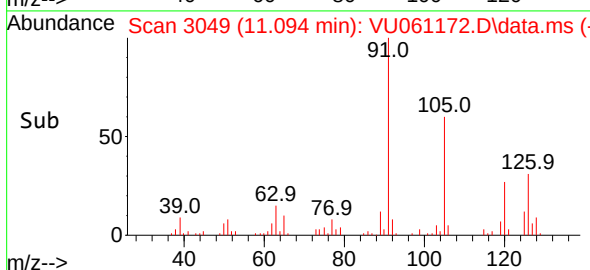
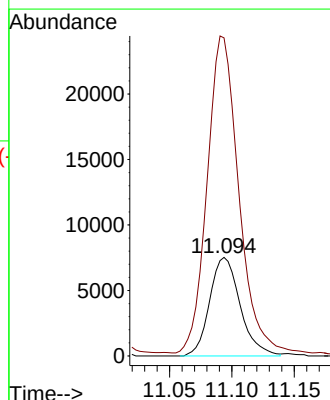
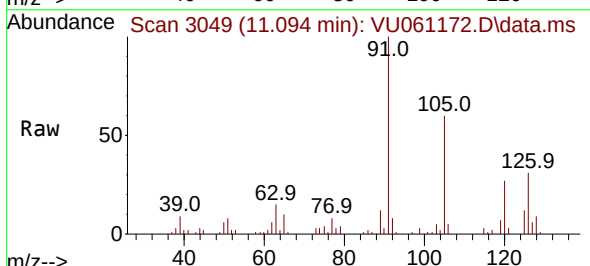
Acq: 21 Oct 2024 15:18

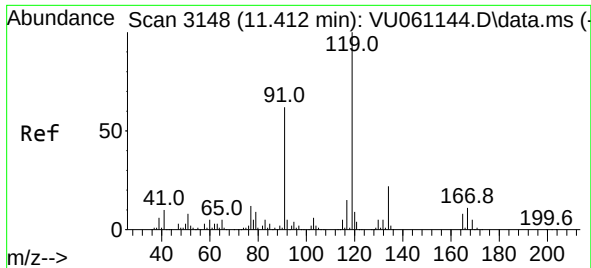
Tgt Ion:126 Resp: 12841

Ion Ratio Lower Upper

126 100

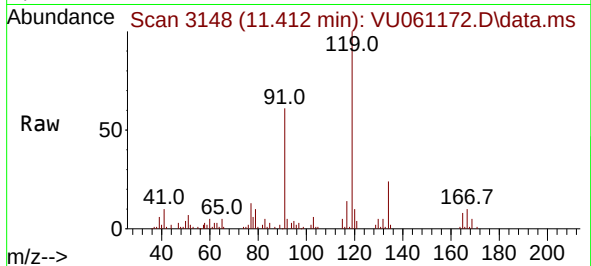
91 332.1 0.0 678.2





#77
tert-Butylbenzene
Concen: 0.881 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

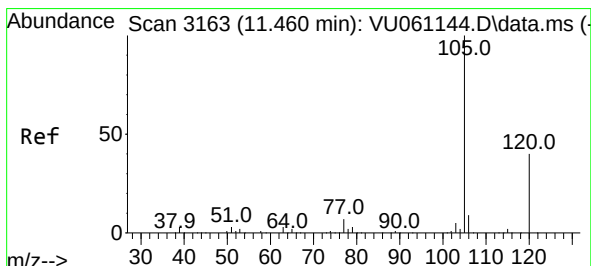
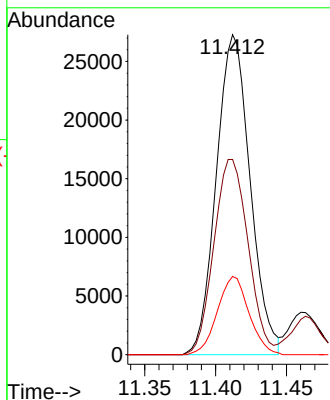
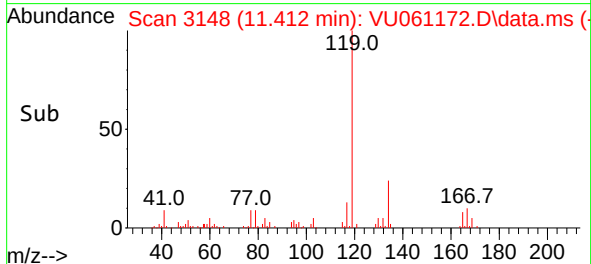
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



