

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042123\
 Data File : VU053826.D
 Acq On : 21 Apr 2023 15:22
 Operator : JC/MD
 Sample : 02213-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2023

Quant Time: Apr 22 03:19:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U041923DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Apr 21 09:18:21 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

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

Internal Standards						
1) Fluorobenzene	6.112	96	32817	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.629	95	11734	0.912	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	13268	0.867	ug/l	0.00
Spiked Amount 1.000			Recovery	=	87.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	9965	1.002	ug/l	92
3) Chloromethane	1.520	50	8649	0.965	ug/l	98
4) Vinyl Chloride	1.604	62	10141	0.979	ug/l	99
5) Bromomethane	1.858	94	7498	0.962	ug/l	98
6) Chloroethane	1.935	64	7056	1.064	ug/l	98
7) Trichlorofluoromethane	2.137	101	17401	1.000	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	10792	0.953	ug/l	# 88
9) 1,1-Dichloroethene	2.578	96	8041	0.867	ug/l	82
10) Iodomethane	2.723	142	8465	0.838	ug/l	95
11) Allyl Chloride	2.925	41	9289	0.844	ug/l	98
12) Acrylonitrile	3.327	53	3098	1.337	ug/l	97
13) Acetone	2.642	43	9534	2.944	ug/l	97
14) Carbon Disulfide	2.793	76	13004	0.854	ug/l	98
15) Methylene Chloride	3.044	84	17084	1.258	ug/l	87
16) trans-1,2-Dichloroethene	3.353	96	8267	0.824	ug/l	89
17) 1,1-Dichloroethane	3.867	63	18799	0.909	ug/l	97
18) 2-Butanone	4.723	43	12713m	3.028	ug/l	
19) Cyclohexane	5.385	56	11512m	0.805	ug/l	
20) Methylcyclohexane	6.761	83	13270	1.034	ug/l	97
21) 2,2-Dichloropropane	4.655	77	16076	0.855	ug/l	99
22) cis-1,2-Dichloroethene	4.665	96	10646	0.849	ug/l	96
23) Diethyl Ether	2.379	59	6820	0.998	ug/l	91
24) tert-Butyl Alcohol	3.221	59	7822m	8.403	ug/l	
25) Methyl tert-Butyl Ether	3.359	73	21813	0.843	ug/l	# 75
26) Bromochloromethane	4.973	128	4940	0.890	ug/l	86
27) Chloroform	5.083	83	20732	0.928	ug/l	98
28) 1,1,1-Trichloroethane	5.314	97	16752	0.905	ug/l	97
29) 1,1-Dichloropropene	5.523	75	11997	1.018	ug/l	98
30) Carbon Tetrachloride	5.520	117	14134	1.067	ug/l	98
31) Isopropyl Ether	3.993	45	24295	0.812	ug/l	99
32) Ethyl-t-butyl ether	4.497	59	23937	0.791	ug/l	92
33) Tert-Amyl methyl ether	5.935	73	21875	0.990	ug/l	98
34) Propionitrile	4.793	54	3658m	3.897	ug/l	
35) Benzene	5.771	78	38942	1.073	ug/l	96
36) 1,2-Dichloroethane	5.793	62	11983	1.051	ug/l	# 95
37) Trichloroethene	6.539	130	10939	1.062	ug/l	100
38) 1,2-Dichloropropane	6.787	63	10586	1.025	ug/l	96
39) Methacrylonitrile	4.977	41	2273m	0.607	ug/l	
40) Methyl acrylate	4.800	55	478	0.077	ug/l	# 55
41) Tetrahydrofuran	5.070	42	2536	1.366	ug/l	# 74
42) 1-Chlorobutane	5.459	56	16641	1.035	ug/l	93
43) Dibromomethane	6.919	93	5351	1.021	ug/l	98
44) Bromodichloromethane	7.105	83	13746	1.041	ug/l	94

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Instrument :
 MSVOA_U
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 LOQ-WATER-02-QT2-2023

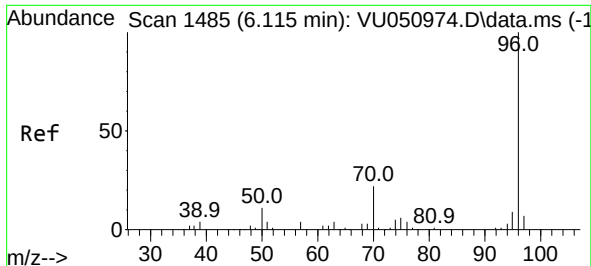
Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

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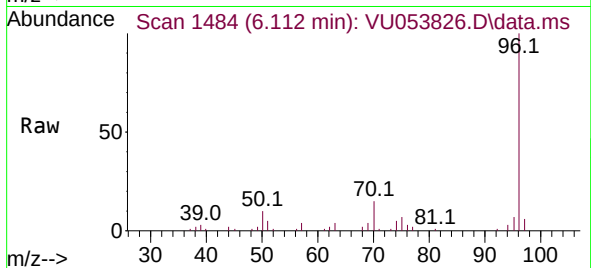
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.790	43	25201	4.730	ug/l	98
46) t-1,4-Dichloro-2-butene	10.825	75	5611m	2.536	ug/l	
47) Methyl methacrylate	6.964	69	8489	1.845	ug/l	93
48) Ethyl methacrylate	8.330	69	8627	0.957	ug/l	86
49) Toluene	7.967	92	23676	1.036	ug/l	96
50) t-1,3-Dichloropropene	8.211	75	11298	0.952	ug/l	94
51) cis-1,3-Dichloropropene	7.603	75	14887	1.051	ug/l #	90
52) 1,1,2-Trichloroethane	8.398	97	8364	1.006	ug/l	93
53) 1,3-Dichloropropane	8.571	76	13357	1.026	ug/l	98
54) 2-Hexanone	8.684	43	19478	3.898	ug/l	99
55) Dibromochloromethane	8.806	129	8851	1.013	ug/l	98
56) 1,2-Dibromoethane	8.918	107	7762	1.083	ug/l	93
58) Tetrachloroethene	8.549	164	10861	1.090	ug/l	97
59) Chlorobenzene	9.443	112	29588	1.040	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.533	131	10572	1.031	ug/l	95
61) Pentachloroethane	11.426	117	7429	0.939	ug/l	97
62) Hexachloroethane	12.471	117	7002	0.907	ug/l	94
63) Ethyl Benzene	9.568	91	46617	1.038	ug/l	93
64) m/p-Xylenes	9.690	106	34835	1.968	ug/l	95
65) o-Xylene	10.099	106	18347	1.028	ug/l	91
66) Styrene	10.111	104	28006	0.987	ug/l	98
67) Bromoform	10.288	173	4091	0.901	ug/l #	94
69) Isopropylbenzene	10.481	105	46895	1.006	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.780	83	9872	0.922	ug/l	99
71) 1,2,3-Trichloropropane	10.819	75	5113m	0.662	ug/l	
72) Bromobenzene	10.780	156	12126	1.014	ug/l	90
73) n-propylbenzene	10.902	120	12900	0.997	ug/l	91
74) 2-Chlorotoluene	10.983	126	11626	0.951	ug/l	97
75) 1,3,5-Trimethylbenzene	11.086	105	37856	0.930	ug/l	98
76) 4-Chlorotoluene	11.095	126	12779	1.025	ug/l	86
77) tert-Butylbenzene	11.414	119	39539	0.966	ug/l	97
78) 1,2,4-Trimethylbenzene	11.465	105	39434	0.950	ug/l	96
79) sec-Butylbenzene	11.639	105	54047	0.982	ug/l	97
80) Nitrobenzene	13.214	77	1118	3.298	ug/l #	92
81) p-Isopropyltoluene	11.790	119	40410	0.896	ug/l	96
82) 1,3-Dichlorobenzene	11.742	146	24947	0.975	ug/l	99
83) 1,4-Dichlorobenzene	11.835	146	25330	0.993	ug/l	100
84) n-Butylbenzene	12.205	91	40110	1.168	ug/l	96
85) 1,2-Dichlorobenzene	12.208	146	23763	0.950	ug/l	95
86) 1,2-Dibromo-3-Chloropr...	12.992	75	1415	0.939	ug/l	98
87) 1,2,4-Trichlorobenzene	13.838	180	14996	0.907	ug/l	99
88) Hexachlorobutadiene	14.015	225	8285	0.940	ug/l	98
89) Naphthalene	14.085	128	25626	0.885	ug/l	98
90) 1,2,3-Trichlorobenzene	14.327	180	14002	0.891	ug/l	98

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 14
Delta R.T. 0.004 min
Lab File: VU053826.D
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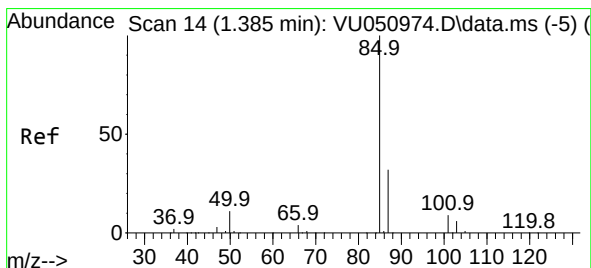
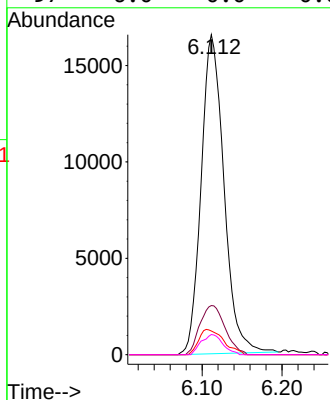
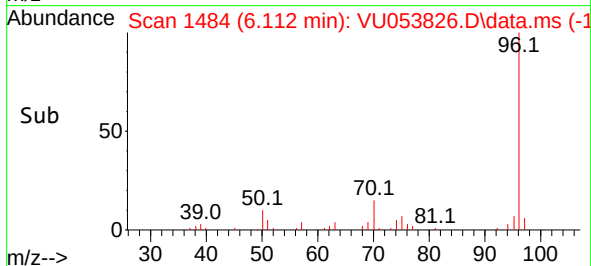
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion: 96 Resp: 3281
Ion Ratio Lower Upper
96 100
70 17.1 16.5 24.7
95 8.7 7.4 11.0
97 6.0 0.0 0.0#

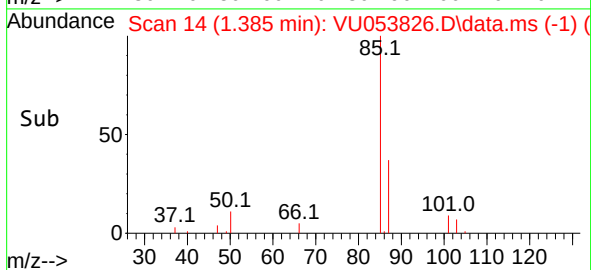
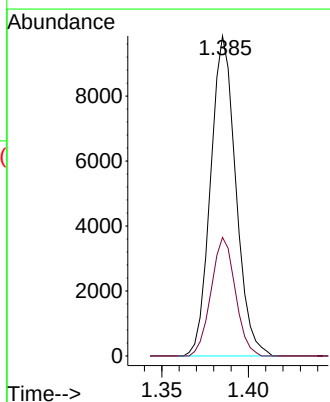
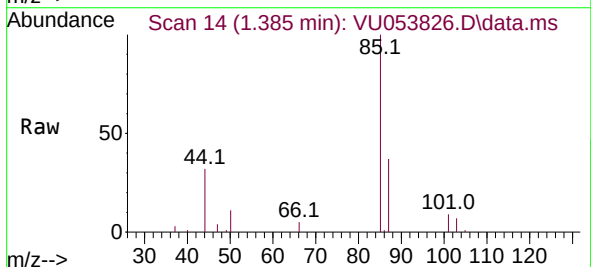
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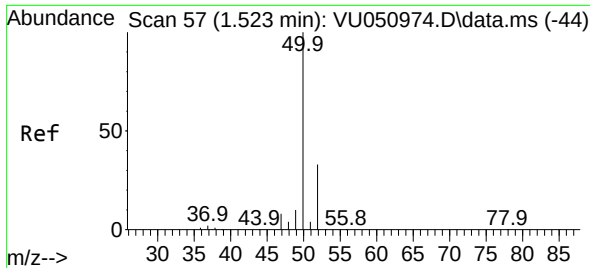
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#2
Dichlorodifluoromethane
Concen: 1.002 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22

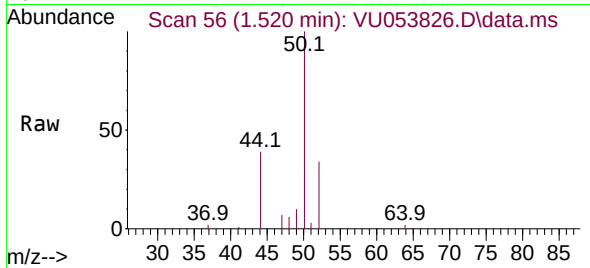
Tgt Ion: 85 Resp: 9965
Ion Ratio Lower Upper
85 100
87 37.0 16.2 48.6





#3
Chloromethane
Concen: 0.965 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22

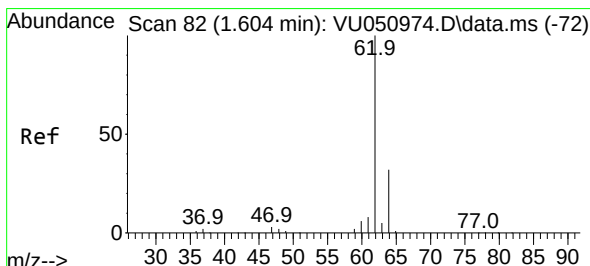
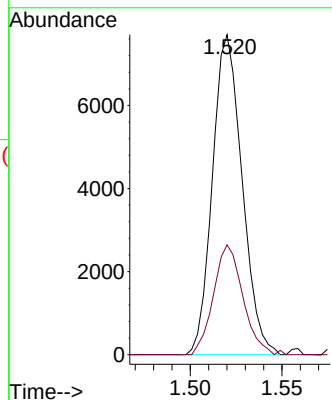
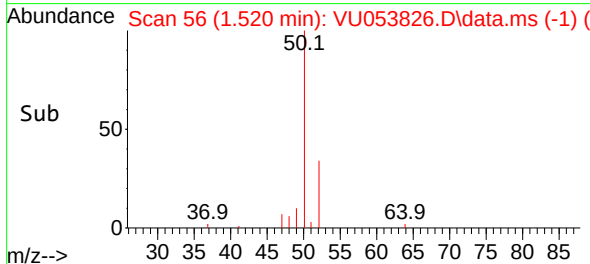
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion: 50 Resp: 8649
Ion Ratio Lower Upper
50 100
52 34.3 26.6 40.0

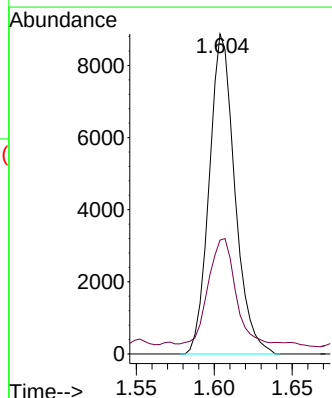
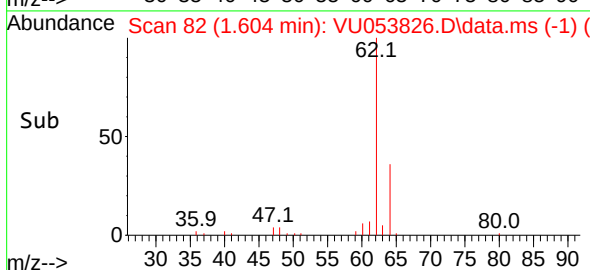
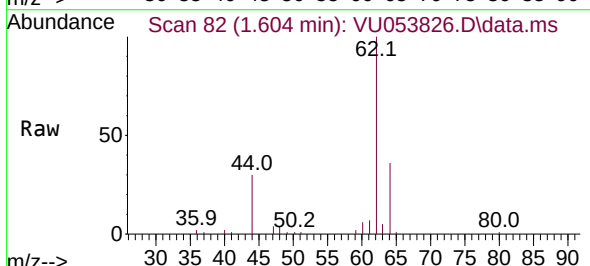
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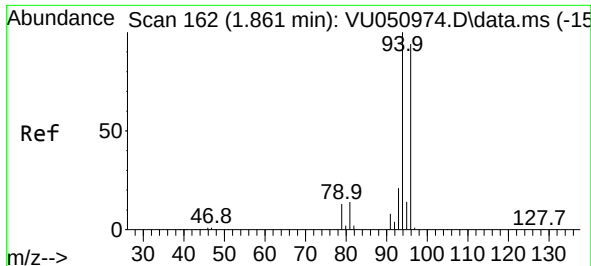
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#4
Vinyl Chloride
Concen: 0.979 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22

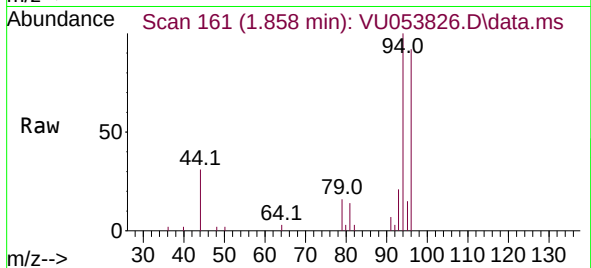
Tgt Ion: 62 Resp: 10141
Ion Ratio Lower Upper
62 100
64 32.4 25.4 38.2





#5
Bromomethane
Concen: 0.962 ug/l
RT: 1.858 min Scan# 161
Delta R.T. 0.013 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22

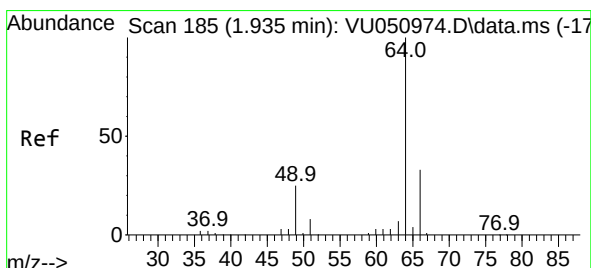
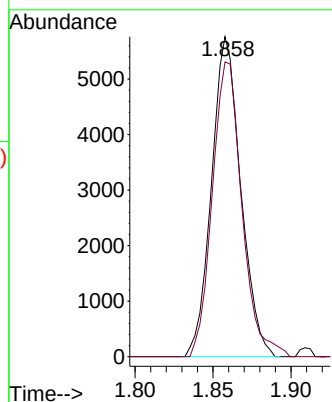
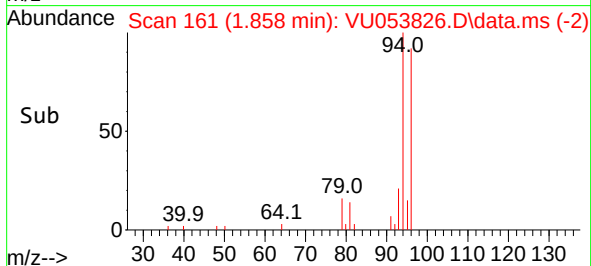
Instrument :
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ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion: 94 Resp: 7498
Ion Ratio Lower Upper
94 100
96 92.1 75.4 113.2

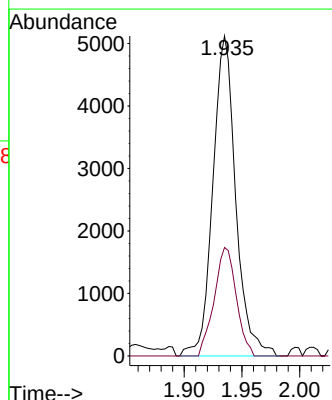
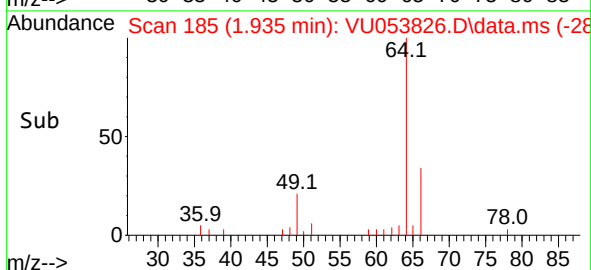
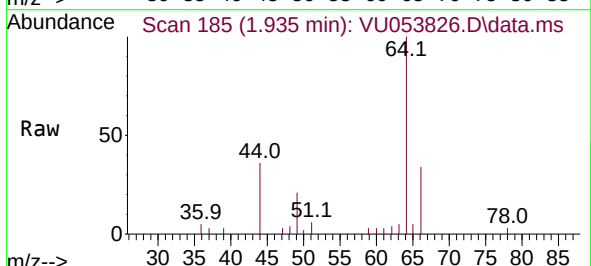
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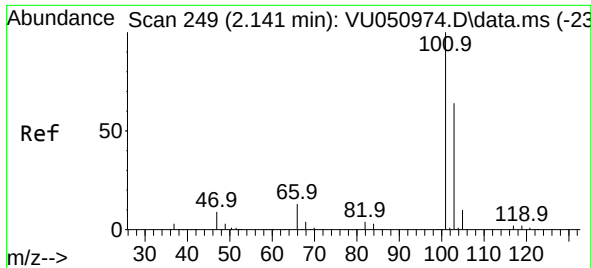
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#6
Chloroethane
Concen: 1.064 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.006 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22

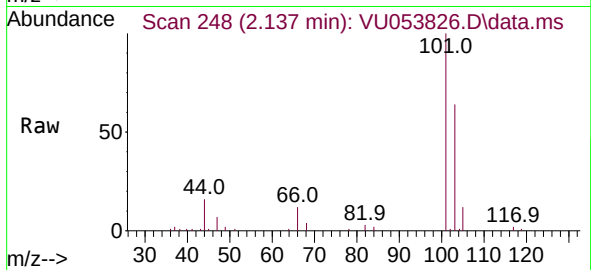
Tgt Ion: 64 Resp: 7056
Ion Ratio Lower Upper
64 100
66 33.9 26.0 39.0





#7
Trichlorofluoromethane
Concen: 1.000 ug/l
RT: 2.137 min Scan# 249
Delta R.T. 0.003 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22