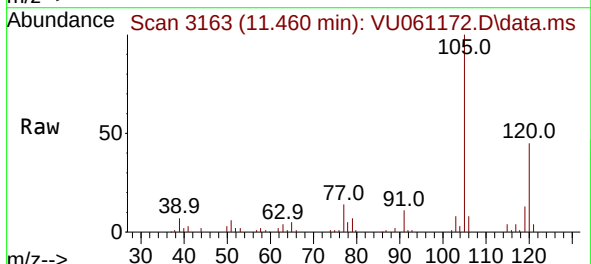
Tgt Ion:119 Resp: 45385
Ion Ratio Lower Upper
119 100
91 61.7 30.1 90.5
134 22.8 17.5 26.3

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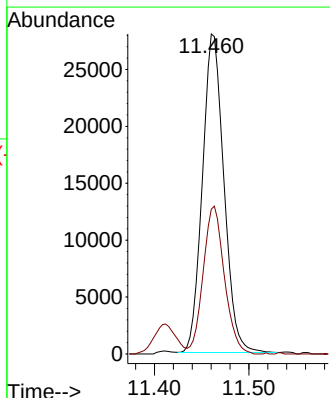
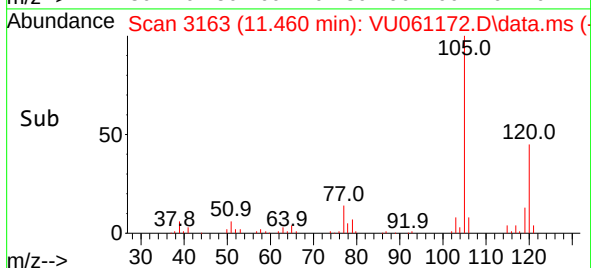
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

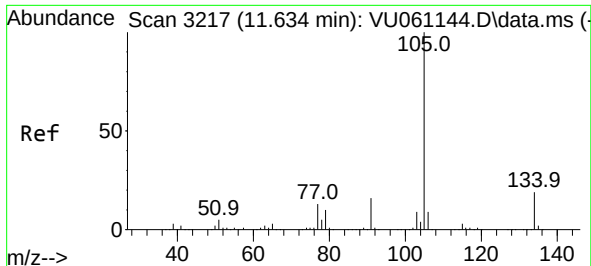


#78
1,2,4-Trimethylbenzene
Concen: 0.840 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18



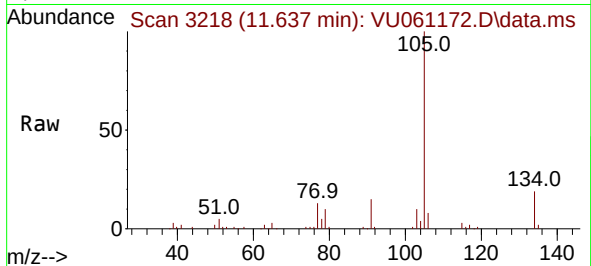
Tgt Ion:105 Resp: 44231
Ion Ratio Lower Upper
105 100
120 45.8 22.3 66.9





#79
sec-Butylbenzene
Concen: 0.878 ug/l
RT: 11.637 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

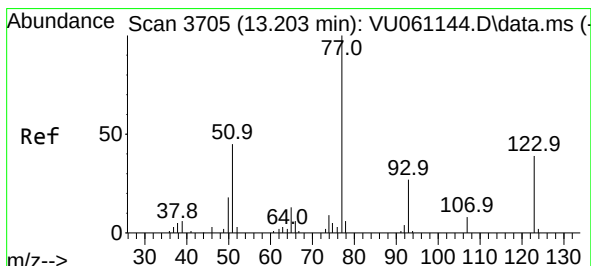
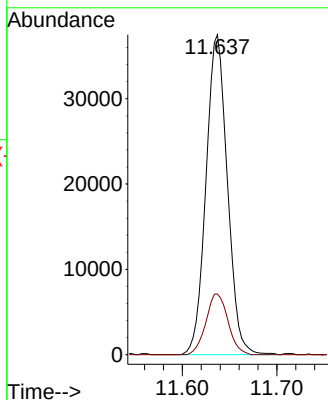
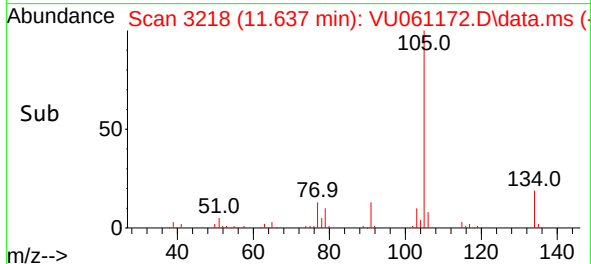
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:105 Resp: 58900
Ion Ratio Lower Upper
105 100
134 19.6 15.5 23.3

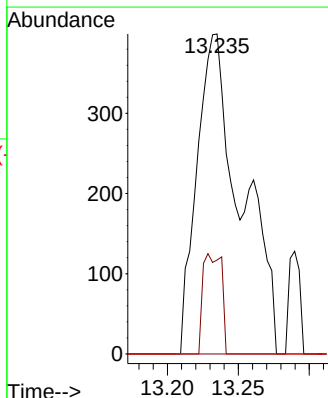
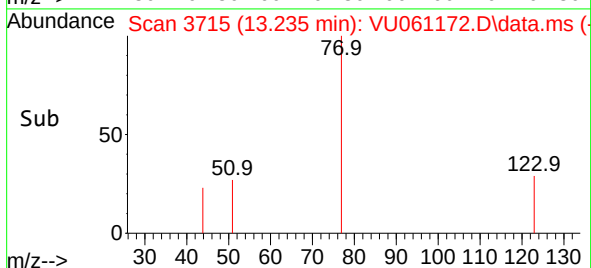
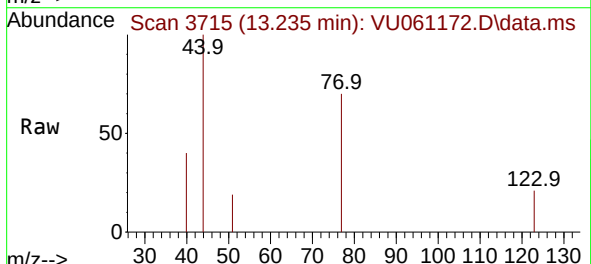
Manual Integrations
APPROVED

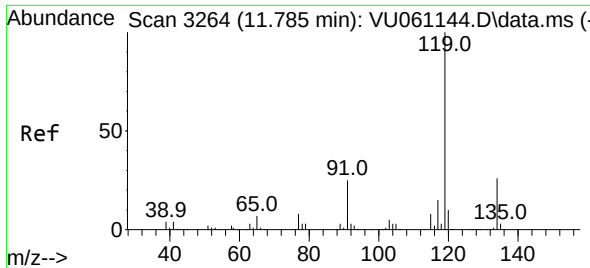
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#80
Nitrobenzene
Concen: 3.458 ug/l m
RT: 13.235 min Scan# 3715
Delta R.T. 0.032 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

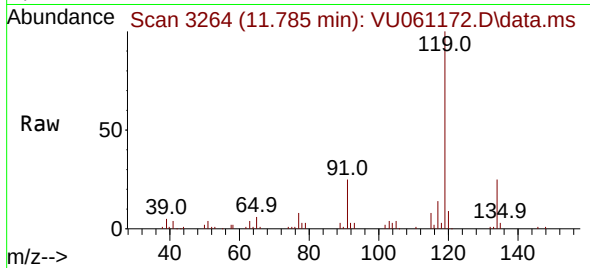
Tgt Ion: 77 Resp: 866
Ion Ratio Lower Upper
77 100
123 13.2 15.6 55.2#
65 0.0 10.7 13.7#





#81
p-Isopropyltoluene
Concen: 0.839 ug/l
RT: 11.785 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