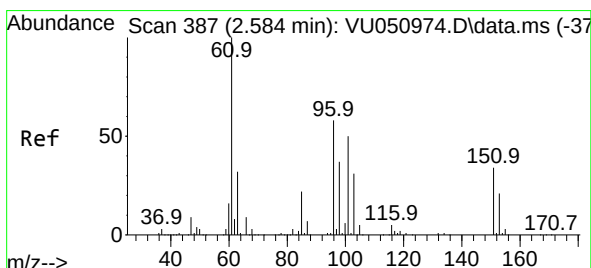
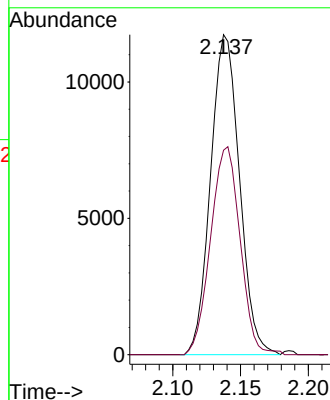
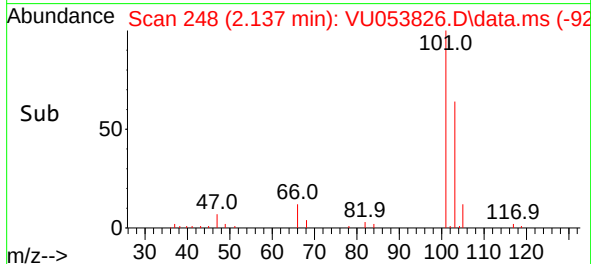
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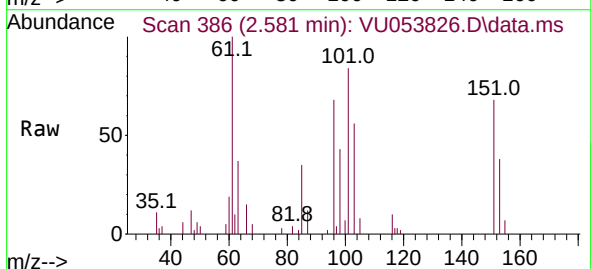
Tgt Ion:101 Resp: 1740
Ion Ratio Lower Upper
101 100
103 63.9 51.4 77.0

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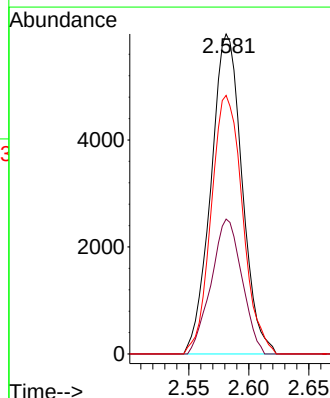
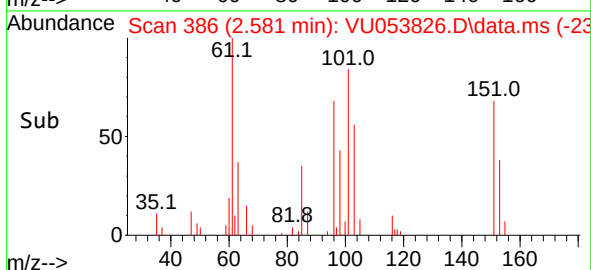
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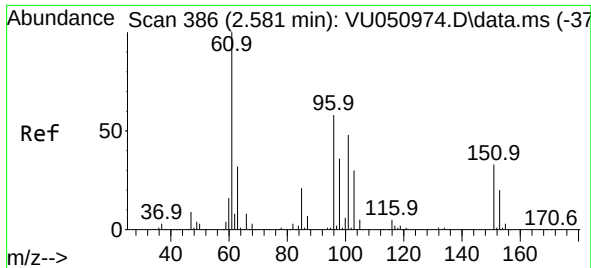


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.953 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.003 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22



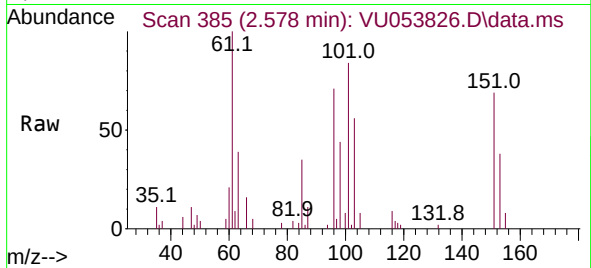
Tgt Ion:101 Resp: 10792
Ion Ratio Lower Upper
101 100
85 41.5 35.4 53.0
151 81.4 54.0 81.0#





#9
1,1-Dichloroethene
Concen: 0.867 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22

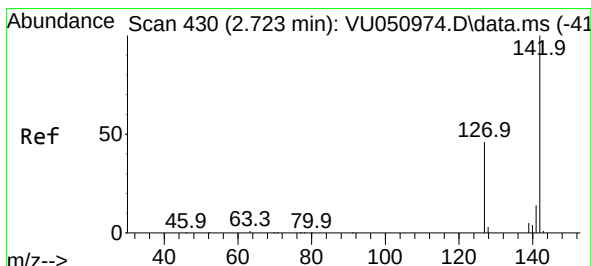
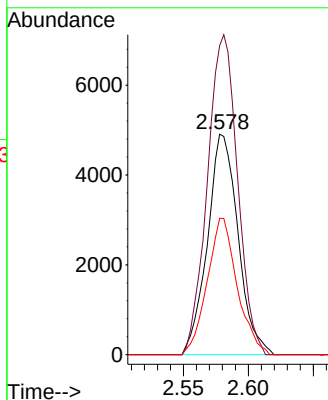
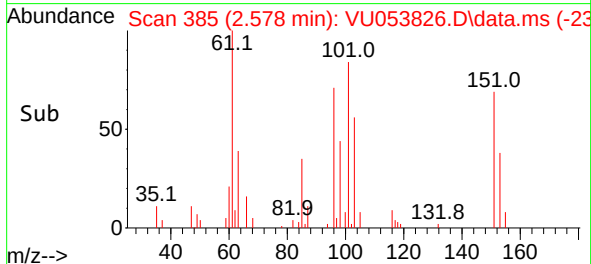
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion: 96 Resp: 804
Ion Ratio Lower Upper
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61 140.2 0.0 521.4
98 61.9 0.0 125.8

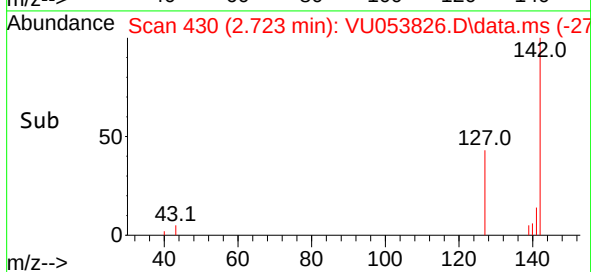
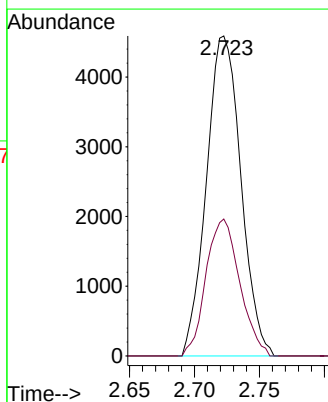
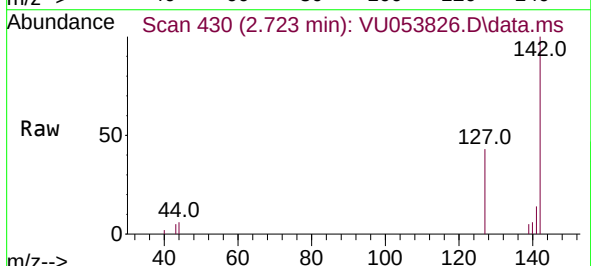
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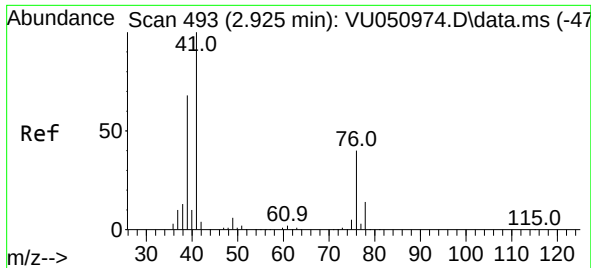
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#10
Iodomethane
Concen: 0.838 ug/l
RT: 2.723 min Scan# 430
Delta R.T. 0.003 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22

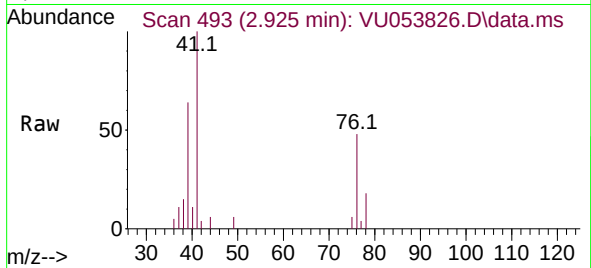
Tgt Ion:142 Resp: 8465
Ion Ratio Lower Upper
142 100
127 41.9 35.9 53.9





#11
 Allyl Chloride
 Concen: 0.844 ug/l
 RT: 2.925 min Scan# 493
 Delta R.T. 0.006 min
 Lab File: VU053826.D
 Acq: 21 Apr 2023 15:22

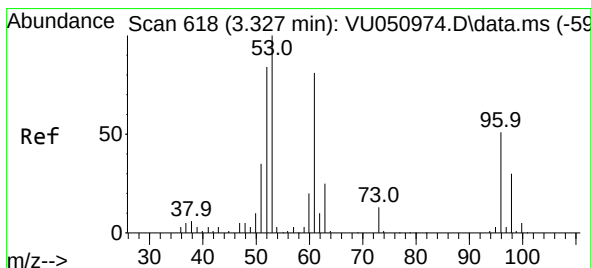
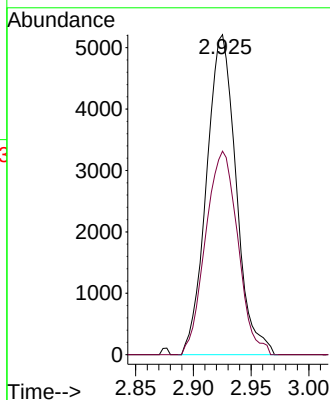
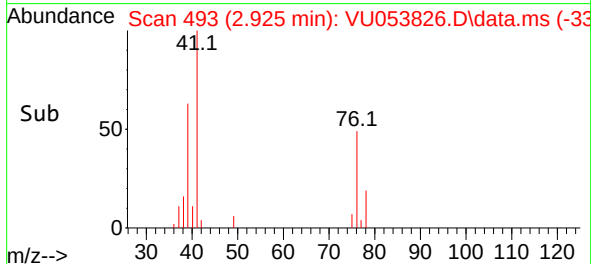
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2023



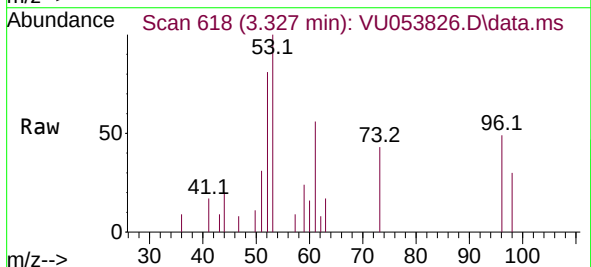
Tgt Ion: 41 Resp: 9289
 Ion Ratio Lower Upper
 41 100
 39 69.4 54.2 81.2

Manual Integrations
 APPROVED

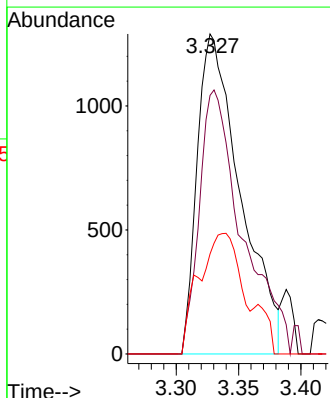
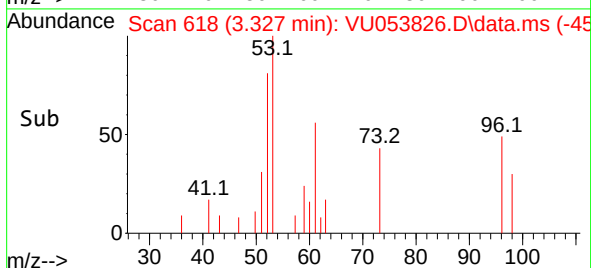
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

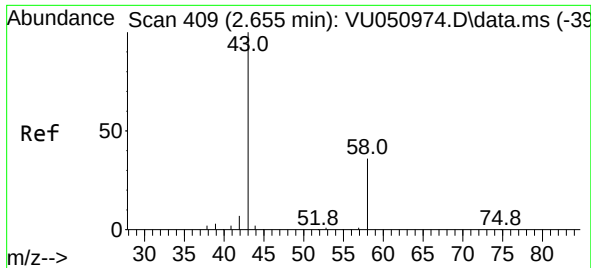


#12
 Acrylonitrile
 Concen: 1.337 ug/l
 RT: 3.327 min Scan# 618
 Delta R.T. 0.019 min
 Lab File: VU053826.D
 Acq: 21 Apr 2023 15:22



Tgt Ion: 53 Resp: 3098
 Ion Ratio Lower Upper
 53 100
 52 81.8 62.9 94.3
 51 36.1 27.8 41.6





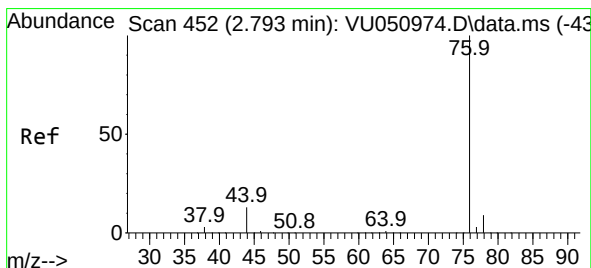
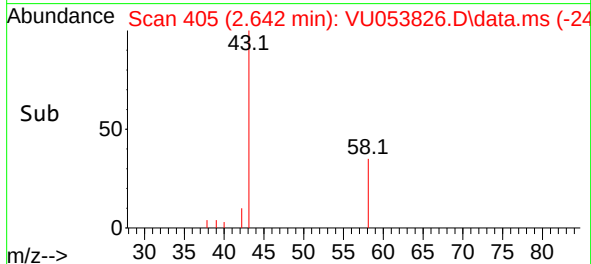
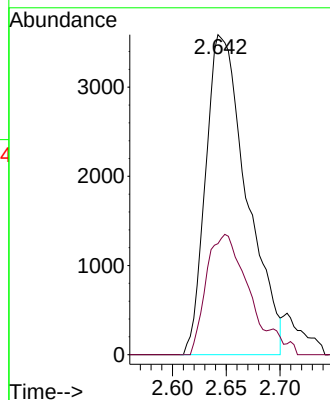
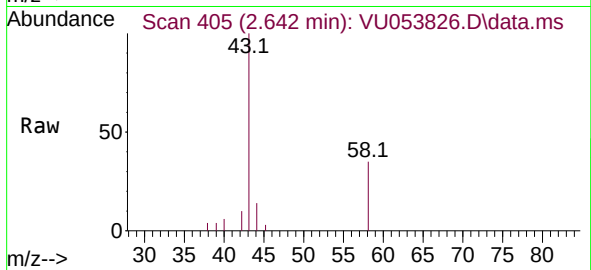
#13
Acetone
Concen: 2.944 ug/l
RT: 2.642 min Scan# 409
Delta R.T. 0.022 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22

Instrument : MSVOA_U
Client Sample Id : LOQ-WATER-02-QT2-2023

Tgt Ion: 43 Resp: 9534
Ion Ratio Lower Upper
43 100
58 34.7 29.0 43.4

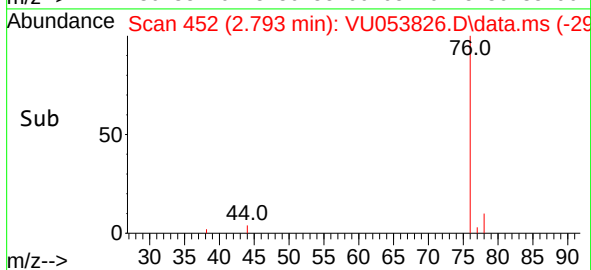
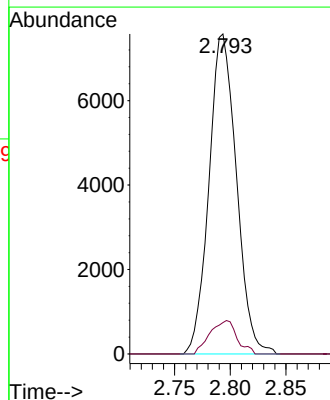
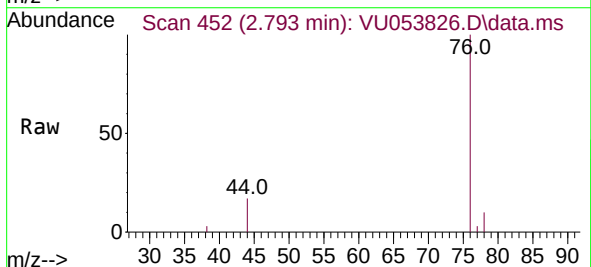
Manual Integrations
APPROVED

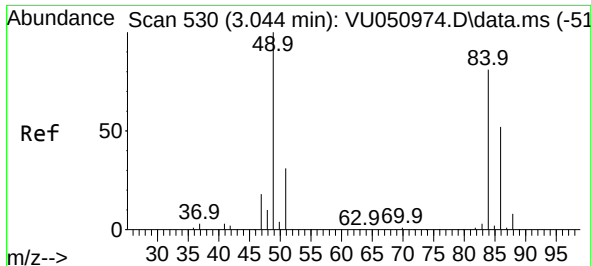
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#14
Carbon Disulfide
Concen: 0.854 ug/l
RT: 2.793 min Scan# 452
Delta R.T. 0.006 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22

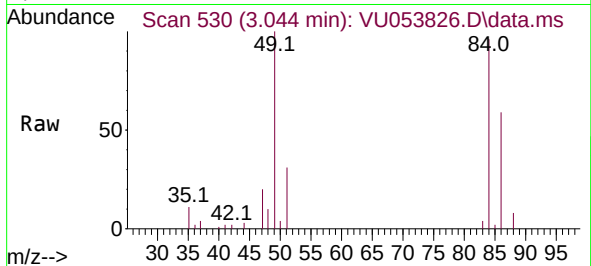
Tgt Ion: 76 Resp: 13004
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0





#15
Methylene Chloride
Concen: 1.258 ug/l
RT: 3.044 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22

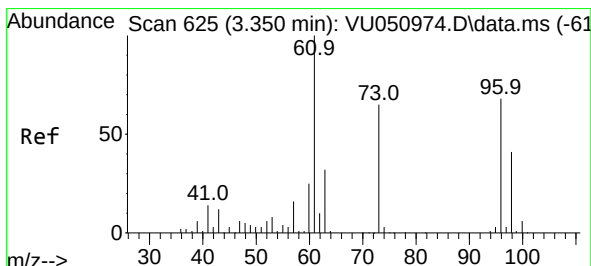
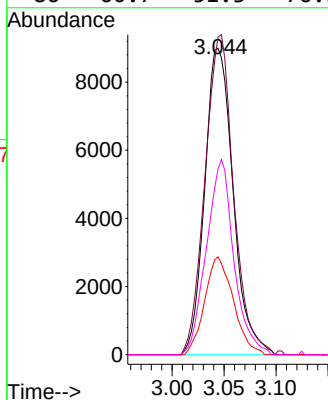
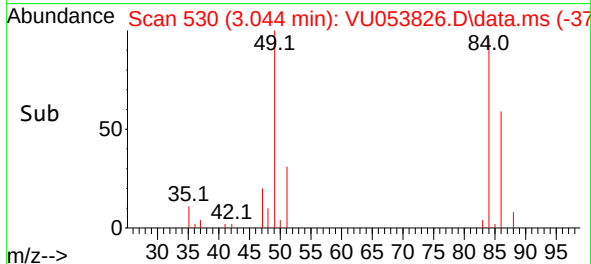
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion: 84	Resp: 17084
Ion Ratio	Lower Upper
84 100	
49 103.6	98.9 148.3
51 31.9	0.0 75.4
86 60.7	51.3 76.9

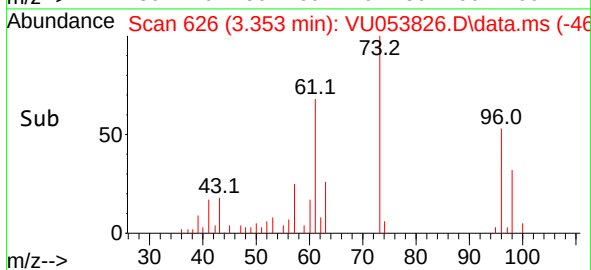
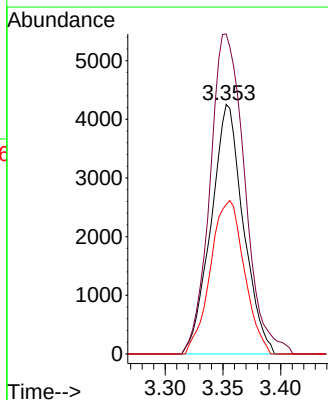
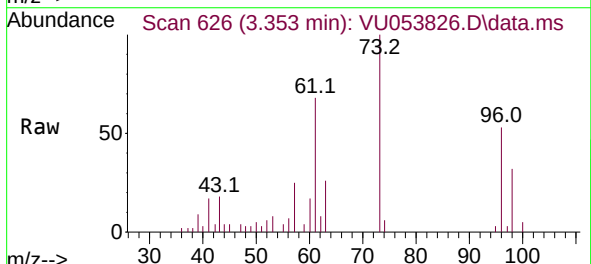
Manual Integrations
APPROVED

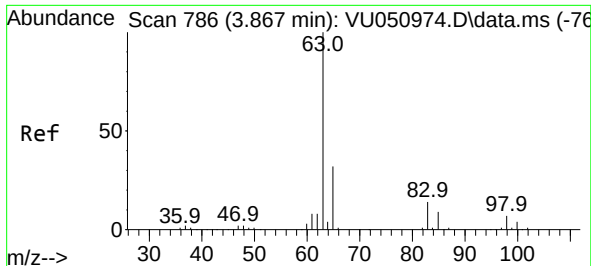
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#16
trans-1,2-Dichloroethene
Concen: 0.824 ug/l
RT: 3.353 min Scan# 626
Delta R.T. 0.006 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22