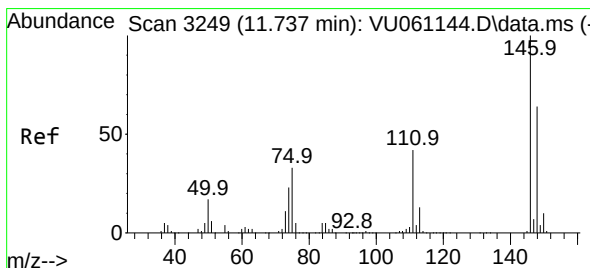
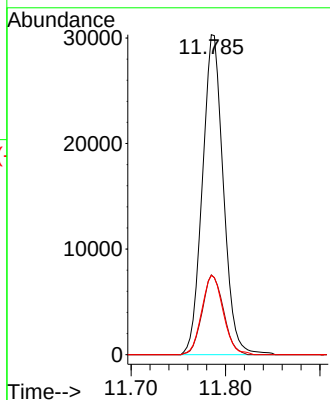
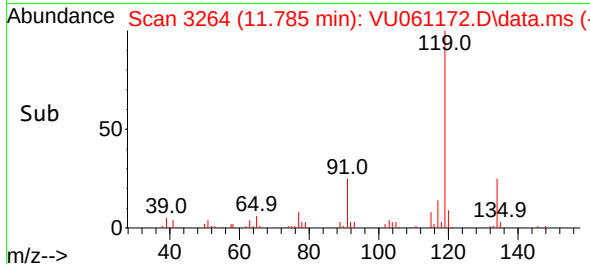
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



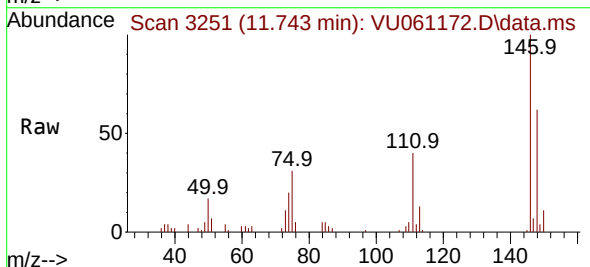
Tgt Ion:119 Resp: 4660
Ion Ratio Lower Upper
119 100
134 25.3 21.0 31.6
91 25.4 19.8 29.8

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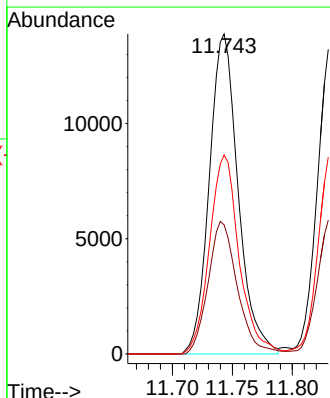
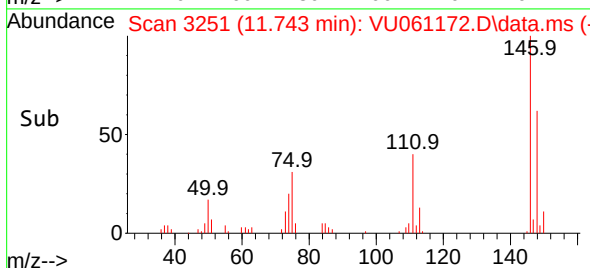
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024

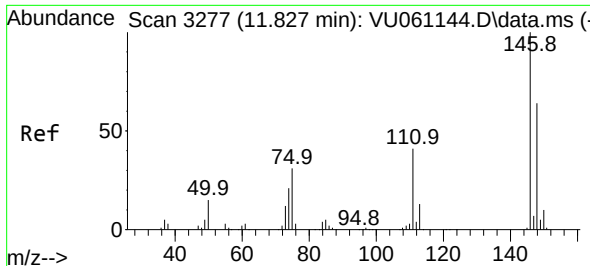


#82
1,3-Dichlorobenzene
Concen: 0.869 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.006 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18



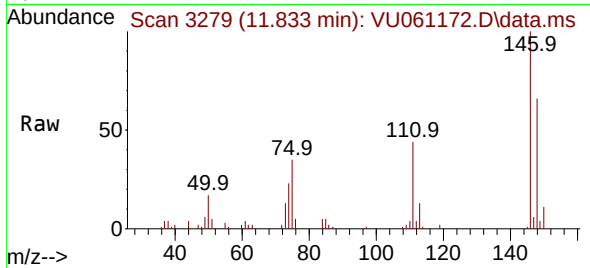
Tgt Ion:146 Resp: 23185
Ion Ratio Lower Upper
146 100
111 42.0 34.1 51.1
148 64.1 51.2 76.8





#83
1,4-Dichlorobenzene
Concen: 0.847 ug/l
RT: 11.833 min Scan# 311
Delta R.T. 0.006 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

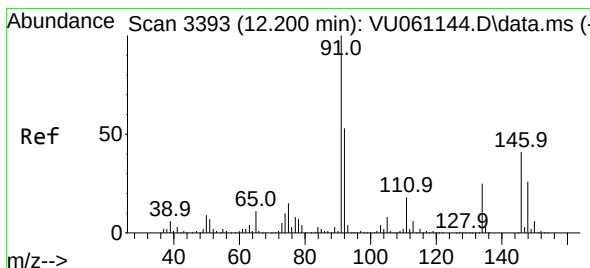
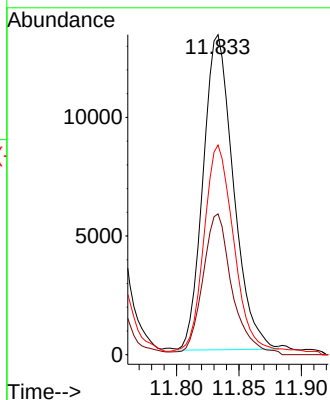
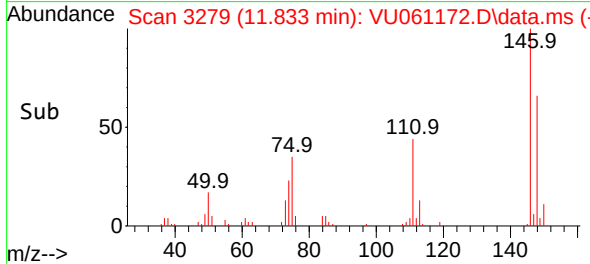
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:146 Resp: 2252
Ion Ratio Lower Upper
146 100
111 43.1 32.1 48.1
148 68.5 50.3 75.5

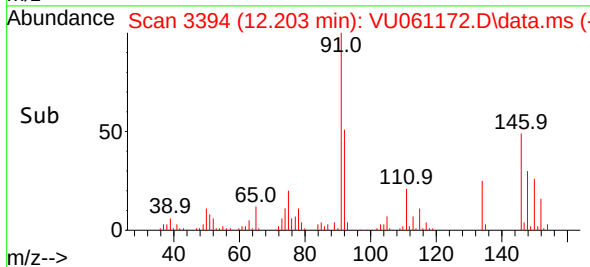
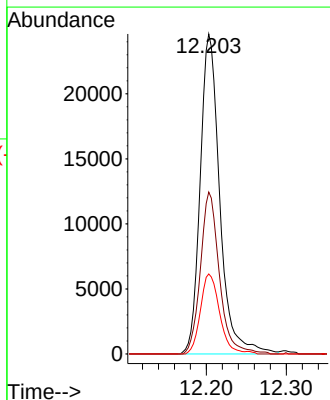
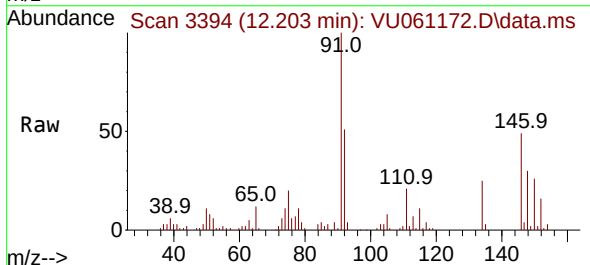
Manual Integrations
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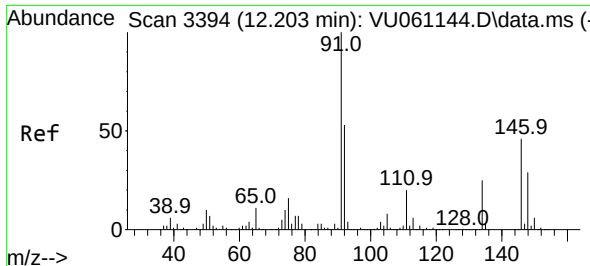
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#84
n-Butylbenzene
Concen: 0.815 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