Tgt Ion: 96	Resp: 8267
Ion Ratio	Lower Upper
96 100	
61 128.2	117.5 176.3
98 59.9	48.3 72.5





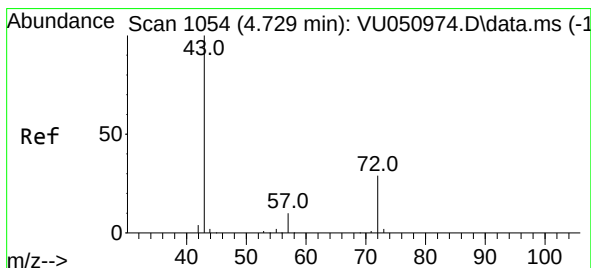
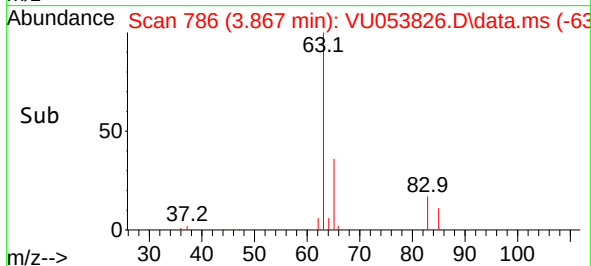
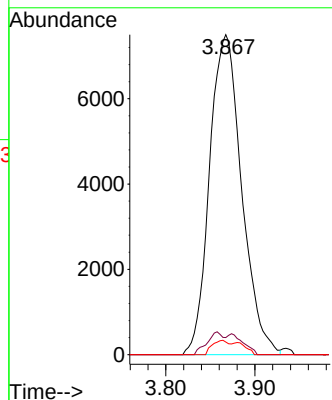
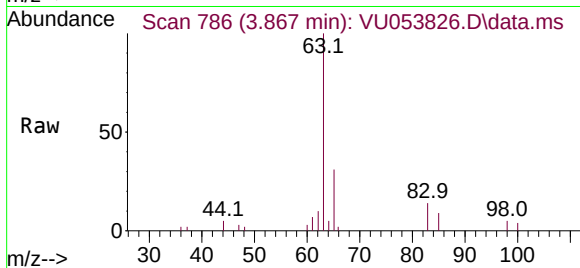
#17
1,1-Dichloroethane
Concen: 0.909 ug/l
RT: 3.867 min Scan# 786
Delta R.T. 0.003 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22

Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2023

Tgt Ion: 63 Resp: 18799
Ion Ratio Lower Upper
63 100
98 5.4 3.4 10.1
100 4.0 2.2 6.6

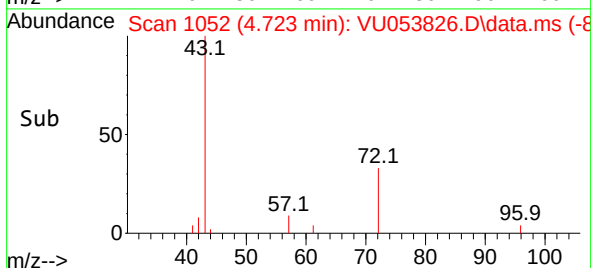
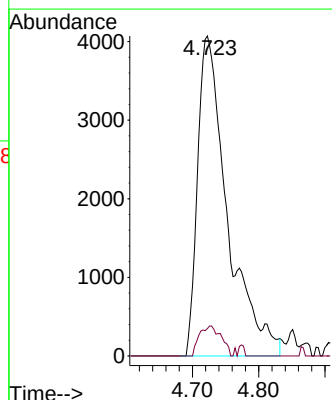
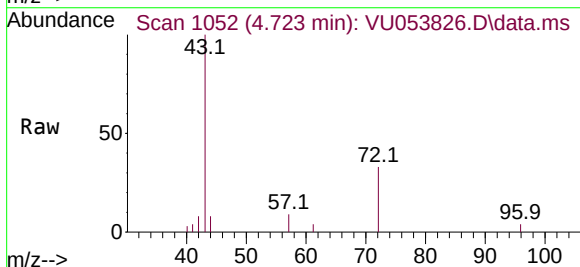
Manual Integrations
APPROVED

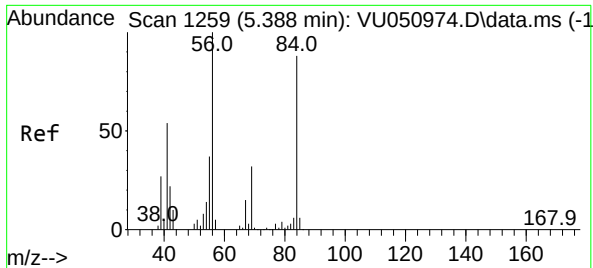
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#18
2-Butanone
Concen: 3.028 ug/l m
RT: 4.723 min Scan# 1052
Delta R.T. 0.010 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22

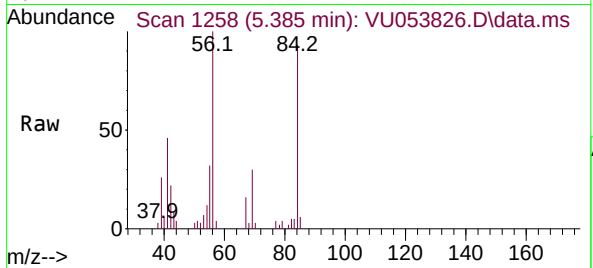
Tgt Ion: 43 Resp: 12713
Ion Ratio Lower Upper
43 100
57 8.6 0.0 19.6





#19
Cyclohexane
Concen: 0.805 ug/l m
RT: 5.385 min Scan# 1259
Delta R.T. 0.010 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22

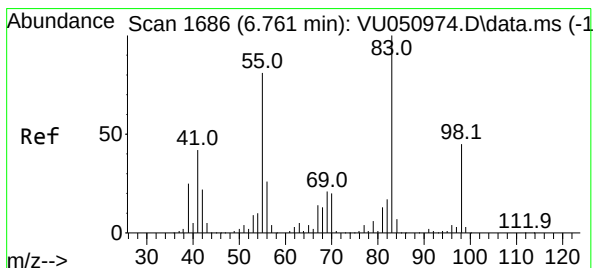
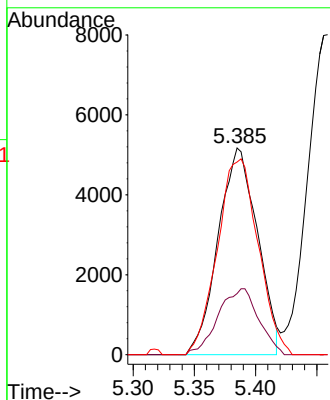
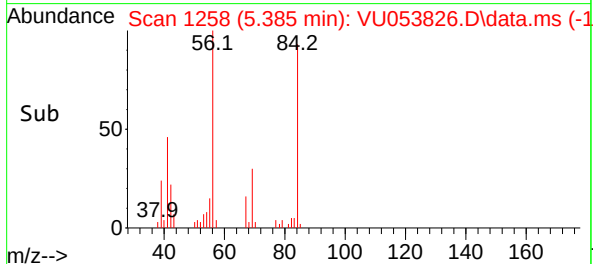
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion: 56 Resp: 1151
Ion Ratio Lower Upper
56 100
69 32.9 24.6 37.0
84 98.7 68.4 102.6

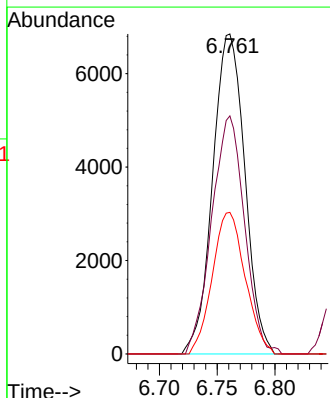
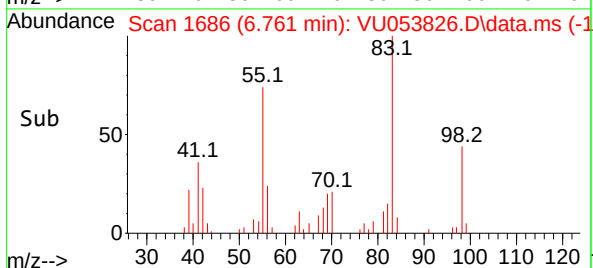
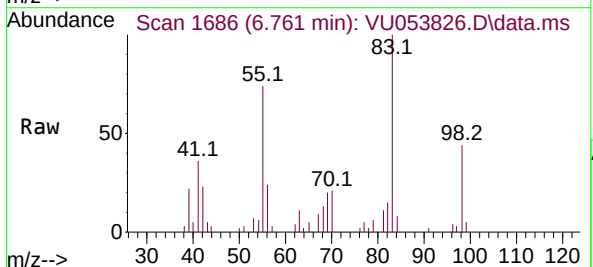
Manual Integrations
APPROVED

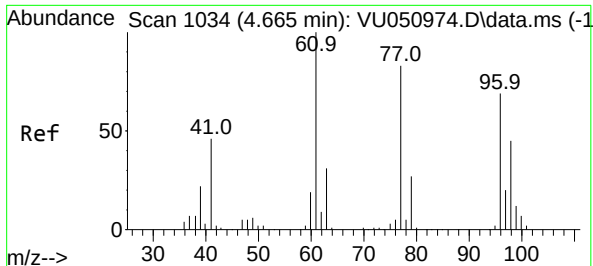
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#20
Methylcyclohexane
Concen: 1.034 ug/l
RT: 6.761 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22

Tgt Ion: 83 Resp: 13270
Ion Ratio Lower Upper
83 100
55 75.9 63.5 95.3
98 45.2 36.0 54.0





#21

2,2-Dichloropropane

Concen: 0.855 ug/l

RT: 4.655 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU053826.D

Acq: 21 Apr 2023 15:22

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion: 77 Resp: 1607

Ion Ratio Lower Upper

77 100

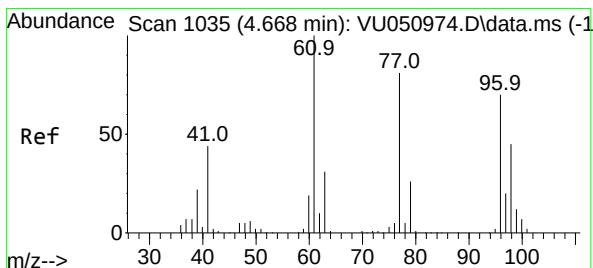
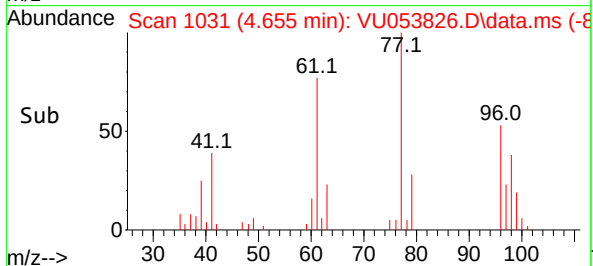
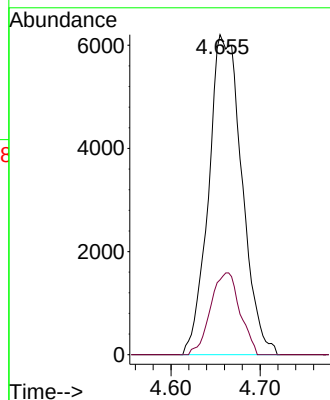
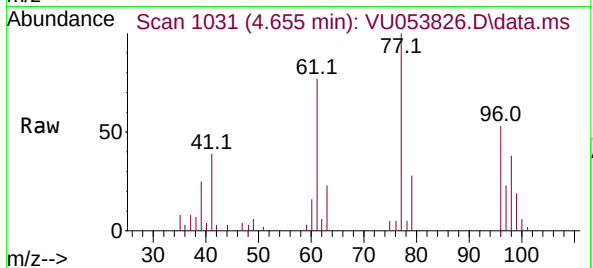
97 22.6 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#22

cis-1,2-Dichloroethene

Concen: 0.849 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.006 min

Lab File: VU053826.D

Acq: 21 Apr 2023 15:22

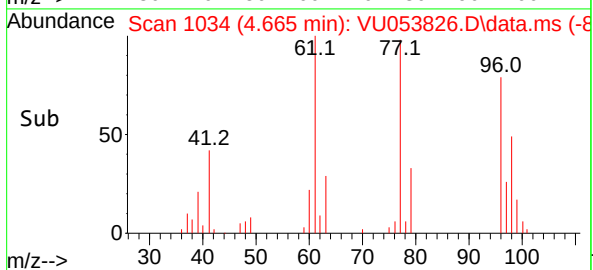
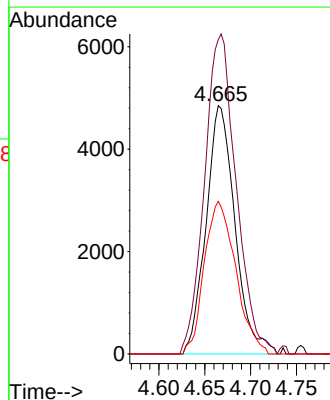
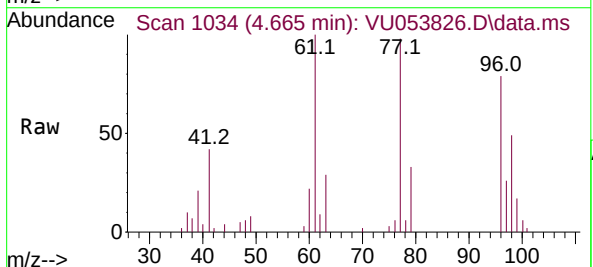
Tgt Ion: 96 Resp: 10646

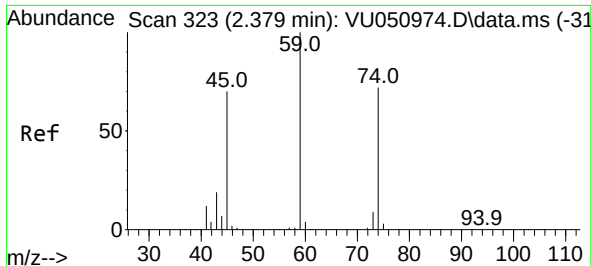
Ion Ratio Lower Upper

96 100

61 140.9 0.0 365.8

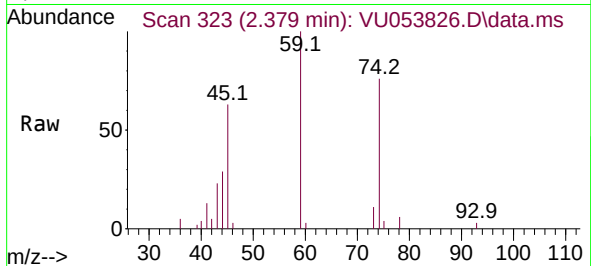
98 66.8 32.0 96.0





#23
Diethyl Ether
Concen: 0.998 ug/l
RT: 2.379 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22

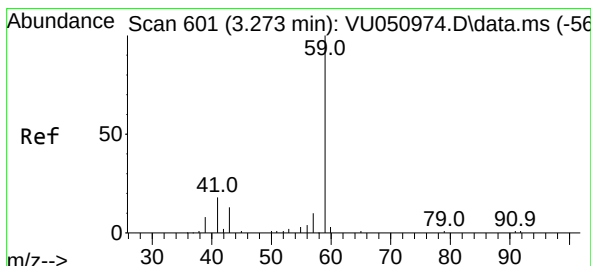
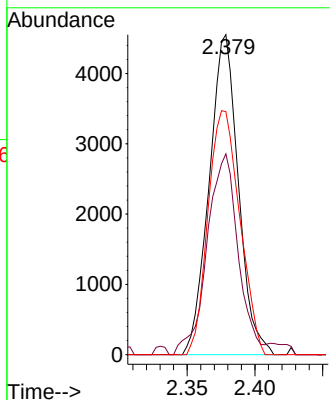
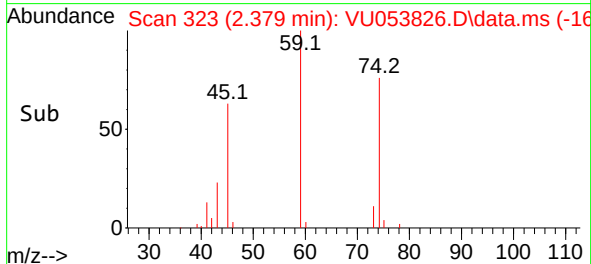
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion: 59 Resp: 6820
Ion Ratio Lower Upper
59 100
45 66.6 56.1 84.1
74 82.7 57.4 86.2

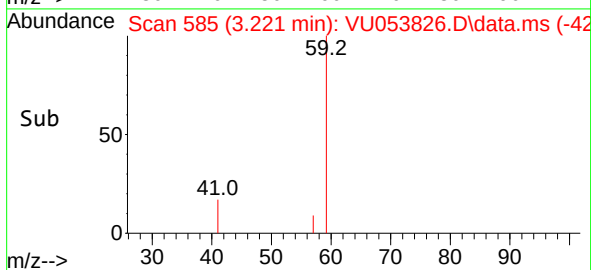
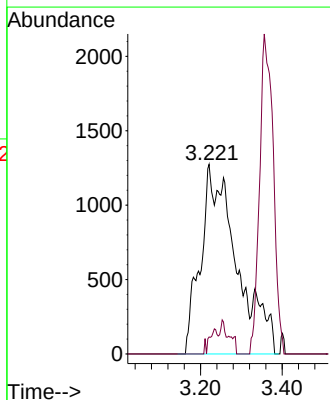
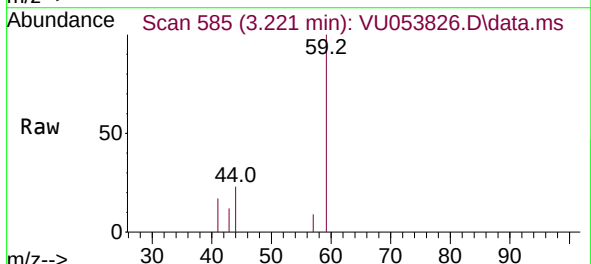
Manual Integrations
APPROVED

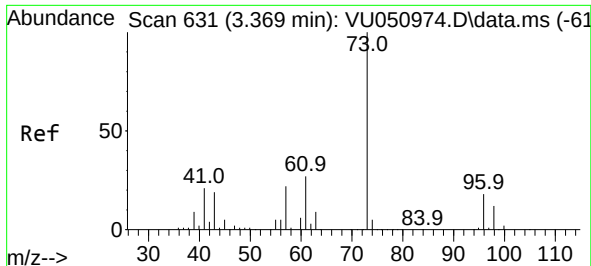
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#24
tert-Butyl Alcohol
Concen: 8.403 ug/l m
RT: 3.221 min Scan# 585
Delta R.T. 0.032 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22

Tgt Ion: 59 Resp: 7822
Ion Ratio Lower Upper
59 100
57 3.1 105.6 158.4#





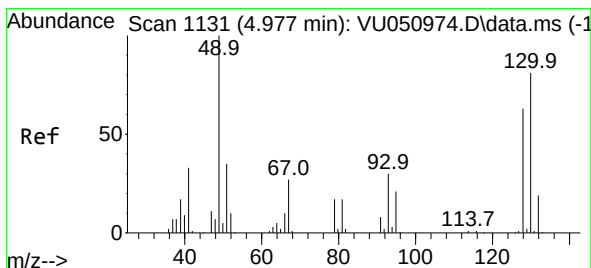
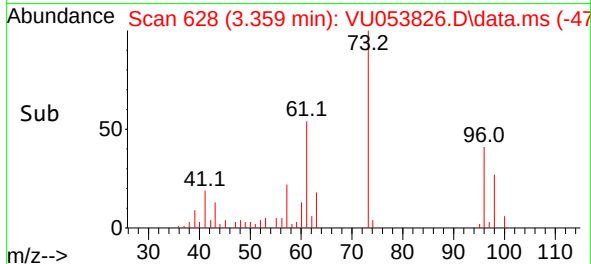
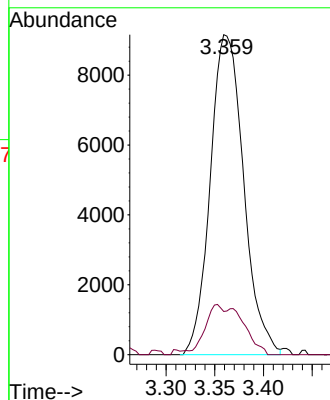
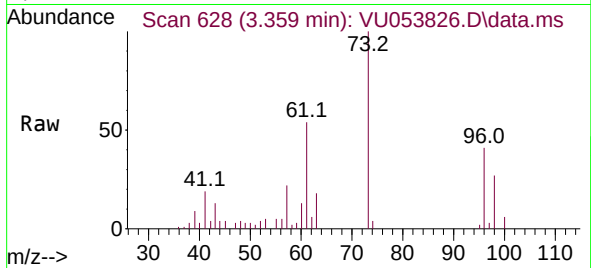
#25
Methyl tert-Butyl Ether
Concen: 0.843 ug/l
RT: 3.359 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023

Tgt Ion: 73 Resp: 2181
Ion Ratio Lower Upper
73 100
43 7.5 15.0 22.6

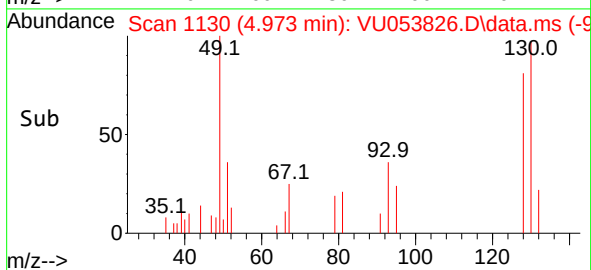
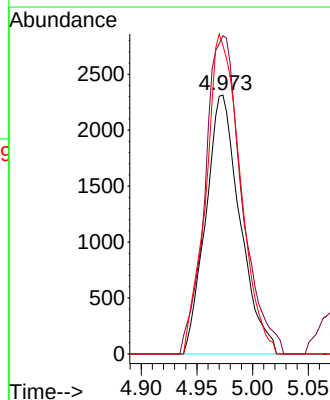
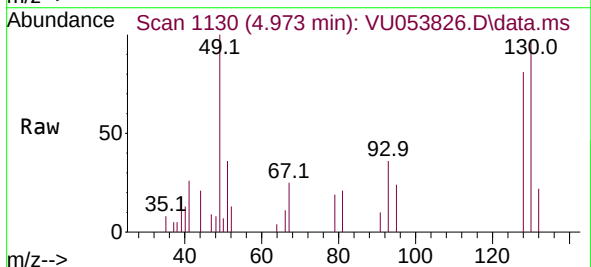
Manual Integrations
APPROVED