Tgt Ion: 91 Resp: 41999
Ion Ratio Lower Upper
91 100
92 49.1 41.8 62.8
134 24.6 19.7 29.5





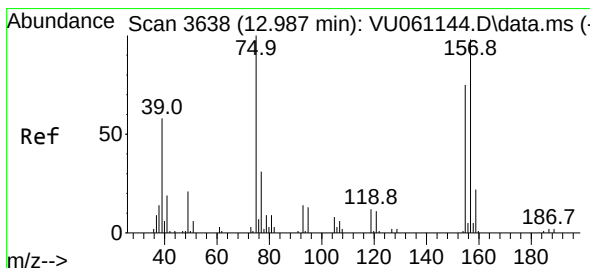
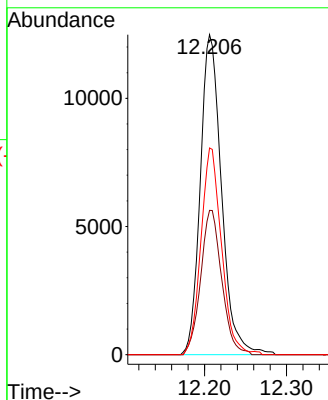
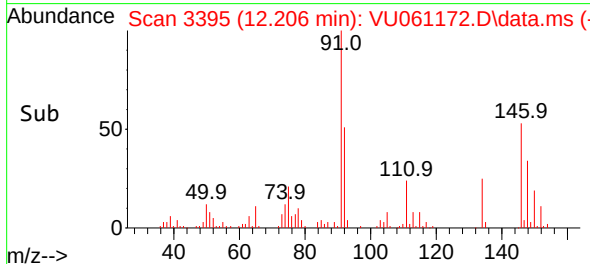
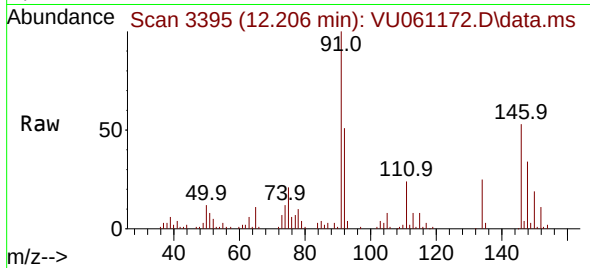
#85
1,2-Dichlorobenzene
Concen: 0.899 ug/l
RT: 12.206 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

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

Tgt Ion:146 Resp: 22430
Ion Ratio Lower Upper
146 100
111 44.6 21.9 65.7
148 62.4 31.9 95.5

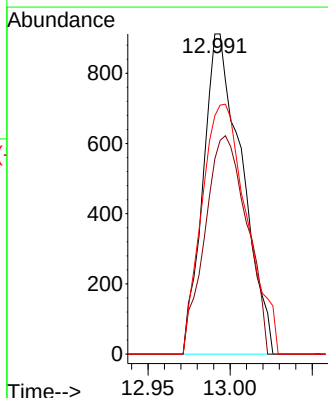
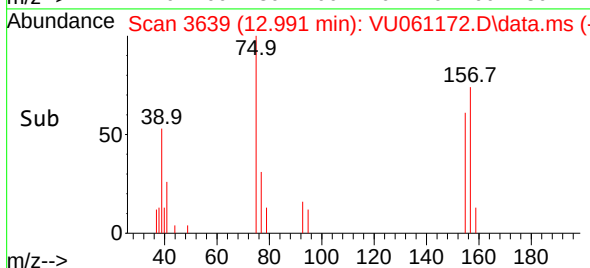
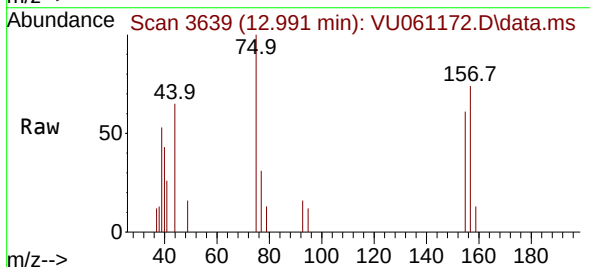
Manual Integrations
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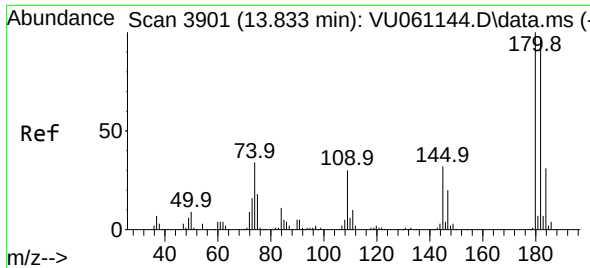
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.881 ug/l
RT: 12.991 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