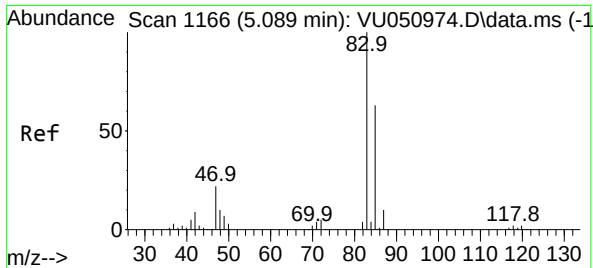
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#26
Bromochloromethane
Concen: 0.890 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22

Tgt Ion:128 Resp: 4940
Ion Ratio Lower Upper
128 100
49 131.9 0.0 324.6
130 124.3 103.0 154.4





#27

Chloroform

Concen: 0.928 ug/l

RT: 5.083 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU053826.D

Acq: 21 Apr 2023 15:22

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion: 83 Resp: 2073

Ion Ratio Lower Upper

83 100

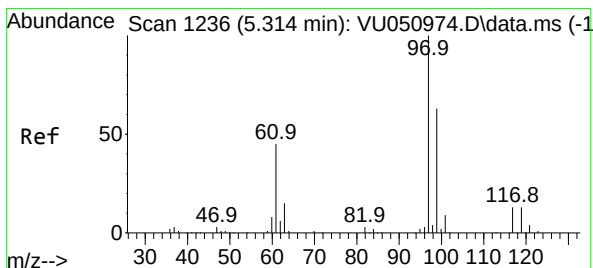
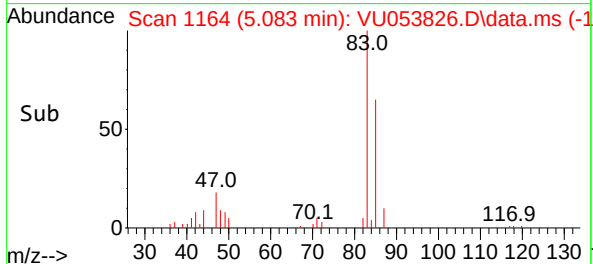
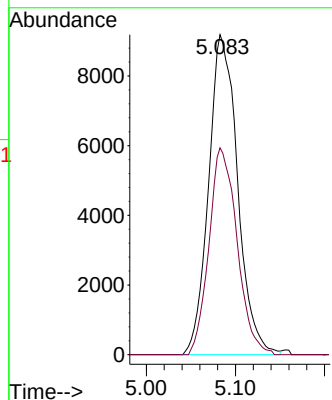
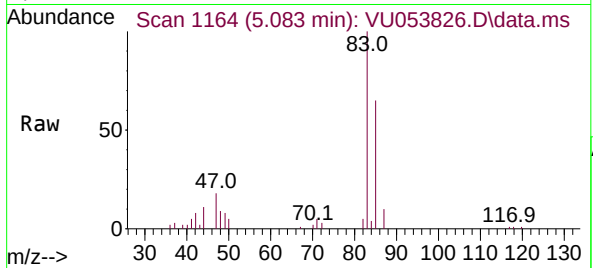
85 64.7 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#28

1,1,1-Trichloroethane

Concen: 0.905 ug/l

RT: 5.314 min Scan# 1236

Delta R.T. 0.006 min

Lab File: VU053826.D

Acq: 21 Apr 2023 15:22

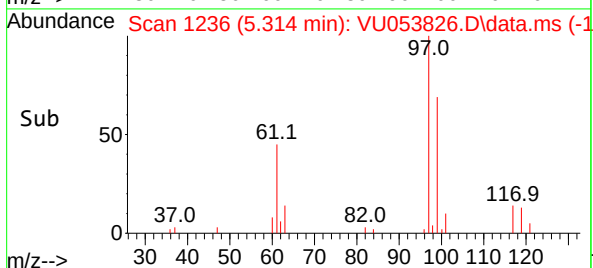
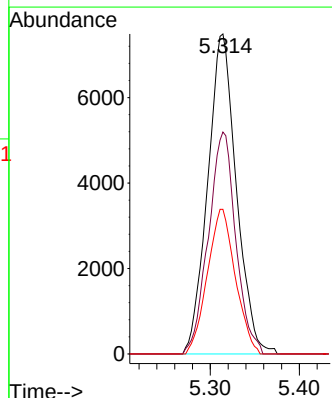
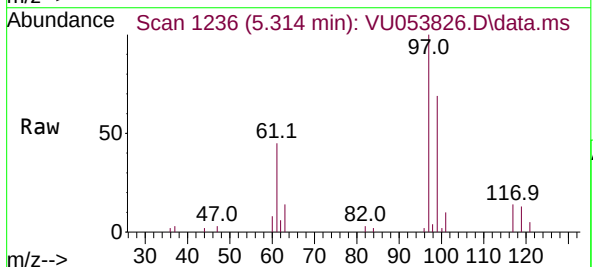
Tgt Ion: 97 Resp: 16752

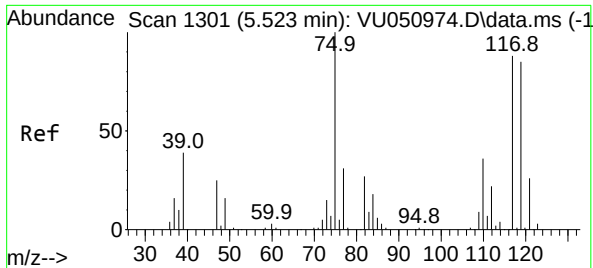
Ion Ratio Lower Upper

97 100

99 66.2 32.0 96.2

61 44.0 22.9 68.5





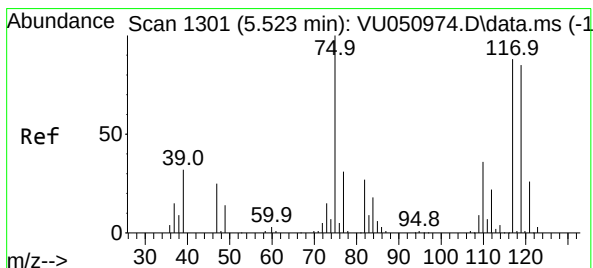
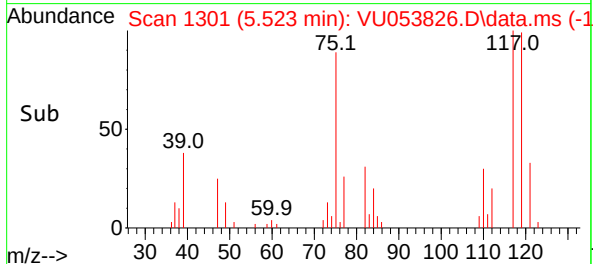
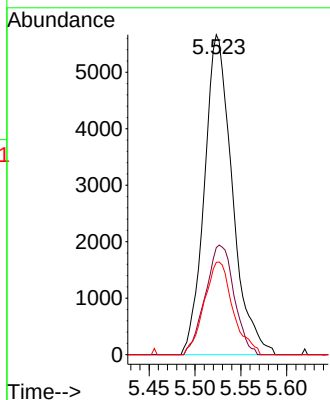
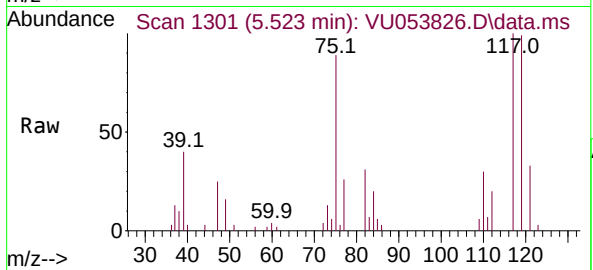
#29
1,1-Dichloropropene
Concen: 1.018 ug/l
RT: 5.523 min Scan# 1199
Delta R.T. 0.006 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22

Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023

Tgt Ion: 75	Resp: 1199
Ion Ratio	Lower Upper
75 100	
110 35.2	18.0 54.0
77 29.8	24.7 37.1

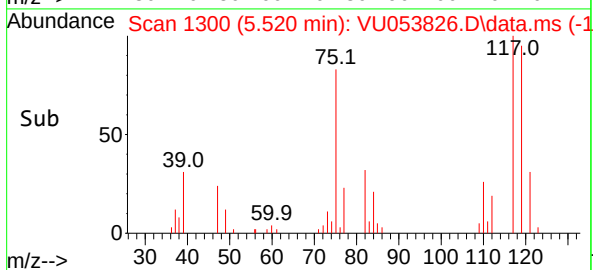
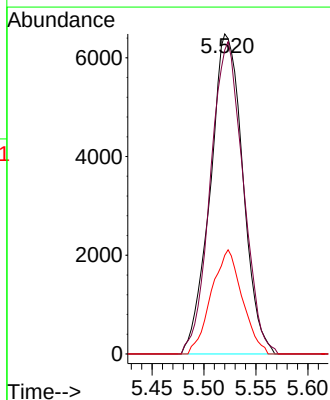
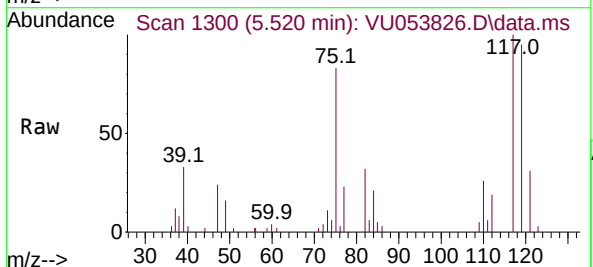
Manual Integrations
APPROVED

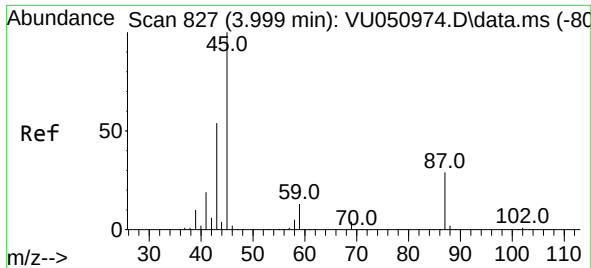
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#30
Carbon Tetrachloride
Concen: 1.067 ug/l
RT: 5.520 min Scan# 1300
Delta R.T. 0.006 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22

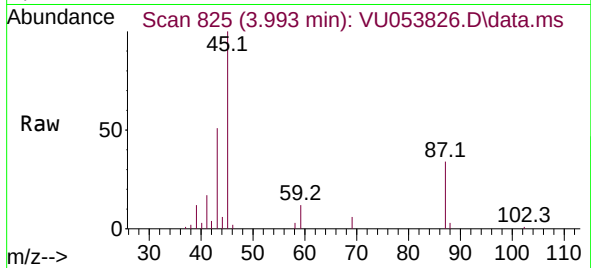
Tgt Ion:117	Resp: 14134
Ion Ratio	Lower Upper
117 100	
119 95.0	77.4 116.0
121 30.8	24.0 36.0





#31
Isopropyl Ether
Concen: 0.812 ug/l
RT: 3.993 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22

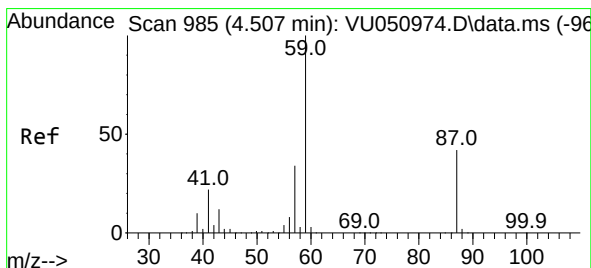
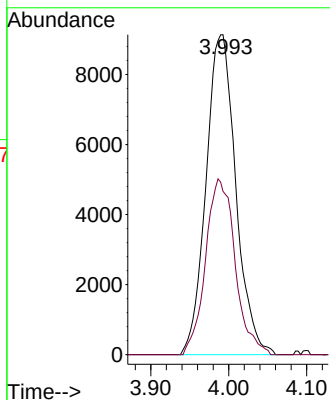
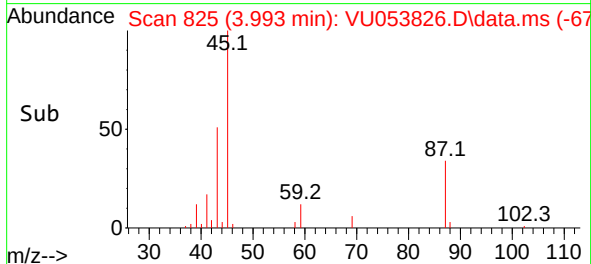
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023



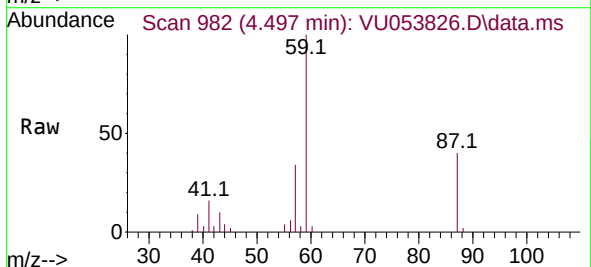
Tgt Ion: 45 Resp: 2429
Ion Ratio Lower Upper
45 100
43 54.5 27.5 82.5

Manual Integrations
APPROVED

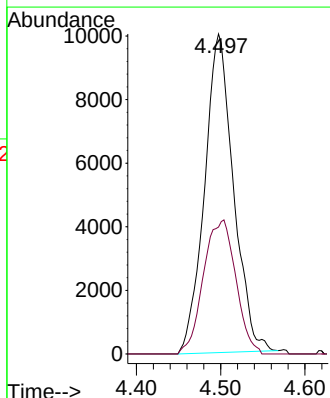
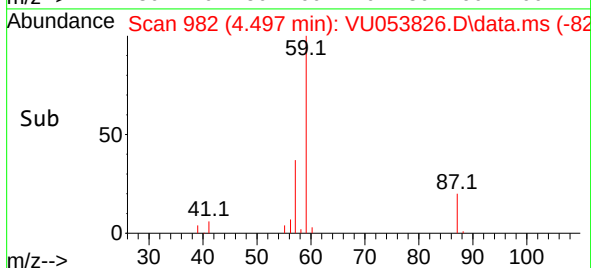
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

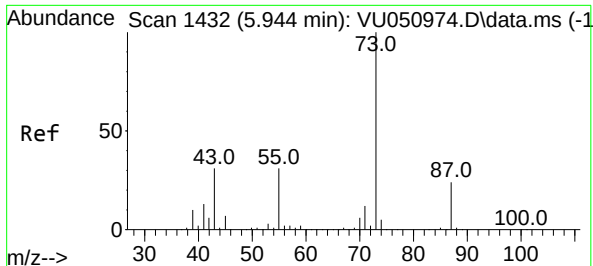


#32
Ethyl-t-butyl ether
Concen: 0.791 ug/l
RT: 4.497 min Scan# 982
Delta R.T. -0.010 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22



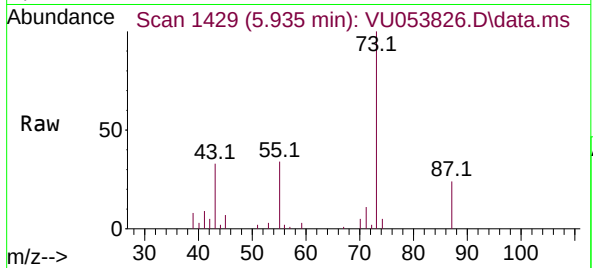
Tgt Ion: 59 Resp: 23937
Ion Ratio Lower Upper
59 100
87 46.9 33.5 50.3





#33
Tert-Amyl methyl ether
Concen: 0.990 ug/l
RT: 5.935 min Scan# 1432
Delta R.T. -0.009 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22

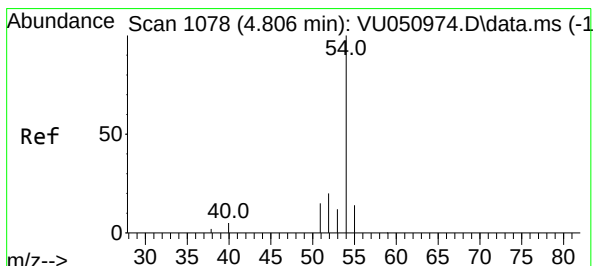
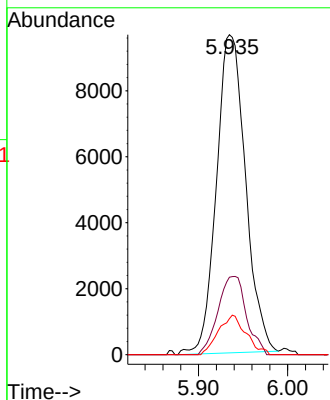
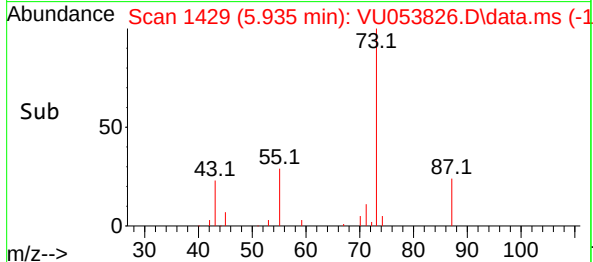
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion: 73 Resp: 2187
Ion Ratio Lower Upper
73 100
87 24.0 18.6 28.0
71 11.8 9.9 14.9

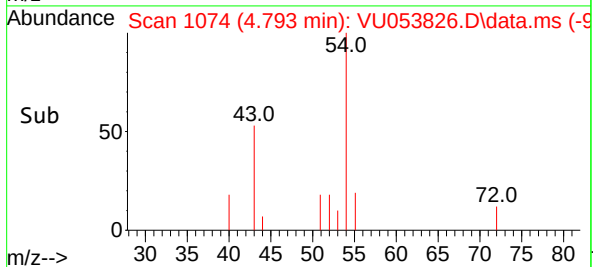
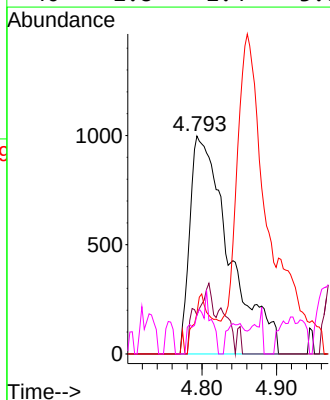
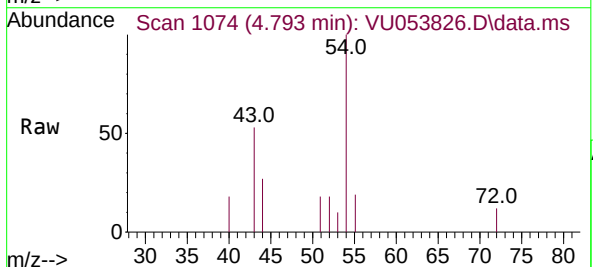
Manual Integrations
APPROVED

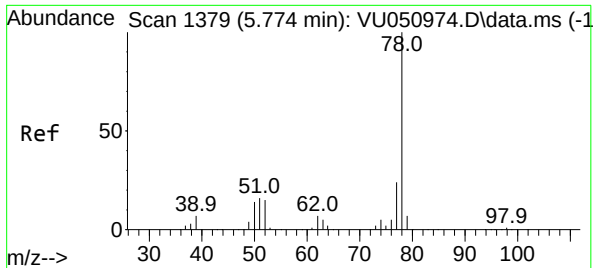
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#34
Propionitrile
Concen: 3.897 ug/l m
RT: 4.793 min Scan# 1074
Delta R.T. 0.016 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22

Tgt Ion: 54 Resp: 3658
Ion Ratio Lower Upper
54 100
52 3.9 17.4 26.0#
55 0.0 104.1 156.1#
40 2.8 2.4 3.6





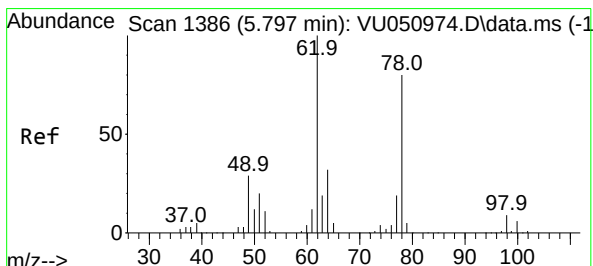
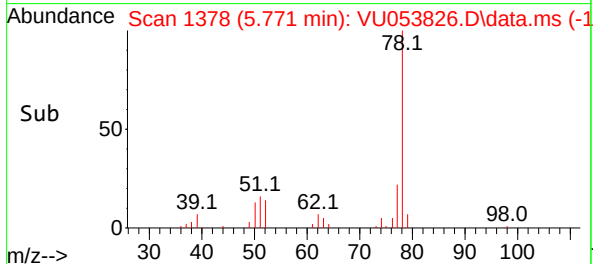
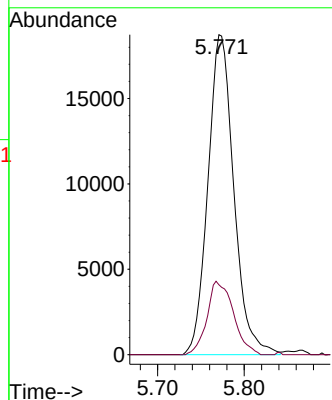
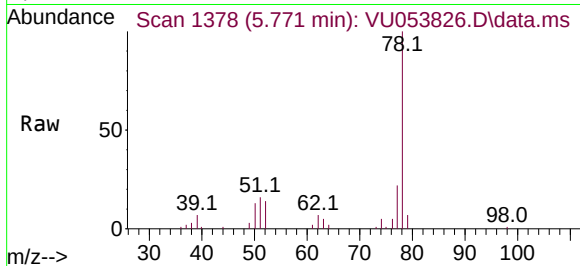
#35
Benzene
Concen: 1.073 ug/l
RT: 5.771 min Scan# 1378
Delta R.T. 0.003 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22

Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2023

Tgt Ion: 78 Resp: 3894
Ion Ratio Lower Upper
78 100
77 21.9 18.9 28.3

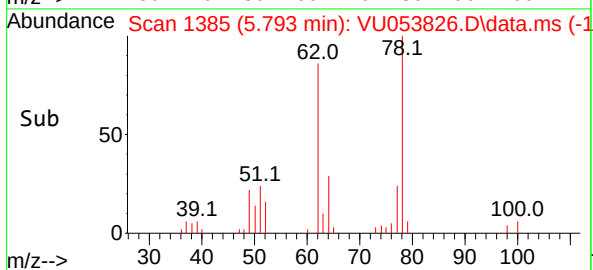
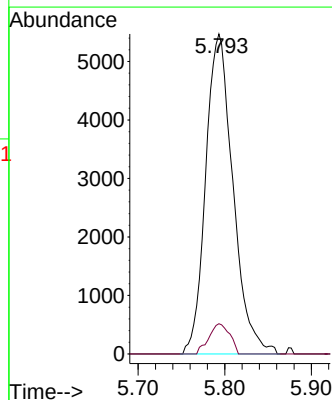
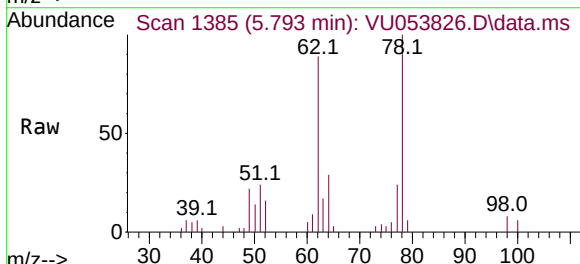
Manual Integrations
APPROVED

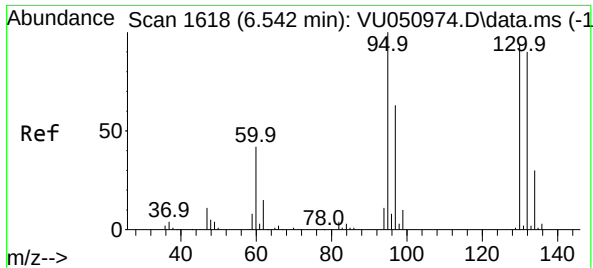
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#36
1,2-Dichloroethane
Concen: 1.051 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. 0.003 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22

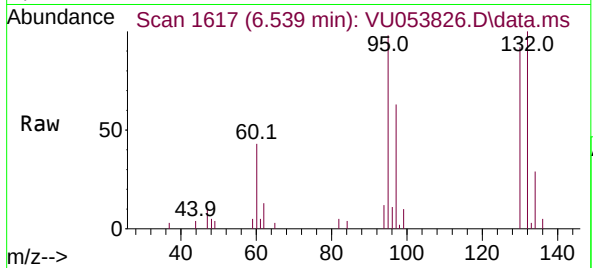
Tgt Ion: 62 Resp: 11983
Ion Ratio Lower Upper
62 100
98 7.2 7.3 10.9#





#37
 Trichloroethene
 Concen: 1.062 ug/l
 RT: 6.539 min Scan# 1617
 Delta R.T. 0.003 min
 Lab File: VU053826.D
 Acq: 21 Apr 2023 15:22

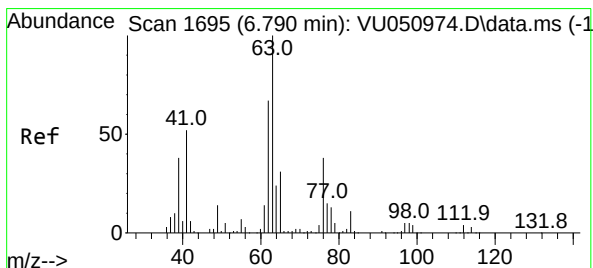
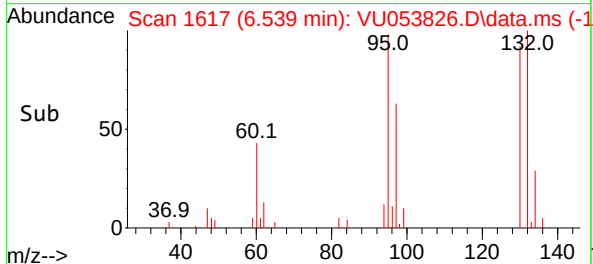
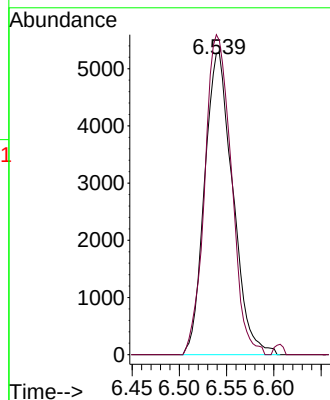
Instrument : MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2023



Tgt Ion:130 Resp: 10939
 Ion Ratio Lower Upper
 130 100
 95 106.1 85.0 127.6

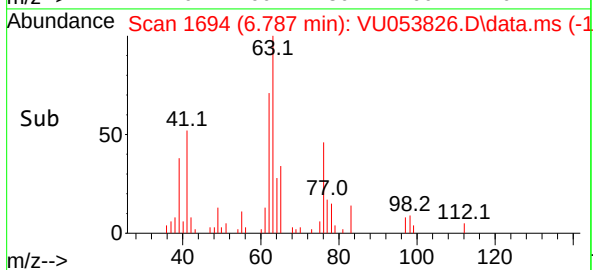
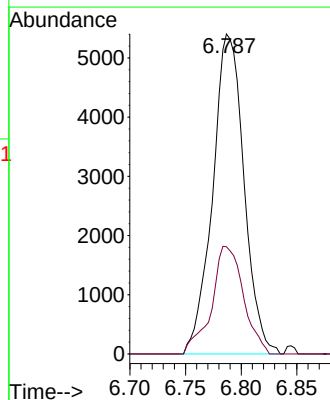
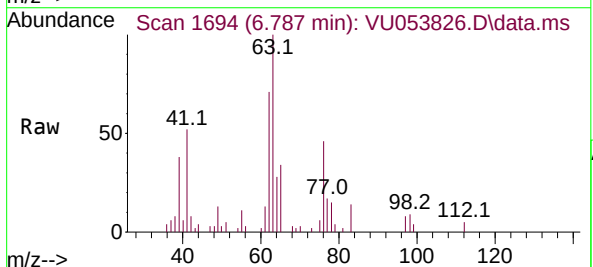
Manual Integrations
 APPROVED

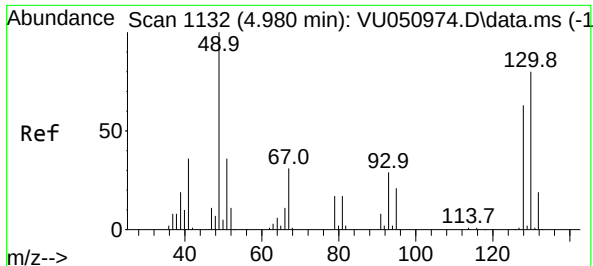
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023



#38
 1,2-Dichloropropane
 Concen: 1.025 ug/l
 RT: 6.787 min Scan# 1694
 Delta R.T. -0.003 min
 Lab File: VU053826.D
 Acq: 21 Apr 2023 15:22

Tgt Ion: 63 Resp: 10586
 Ion Ratio Lower Upper
 63 100
 65 33.5 24.9 37.3





#39

Methacrylonitrile

Concen: 0.607 ug/l m

RT: 4.977 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VU053826.D

Acq: 21 Apr 2023 15:22

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion: 41 Resp: 227

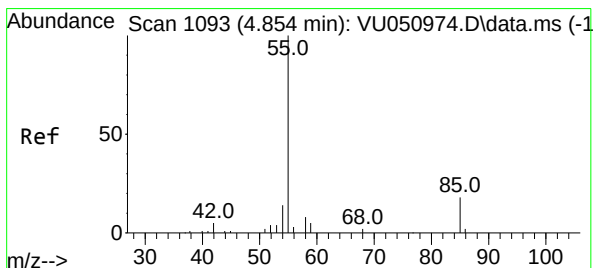
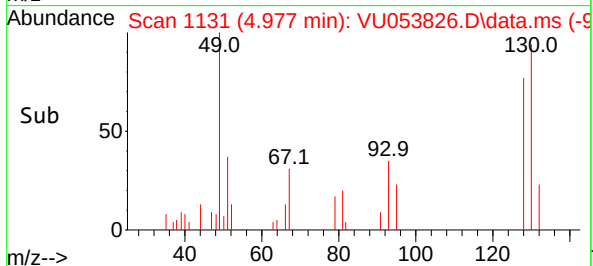
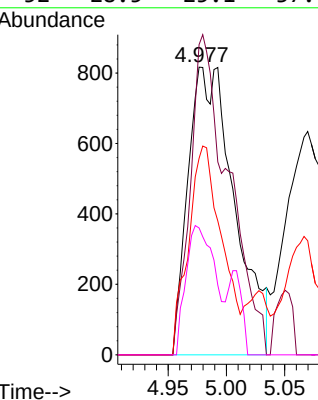
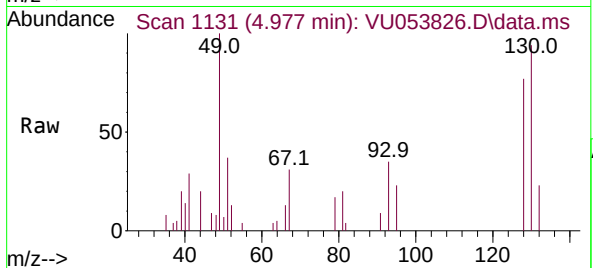
Ion	Ratio	Lower	Upper
41	100		
67	91.3	66.8	100.2
39	52.1	41.2	61.8
52	28.5	25.1	37.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#40

Methyl acrylate

Concen: 0.077 ug/l

RT: 4.800 min Scan# 1076

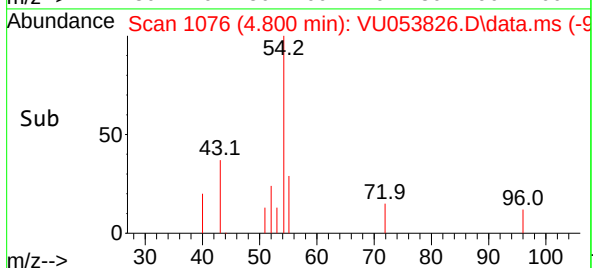
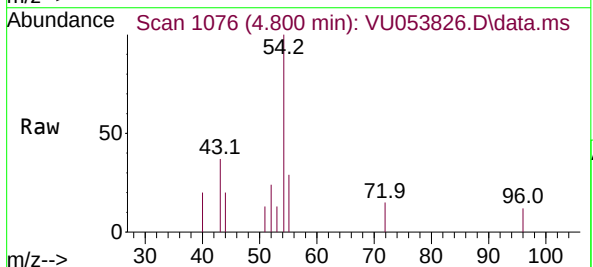
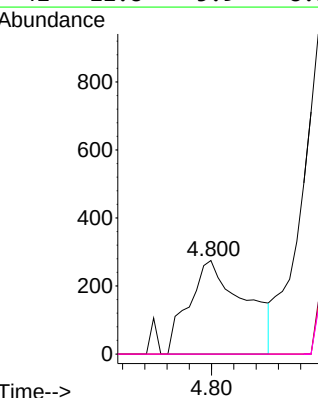
Delta R.T. -0.045 min

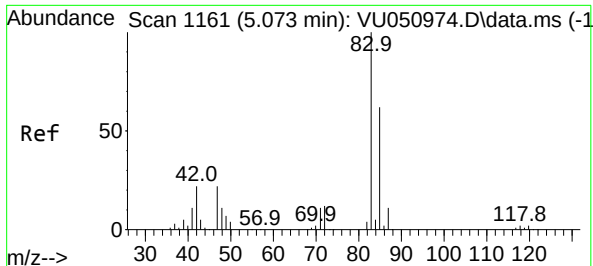
Lab File: VU053826.D

Acq: 21 Apr 2023 15:22

Tgt Ion: 55 Resp: 478

Ion	Ratio	Lower	Upper
55	100		
85	0.0	13.3	19.9#
58	28.5	6.5	9.7#
42	22.8	5.9	8.9#





#41

Tetrahydrofuran

Concen: 1.366 ug/l

RT: 5.070 min Scan# 1161

Delta R.T. 0.006 min

Lab File: VU053826.D

Acq: 21 Apr 2023 15:22

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion: 42 Resp: 2530

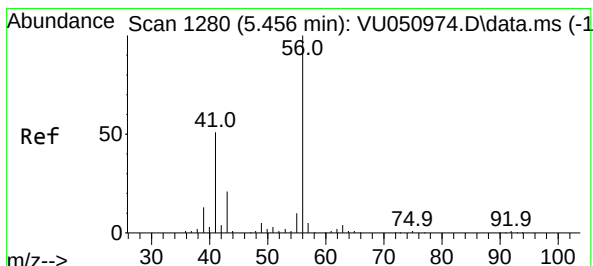
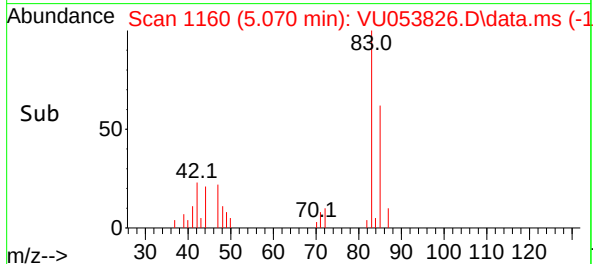
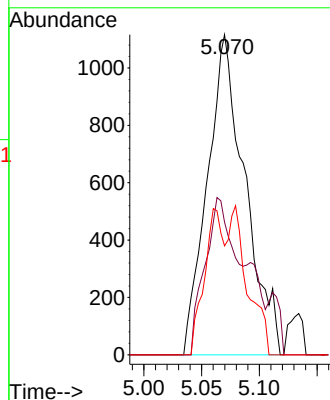
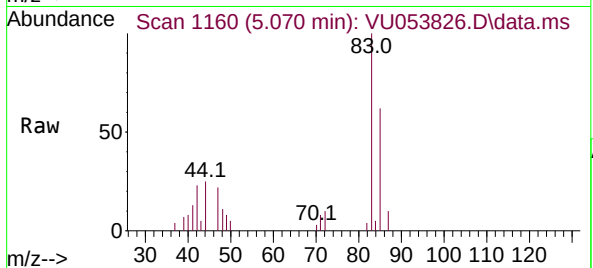
Ion	Ratio	Lower	Upper
42	100		
72	39.0	40.9	61.3
71	23.2	36.9	55.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#42

1-Chlorobutane

Concen: 1.035 ug/l

RT: 5.459 min Scan# 1281

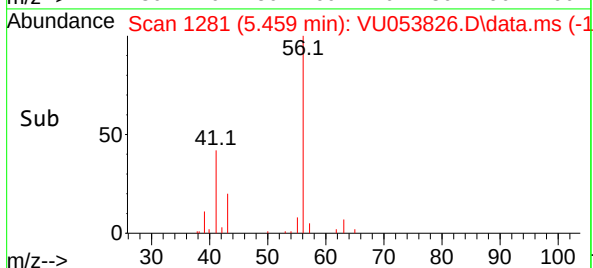
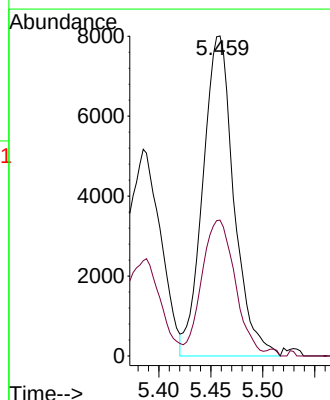
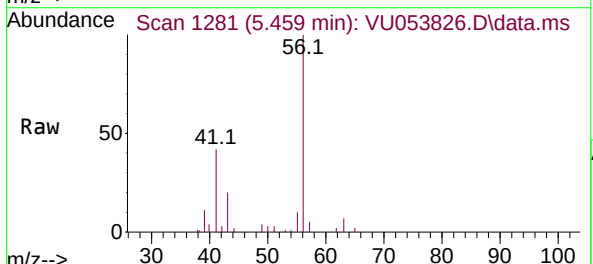
Delta R.T. 0.010 min

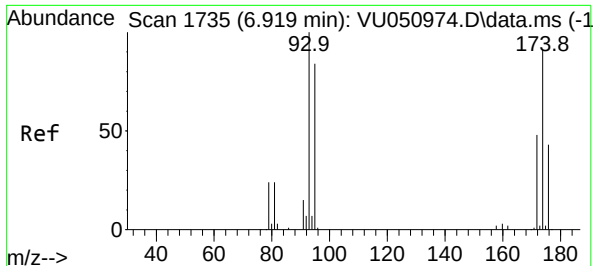
Lab File: VU053826.D

Acq: 21 Apr 2023 15:22

Tgt Ion: 56 Resp: 16641

Ion	Ratio	Lower	Upper
56	100		
41	45.5	25.2	75.6





#43

Dibromomethane

Concen: 1.021 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. 0.003 min

Lab File: VU053826.D

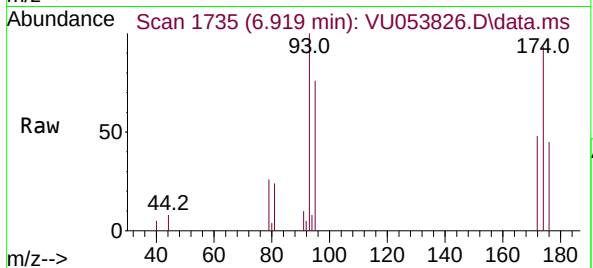
Acq: 21 Apr 2023 15:22

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2023



Tgt Ion: 93 Resp: 535

Ion Ratio Lower Upper

93 100

95 81.3 67.0 100.6

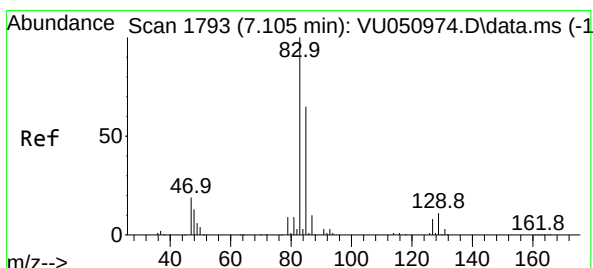
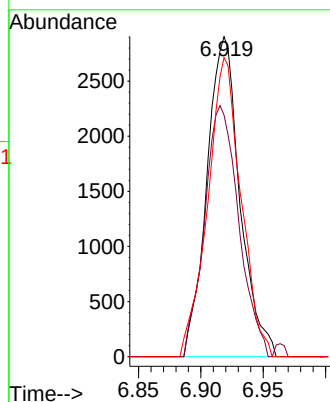
174 94.2 73.8 110.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#44

Bromodichloromethane

Concen: 1.041 ug/l

RT: 7.105 min Scan# 1793

Delta R.T. 0.003 min

Lab File: VU053826.D

Acq: 21 Apr 2023 15:22

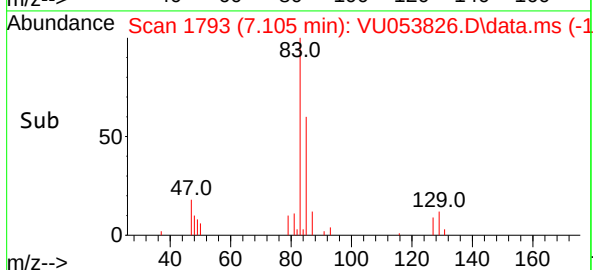
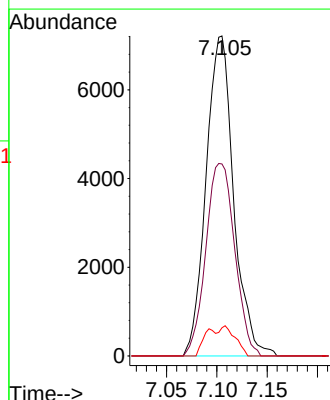
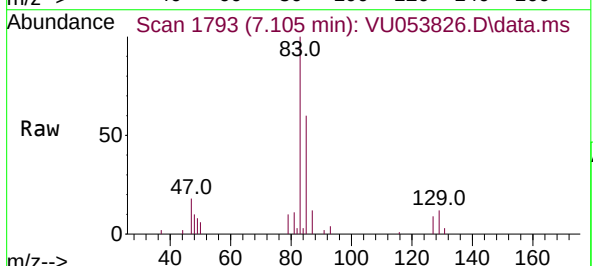
Tgt Ion: 83 Resp: 13746