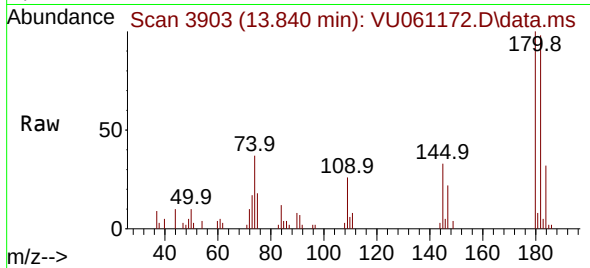
Tgt Ion: 75 Resp: 1496
Ion Ratio Lower Upper
75 100
155 74.1 61.4 92.0
157 90.6 78.5 117.7





#87
1,2,4-Trichlorobenzene
Concen: 0.807 ug/l
RT: 13.840 min Scan# 3901
Delta R.T. 0.006 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

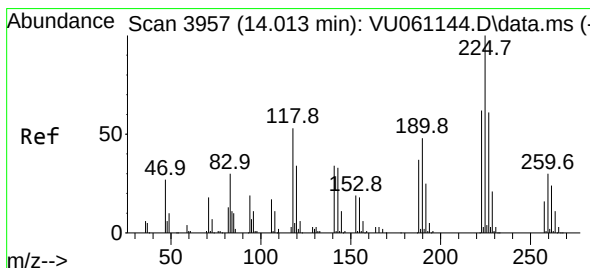
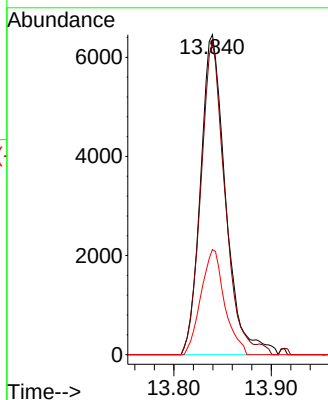
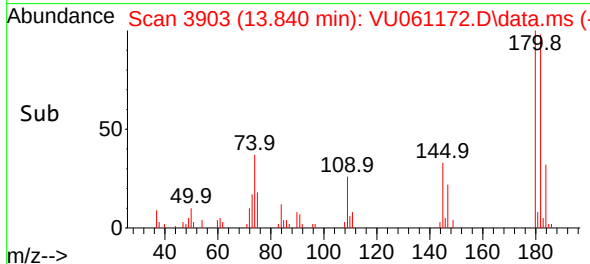
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:180 Resp: 11504
Ion Ratio Lower Upper
180 100
182 95.0 77.0 115.6
145 31.1 25.7 38.5

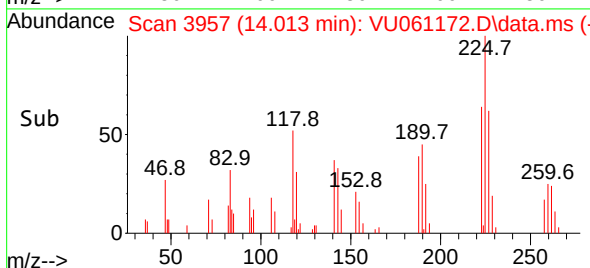
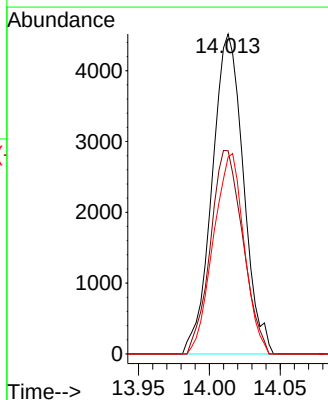
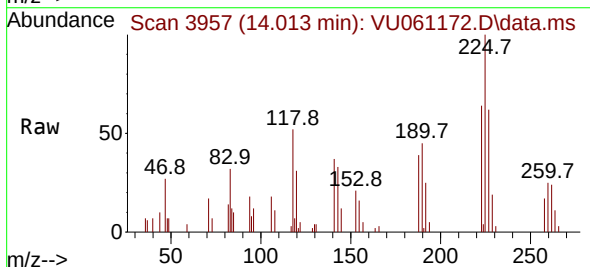
Manual Integrations
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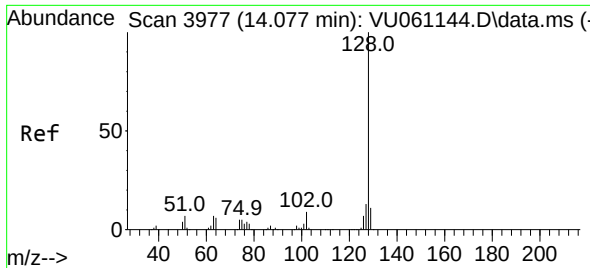
Reviewed By :Mahesh Dadoda 10/25/2024
Supervised By :Semsettin Yesilyurt 10/25/2024



#88
Hexachlorobutadiene
Concen: 0.861 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. -0.000 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

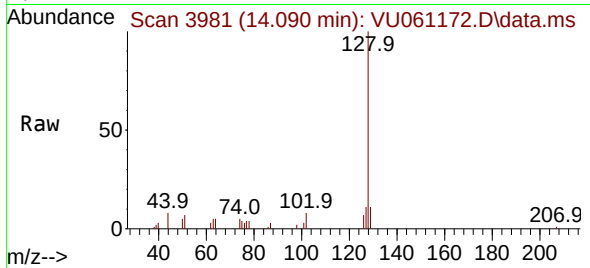
Tgt Ion:225 Resp: 6941
Ion Ratio Lower Upper
225 100
223 65.7 51.4 77.2
227 61.6 50.3 75.5





#89
Naphthalene
Concen: 0.771 ug/l
RT: 14.090 min Scan# 3977
Delta R.T. 0.013 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

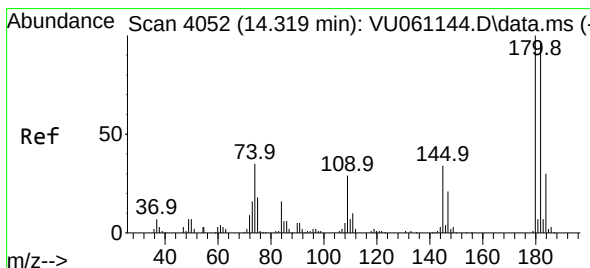
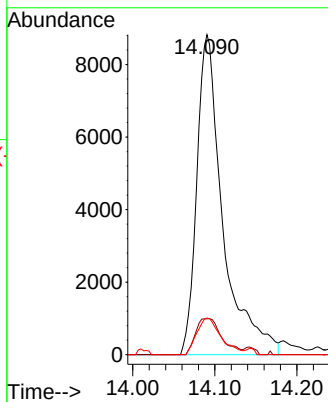
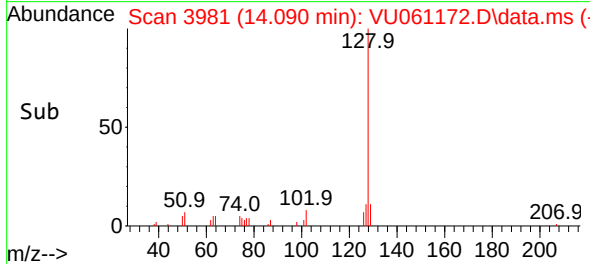
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:128 Resp: 1941
Ion Ratio Lower Upper
128 100
127 11.3 10.6 16.0
129 10.7 8.7 13.1

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



#90
1,2,3-Trichlorobenzene
Concen: 0.794 ug/l
RT: 14.325 min Scan# 4054
Delta R.T. 0.006 min
Lab File: VU061172.D
Acq: 21 Oct 2024 15:18

Tgt Ion:180 Resp: 10169
Ion Ratio Lower Upper
180 100
182 99.1 76.2 114.4
145 33.0 26.8 40.2