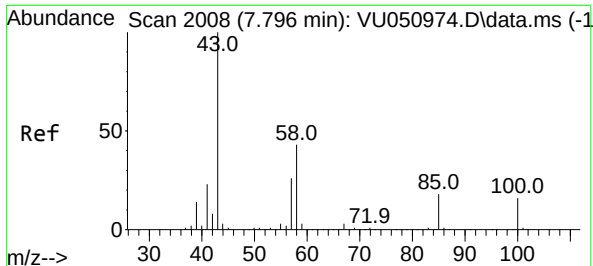
Ion Ratio Lower Upper

83 100

85 60.0 51.9 77.9

127 8.8 6.7 10.1





#45

4-Methyl-2-Pentanone

Concen: 4.730 ug/l

RT: 7.790 min Scan# 2006

Delta R.T. -0.007 min

Lab File: VU053826.D

Acq: 21 Apr 2023 15:22

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2023

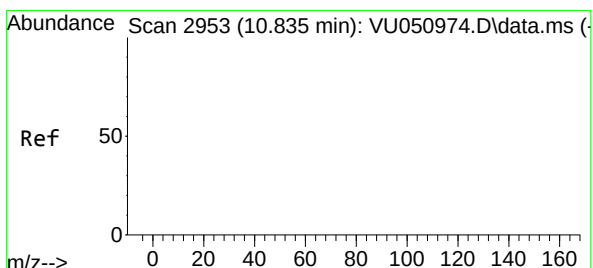
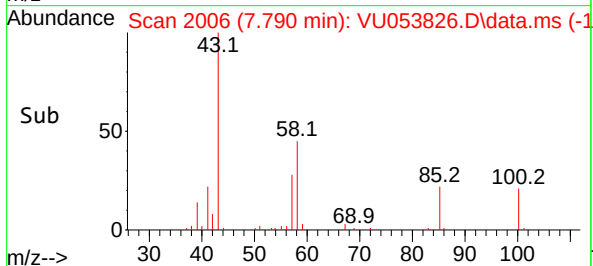
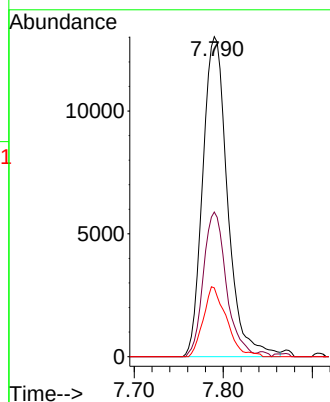
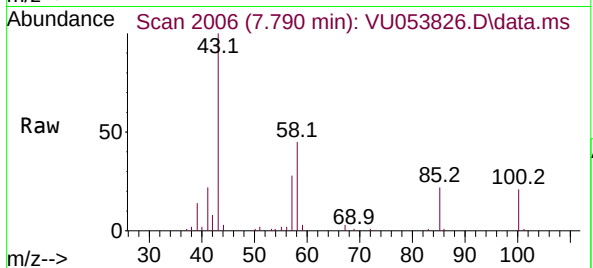
Tgt Ion: 43	Resp: 2520
Ion Ratio	Lower Upper
43 100	
58 42.0	20.9 62.8
85 20.5	14.6 21.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#46

t-1,4-Dichloro-2-butene

Concen: 2.536 ug/l m

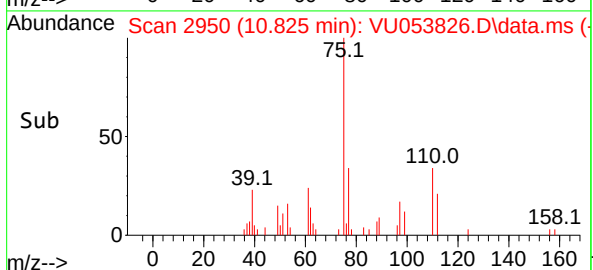
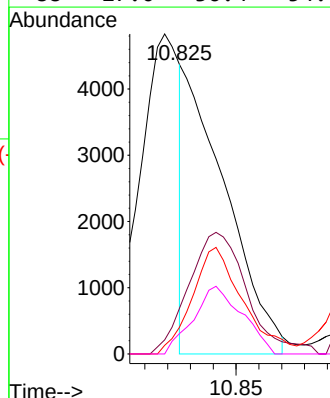
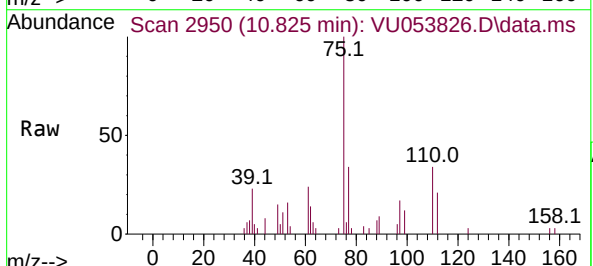
RT: 10.825 min Scan# 2950

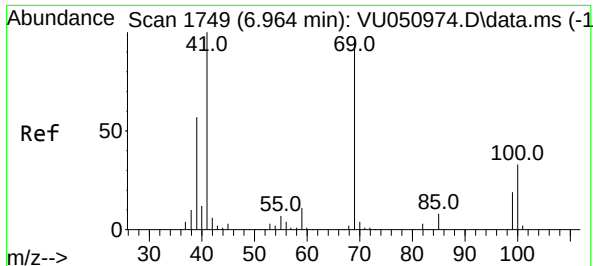
Delta R.T. -0.007 min

Lab File: VU053826.D

Acq: 21 Apr 2023 15:22

Tgt Ion: 75	Resp: 5611
Ion Ratio	Lower Upper
75 100	
53 58.2	73.3 109.9#
89 44.3	48.2 72.4#
88 27.0	36.4 54.6#





#47

Methyl methacrylate

Concen: 1.845 ug/l

RT: 6.964 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VU053826.D

Acq: 21 Apr 2023 15:22

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2023

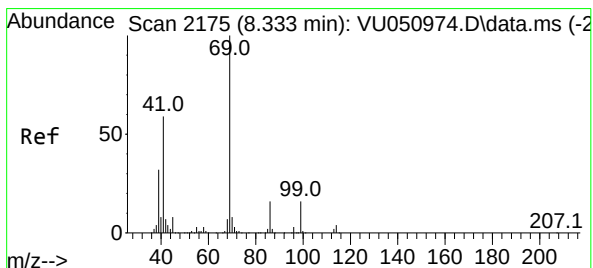
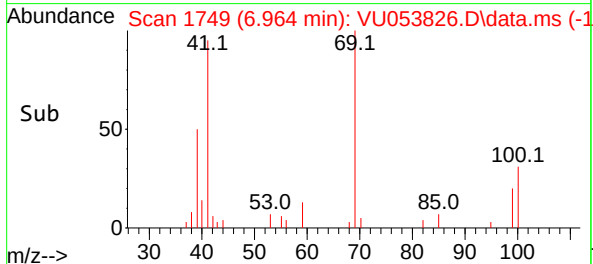
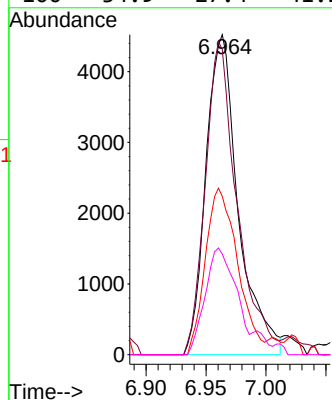
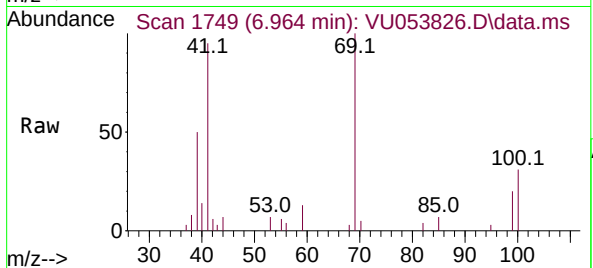
Tgt Ion:	69	Resp:	8489
Ion Ratio	Lower	Upper	
69	100		
41	95.9	0.0	209.2
39	52.2	46.7	70.1
100	34.9	27.4	41.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#48

Ethyl methacrylate

Concen: 0.957 ug/l

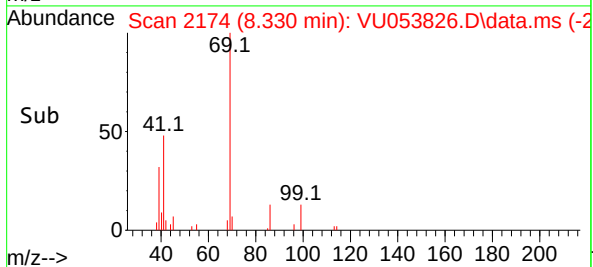
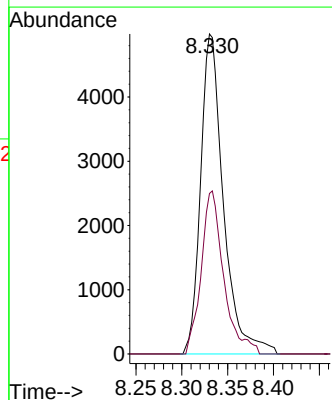
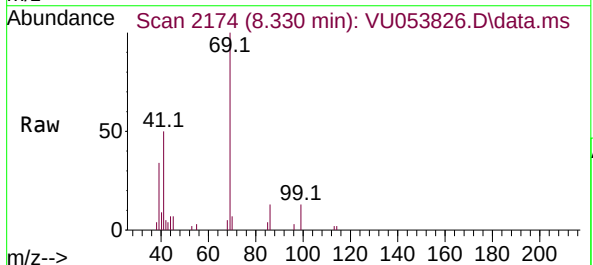
RT: 8.330 min Scan# 2174

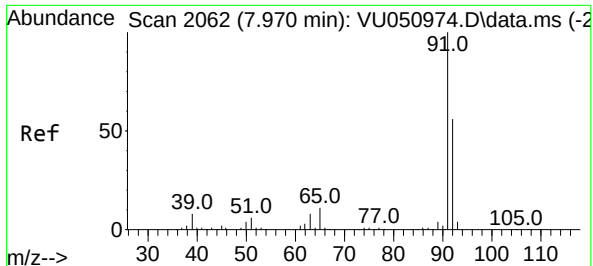
Delta R.T. -0.003 min

Lab File: VU053826.D

Acq: 21 Apr 2023 15:22

Tgt Ion:	69	Resp:	8627
Ion Ratio	Lower	Upper	
69	100		
41	50.2	30.3	90.8





#49

Toluene

Concen: 1.036 ug/l

RT: 7.967 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU053826.D

Acq: 21 Apr 2023 15:22

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion: 92 Resp: 23670

Ion Ratio Lower Upper

92 100

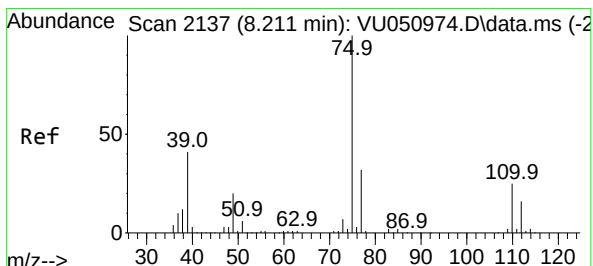
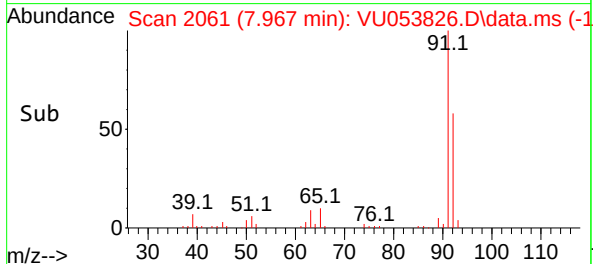
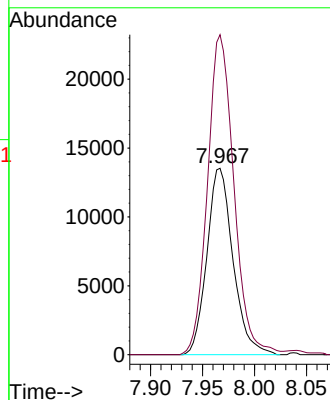
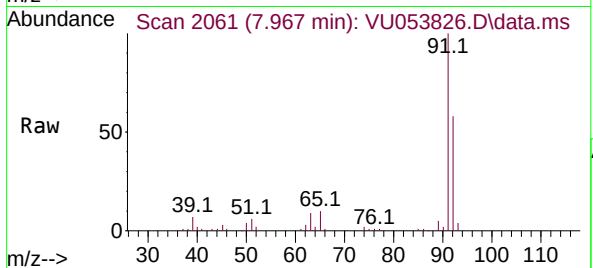
91 173.5 143.0 214.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#50

t-1,3-Dichloropropene

Concen: 0.952 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VU053826.D

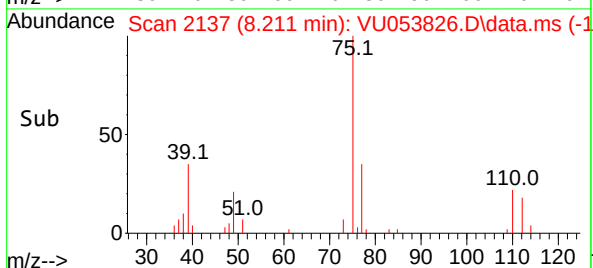
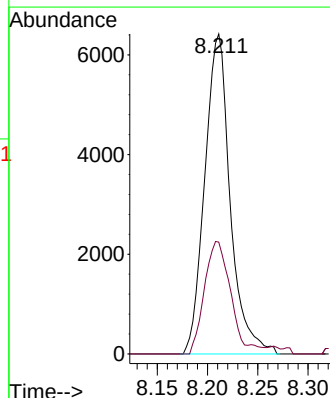
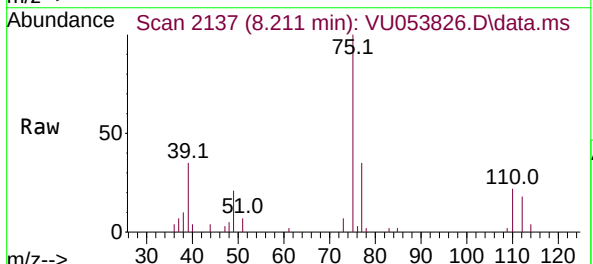
Acq: 21 Apr 2023 15:22

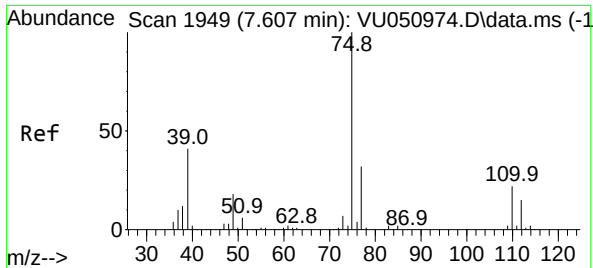
Tgt Ion: 75 Resp: 11298

Ion Ratio Lower Upper

75 100

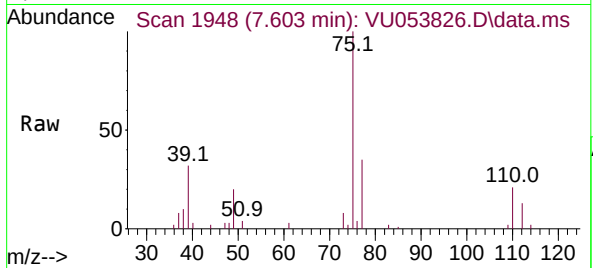
77 34.9 25.3 37.9





#51
 cis-1,3-Dichloropropene
 Concen: 1.051 ug/l
 RT: 7.603 min Scan# 1948
 Delta R.T. -0.000 min
 Lab File: VU053826.D
 Acq: 21 Apr 2023 15:22

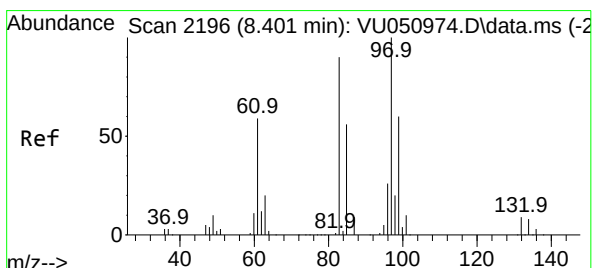
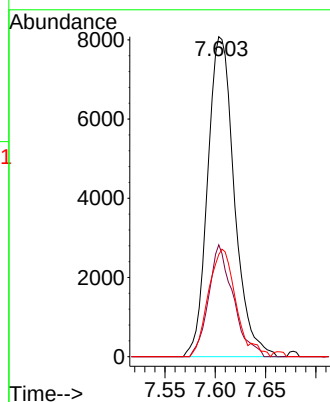
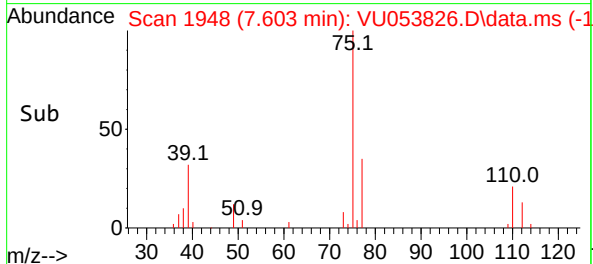
Instrument : MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2023



Tgt Ion: 75 Resp: 1488
 Ion Ratio Lower Upper
 75 100
 77 34.9 25.7 38.5
 39 31.9 32.8 49.2

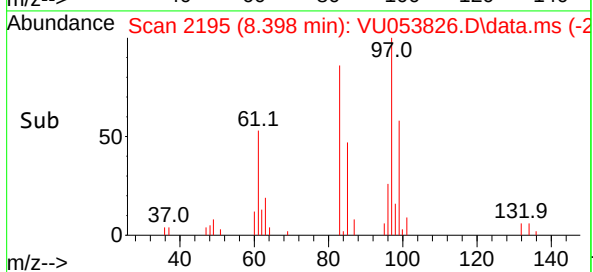
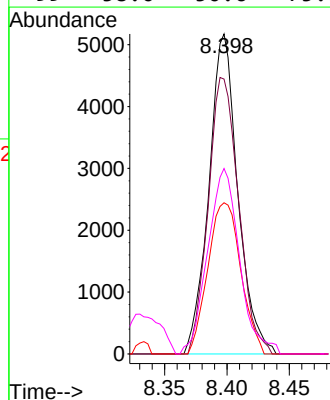
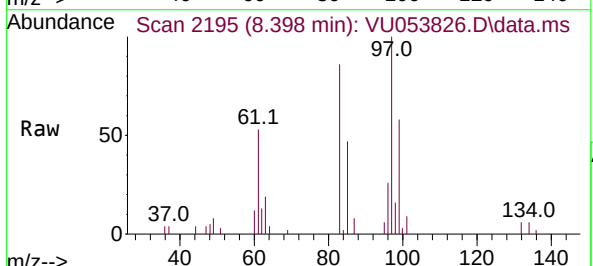
Manual Integrations
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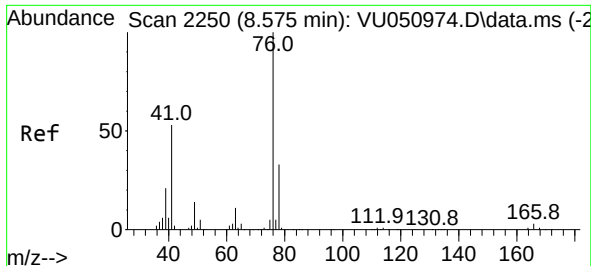
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023



#52
 1,1,2-Trichloroethane
 Concen: 1.006 ug/l
 RT: 8.398 min Scan# 2195
 Delta R.T. -0.000 min
 Lab File: VU053826.D
 Acq: 21 Apr 2023 15:22

Tgt Ion: 97 Resp: 8364
 Ion Ratio Lower Upper
 97 100
 83 85.9 71.8 107.8
 85 47.3 45.2 67.8
 99 58.0 50.6 75.8





#53

1,3-Dichloropropane

Concen: 1.026 ug/l

RT: 8.571 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU053826.D

Acq: 21 Apr 2023 15:22

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion: 76 Resp: 1335

Ion Ratio Lower Upper

76 100

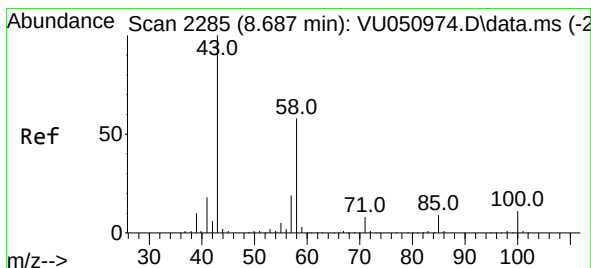
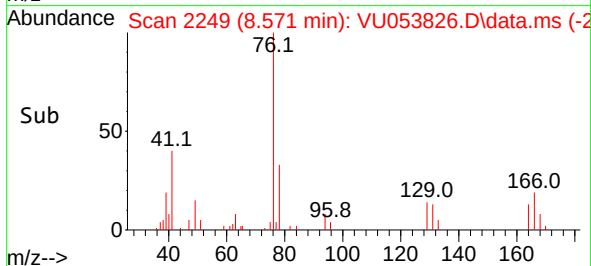
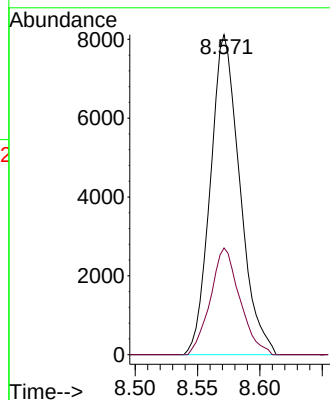
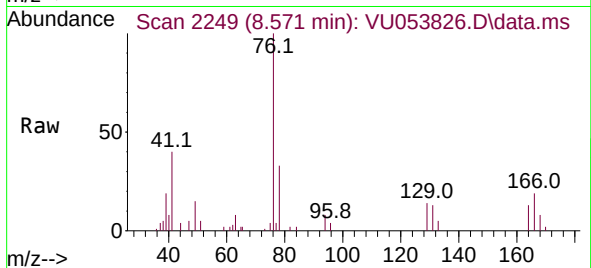
78 33.3 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#54

2-Hexanone

Concen: 3.898 ug/l

RT: 8.684 min Scan# 2284

Delta R.T. -0.003 min

Lab File: VU053826.D

Acq: 21 Apr 2023 15:22

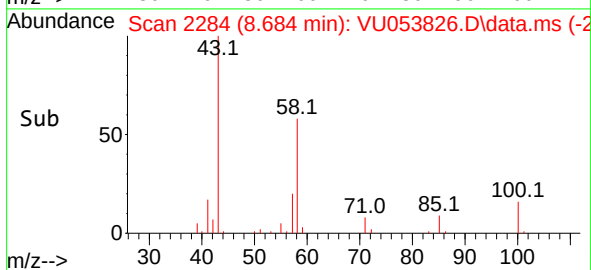
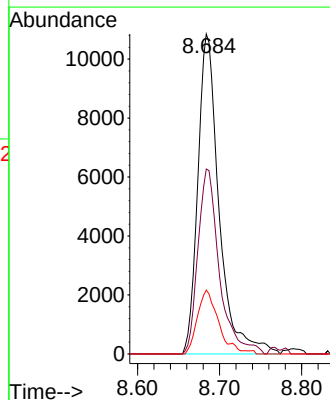
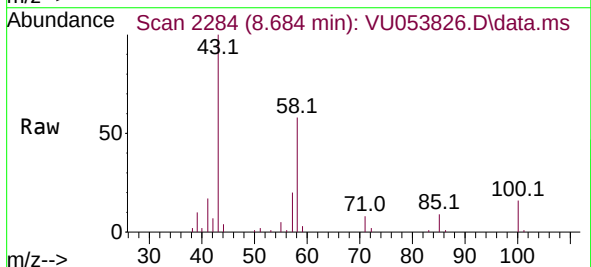
Tgt Ion: 43 Resp: 19478

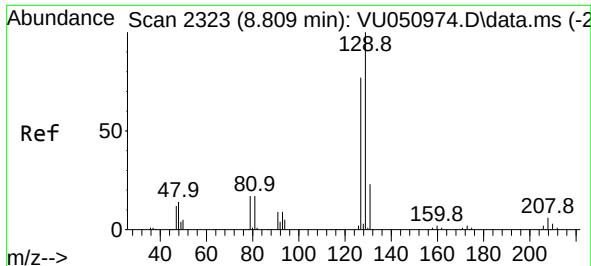
Ion Ratio Lower Upper

43 100

58 58.3 38.2 78.2

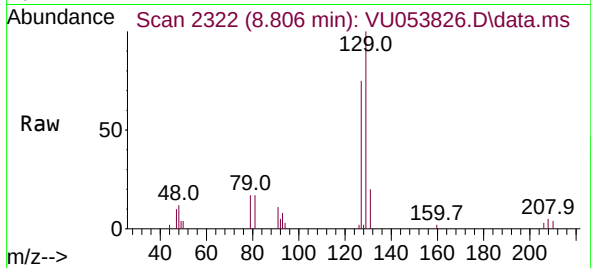
57 20.1 0.0 39.1





#55
Dibromochloromethane
Concen: 1.013 ug/l
RT: 8.806 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22

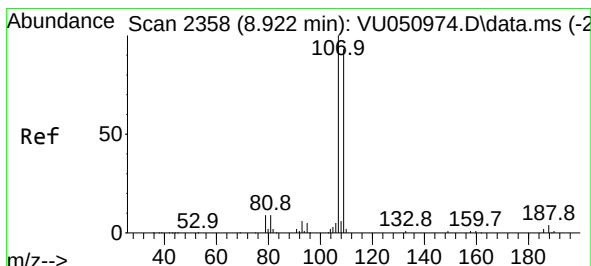
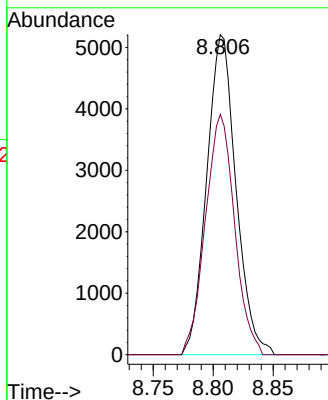
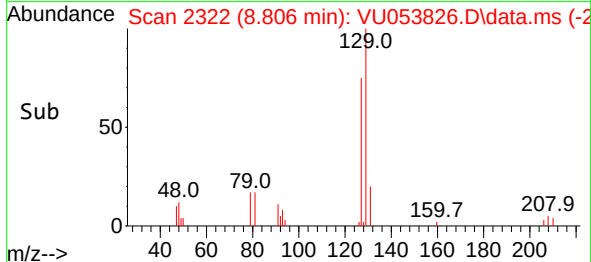
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:129 Resp: 885
Ion Ratio Lower Upper
129 100
127 74.8 61.4 92.0

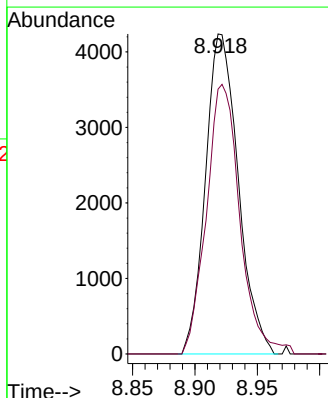
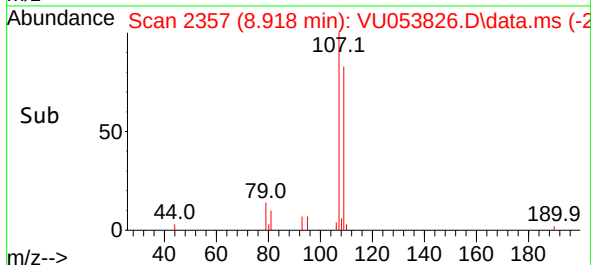
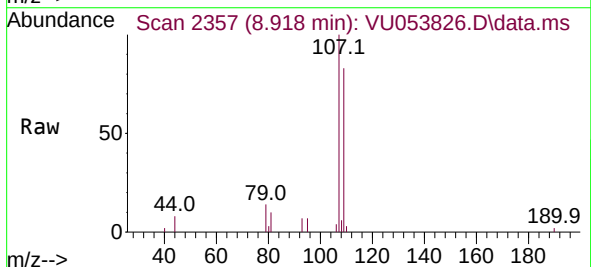
Manual Integrations
APPROVED

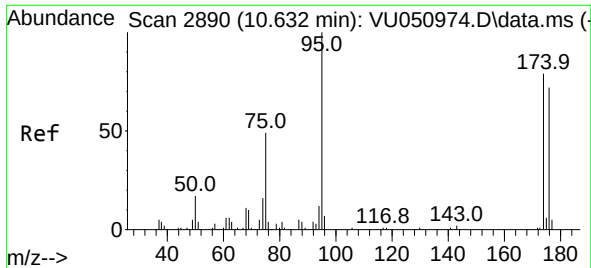
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#56
1,2-Dibromoethane
Concen: 1.083 ug/l
RT: 8.918 min Scan# 2357
Delta R.T. -0.003 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22

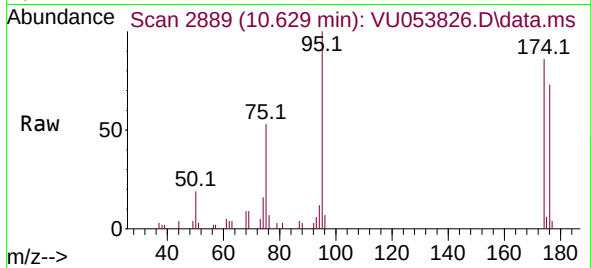
Tgt Ion:107 Resp: 7762
Ion Ratio Lower Upper
107 100
109 85.9 0.0 184.4





#57
4-Bromofluorobenzene
Concen: 0.912 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. -0.003 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22

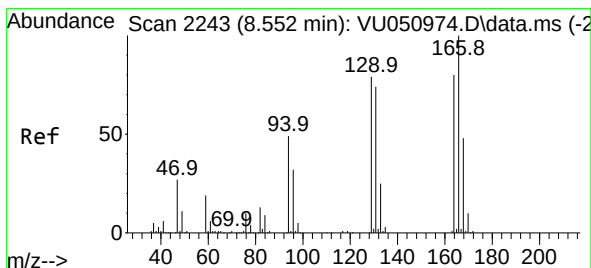
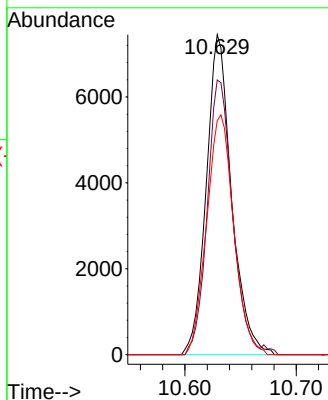
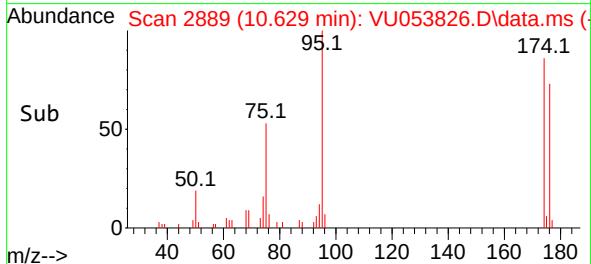
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2023



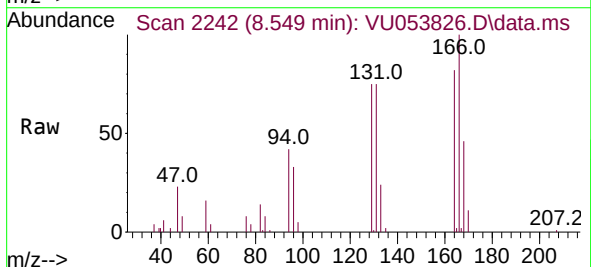
Tgt Ion: 95 Resp: 11734
Ion Ratio Lower Upper
95 100
174 86.5 63.3 94.9
176 80.1 59.3 88.9

Manual Integrations
APPROVED

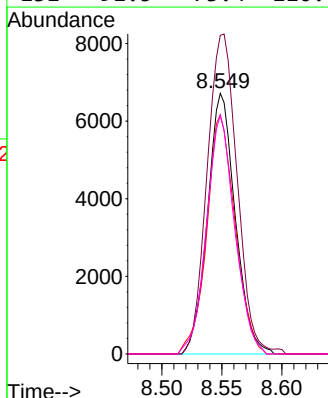
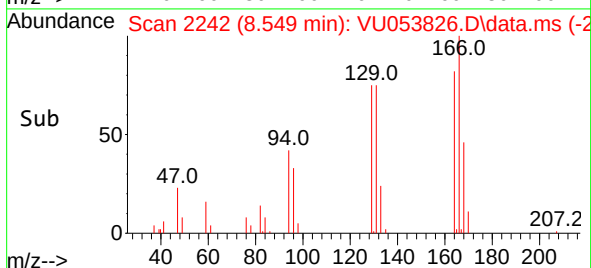
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

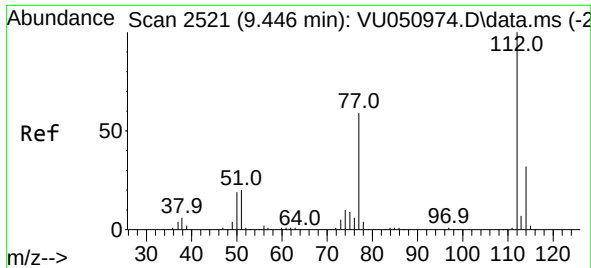


#58
Tetrachloroethene
Concen: 1.090 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22



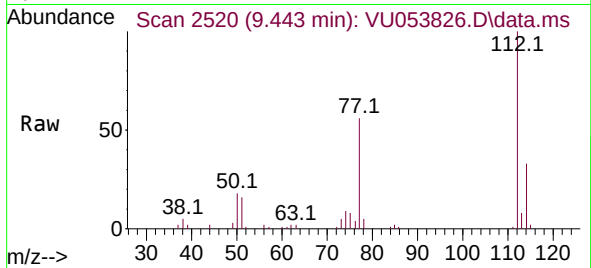
Tgt Ion:164 Resp: 10861
Ion Ratio Lower Upper
164 100
166 122.2 99.6 149.4
129 91.8 78.6 117.8
131 91.5 73.4 110.0





#59
Chlorobenzene
Concen: 1.040 ug/l
RT: 9.443 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22

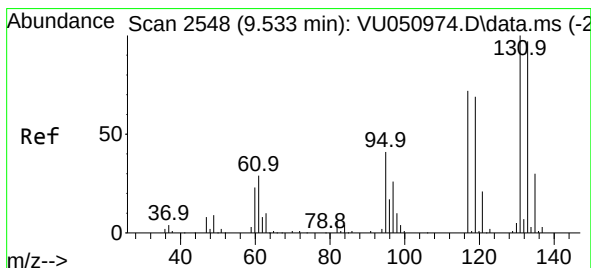
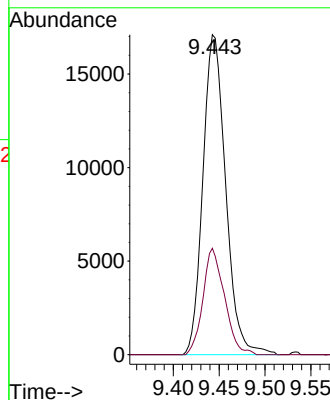
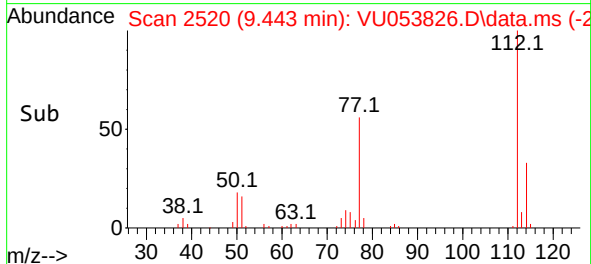
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2023



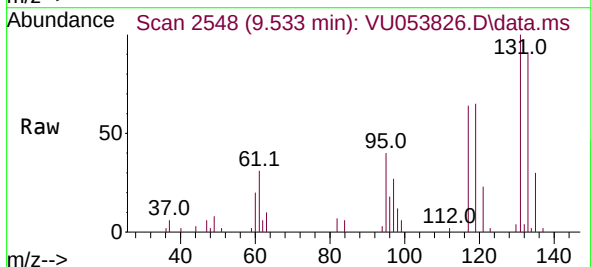
Tgt Ion:112 Resp: 2958
Ion Ratio Lower Upper
112 100
114 33.2 25.6 38.4

Manual Integrations
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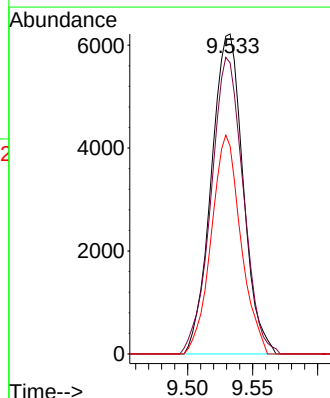
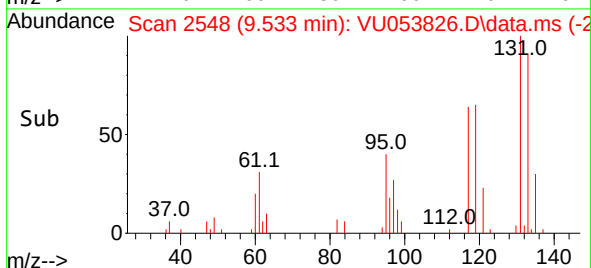
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

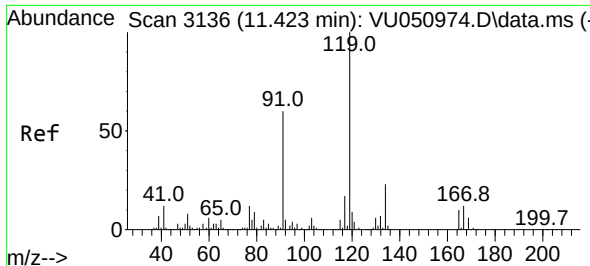


#60
1,1,1,2-Tetrachloroethane
Concen: 1.031 ug/l
RT: 9.533 min Scan# 2548
Delta R.T. 0.003 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22



Tgt Ion:131 Resp: 10572
Ion Ratio Lower Upper
131 100
133 94.0 77.8 116.6
119 63.6 55.2 82.8





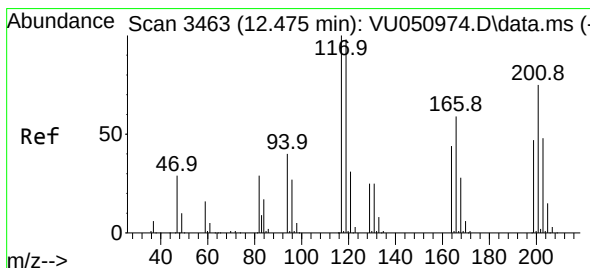
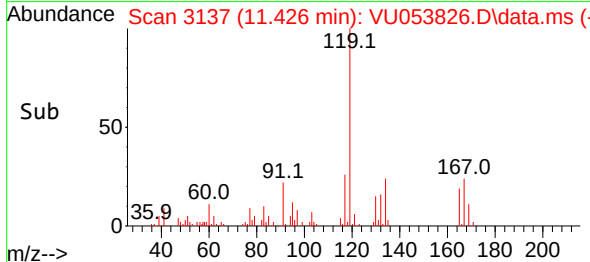
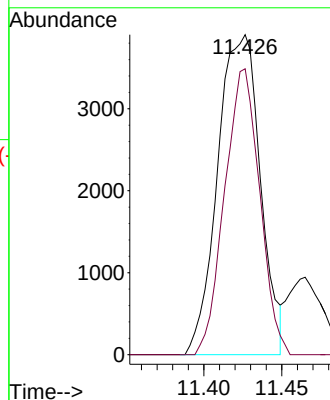
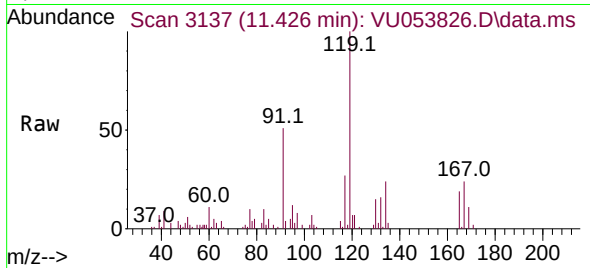
#61
Pentachloroethane
Concen: 0.939 ug/l
RT: 11.426 min Scan# 3136
Delta R.T. 0.003 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023

Tgt Ion:117 Resp: 7429
Ion Ratio Lower Upper
117 100
167 73.5 56.7 85.1

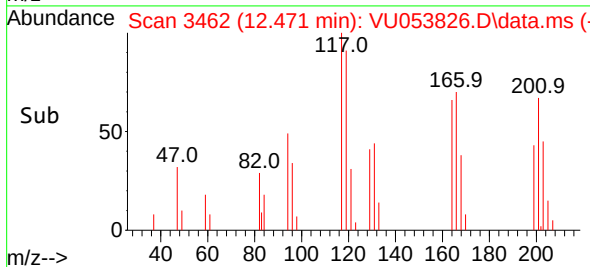
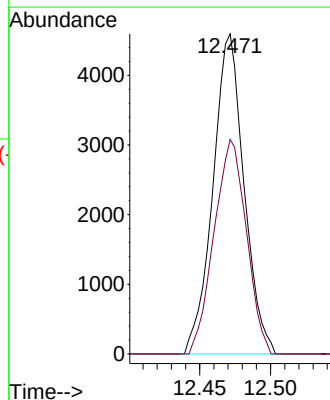
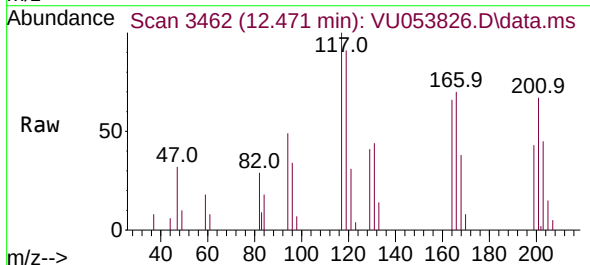
Manual Integrations
APPROVED

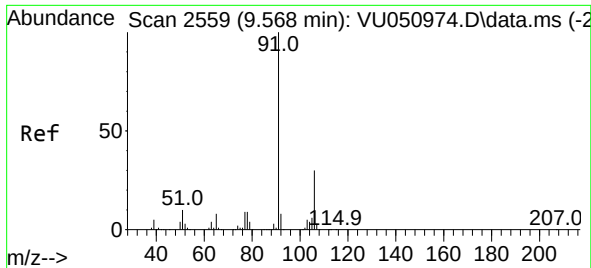
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#62
Hexachloroethane
Concen: 0.907 ug/l
RT: 12.471 min Scan# 3462
Delta R.T. -0.000 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22

Tgt Ion:117 Resp: 7002
Ion Ratio Lower Upper
117 100
201 69.7 59.6 89.4





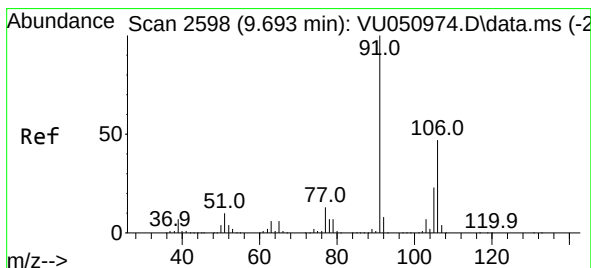
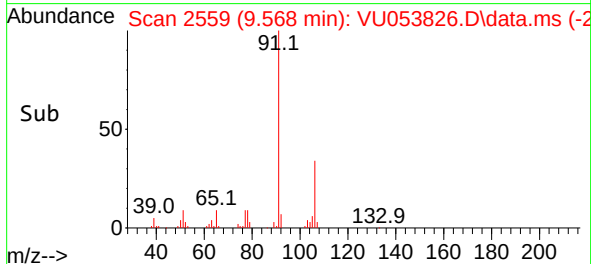
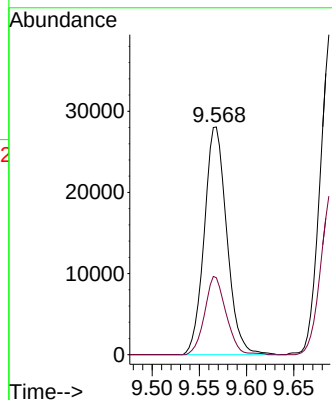
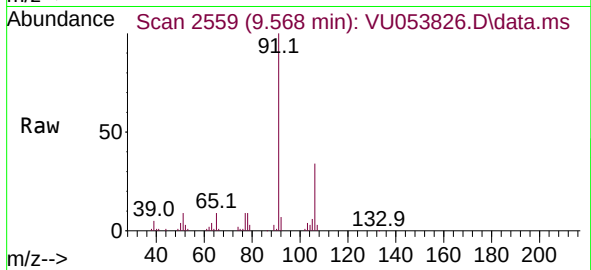
#63
Ethyl Benzene
Concen: 1.038 ug/l
RT: 9.568 min Scan# 2559
Delta R.T. 0.003 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22

Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2023

Tgt Ion: 91 Resp: 4661
Ion Ratio Lower Upper
91 100
106 33.8 24.2 36.2

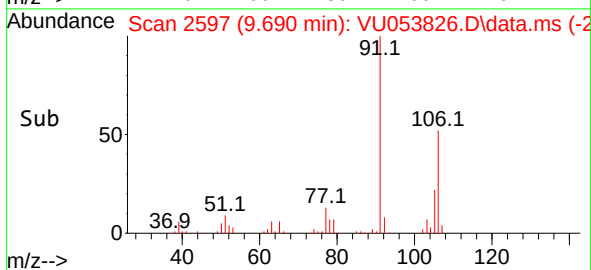
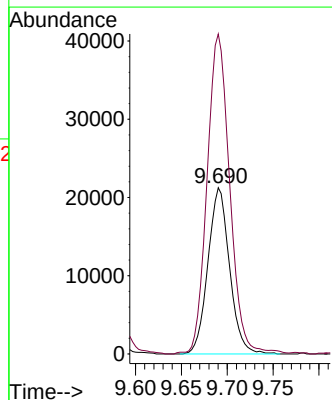
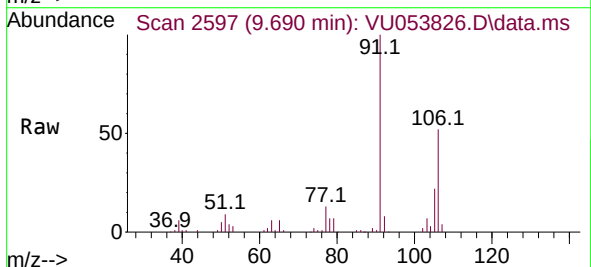
Manual Integrations
APPROVED

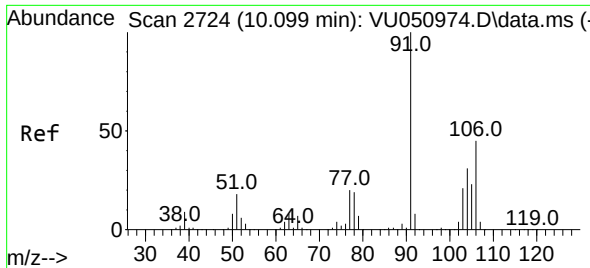
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#64
m/p-Xylenes
Concen: 1.968 ug/l
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22

Tgt Ion:106 Resp: 34835
Ion Ratio Lower Upper
106 100
91 201.7 167.3 250.9





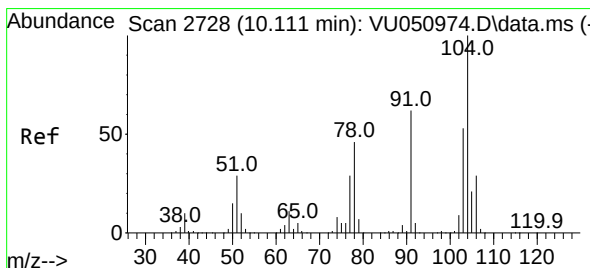
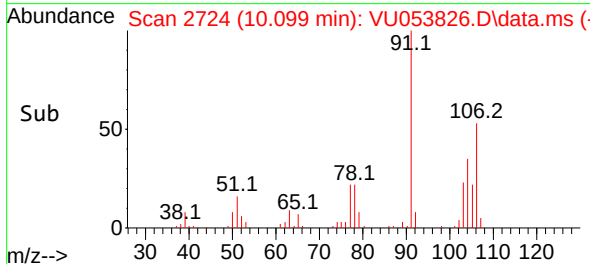
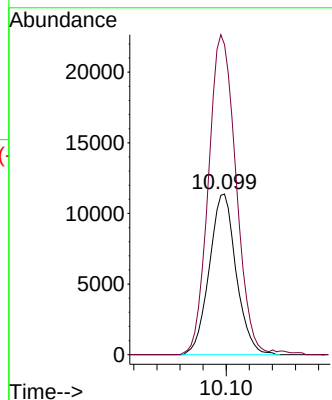
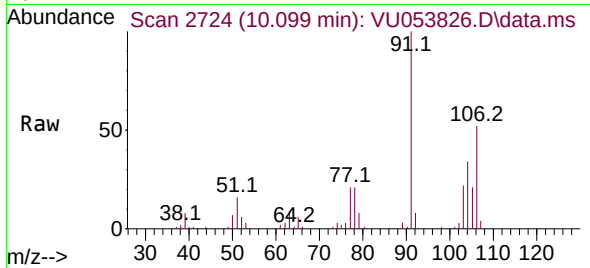
#65
o-Xylene
Concen: 1.028 ug/l
RT: 10.099 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22

Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2023

Tgt Ion:106 Resp: 1834
Ion Ratio Lower Upper
106 100
91 204.1 109.3 327.9

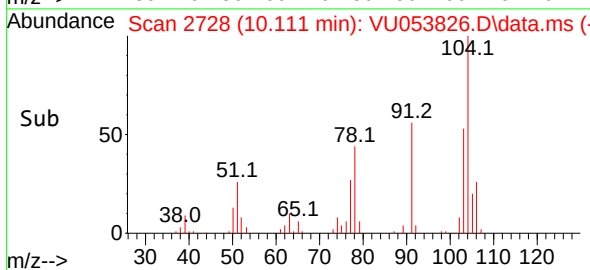
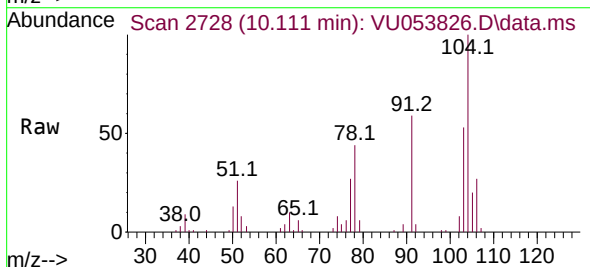
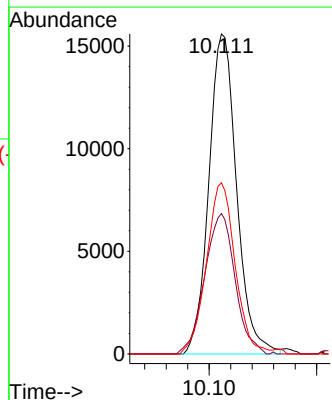
Manual Integrations
APPROVED

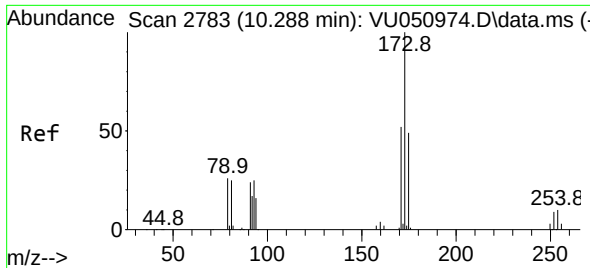
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#66
Styrene
Concen: 0.987 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22

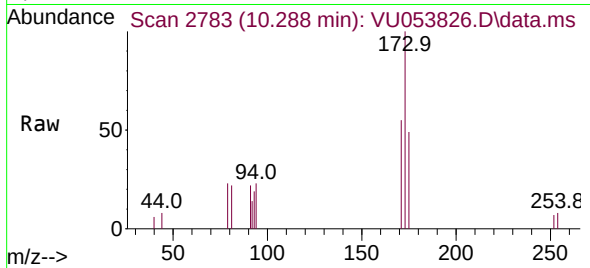
Tgt Ion:104 Resp: 28006
Ion Ratio Lower Upper
104 100
78 47.9 39.7 59.5
103 55.1 44.8 67.2





#67
Bromoform
Concen: 0.901 ug/l
RT: 10.288 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22

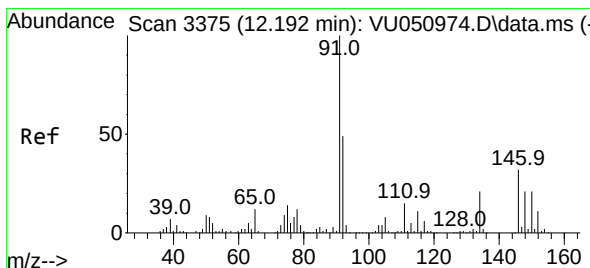
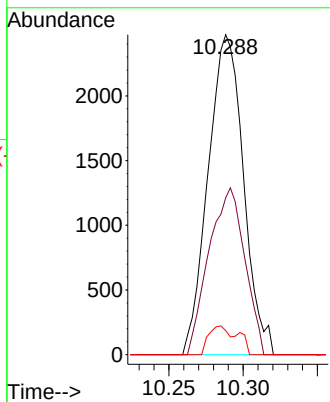
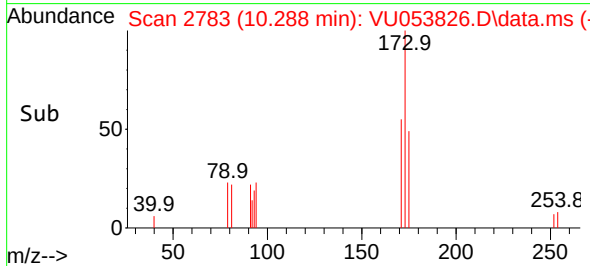
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:173 Resp: 409
Ion Ratio Lower Upper
173 100
175 52.9 39.0 58.6
254 7.3 7.4 11.0

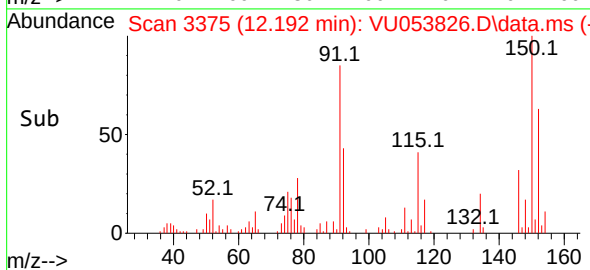
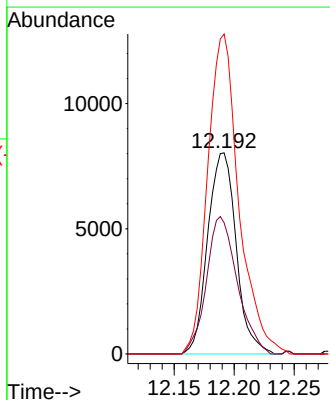
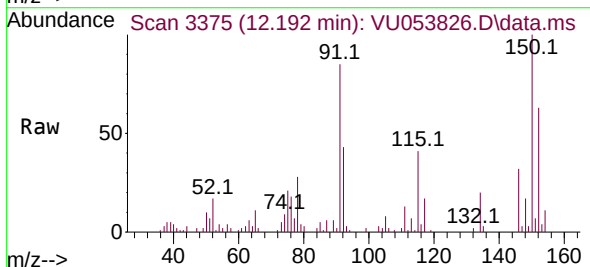
Manual Integrations
APPROVED

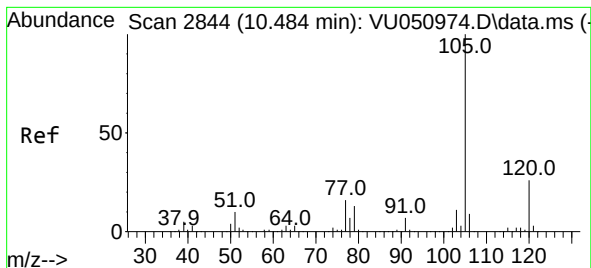
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#68
1,2-Dichlorobenzene-d4
Concen: 0.867 ug/l
RT: 12.192 min Scan# 3375
Delta R.T. 0.003 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22

Tgt Ion:152 Resp: 13268
Ion Ratio Lower Upper
152 100
115 73.9 0.0 308.8
150 173.9 0.0 635.0





#69

Isopropylbenzene

Concen: 1.006 ug/l

RT: 10.481 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU053826.D

Acq: 21 Apr 2023 15:22

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2023

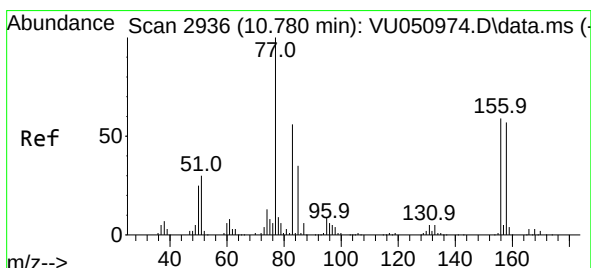
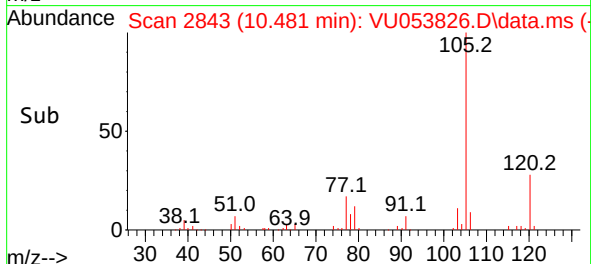
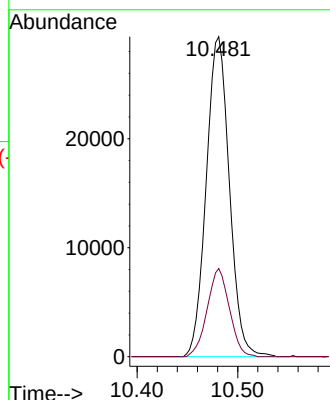
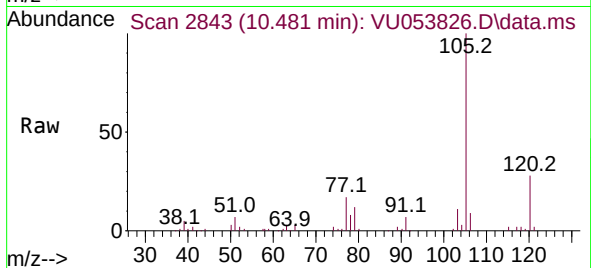
Tgt Ion:105 Resp: 4689
 Ion Ratio Lower Upper
 105 100
 120 26.4 12.8 38.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#70

1,1,2,2-Tetrachloroethane

Concen: 0.922 ug/l

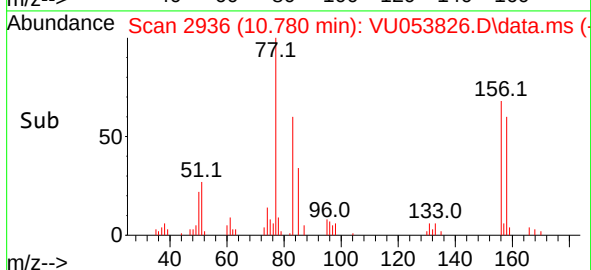
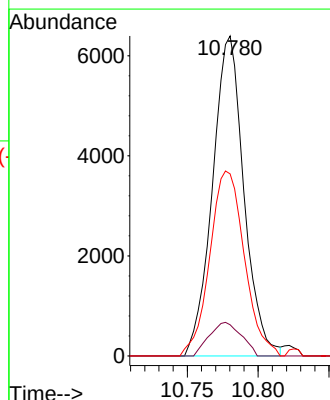
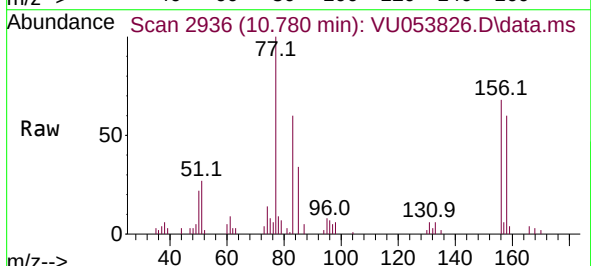
RT: 10.780 min Scan# 2936

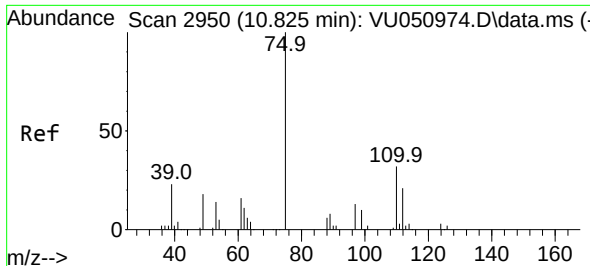
Delta R.T. 0.003 min

Lab File: VU053826.D

Acq: 21 Apr 2023 15:22

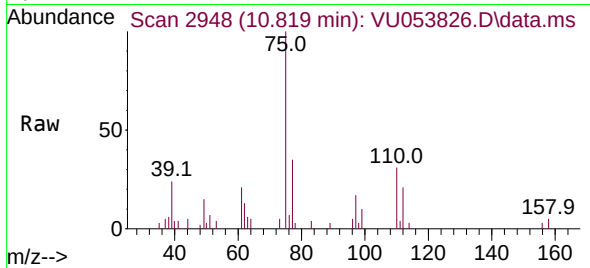
Tgt Ion: 83 Resp: 9872
 Ion Ratio Lower Upper
 83 100
 131 10.7 7.2 10.8
 85 63.6 50.5 75.7





#71
1,2,3-Trichloropropane
Concen: 0.662 ug/l m
RT: 10.819 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22

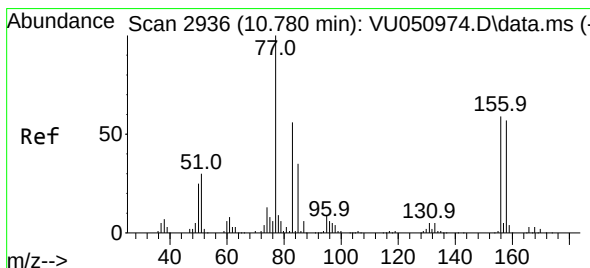
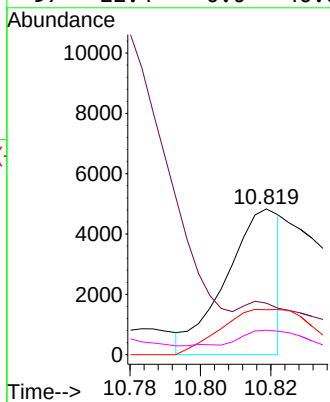
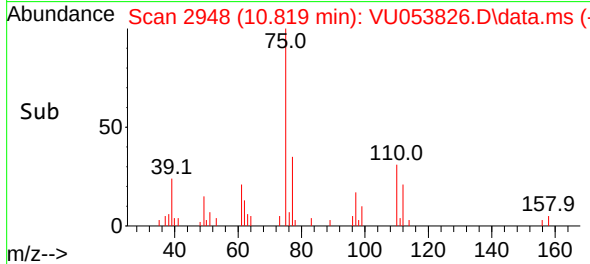
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:	75	Resp:	511
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	116.4
110	54.1	0.0	74.6
97	22.4	0.0	40.0

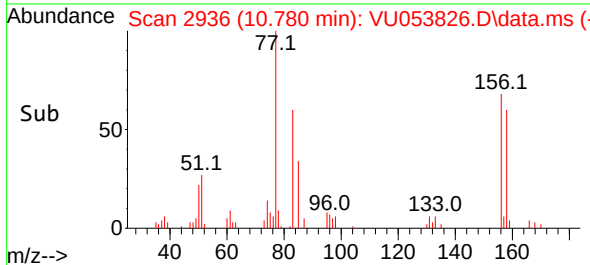
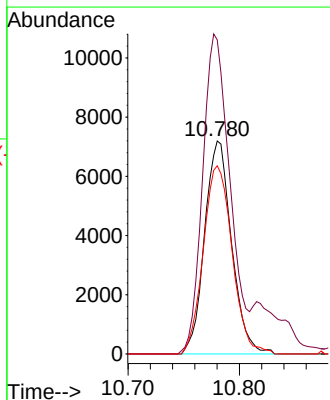
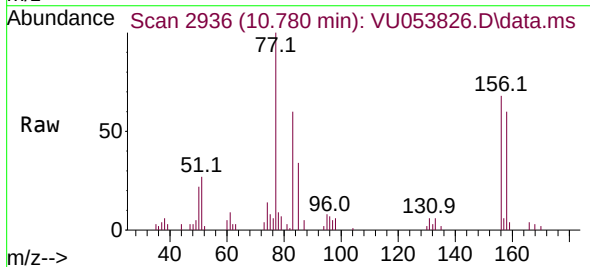
Manual Integrations
APPROVED

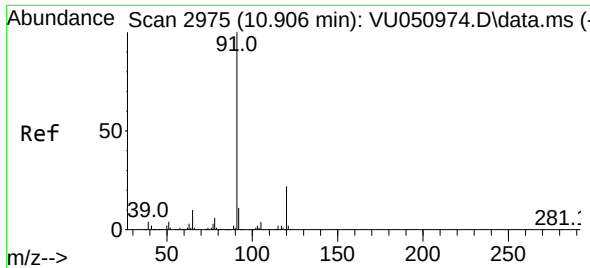
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#72
Bromobenzene
Concen: 1.014 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22

Tgt Ion:	156	Resp:	12126
Ion Ratio	Lower	Upper	
156	100		
77	152.2	0.0	343.0
158	94.4	0.0	194.8





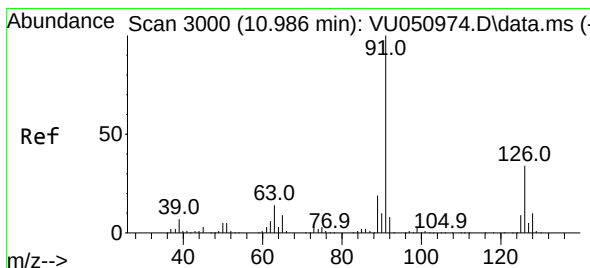
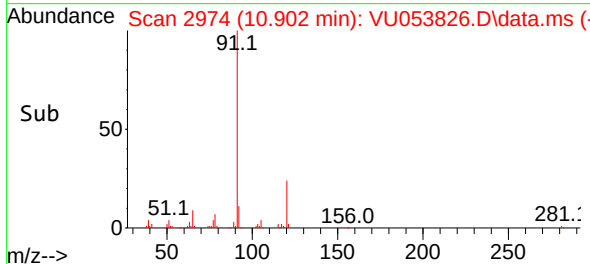
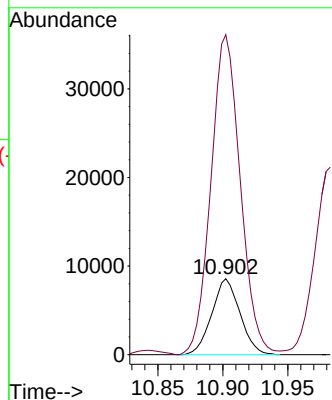
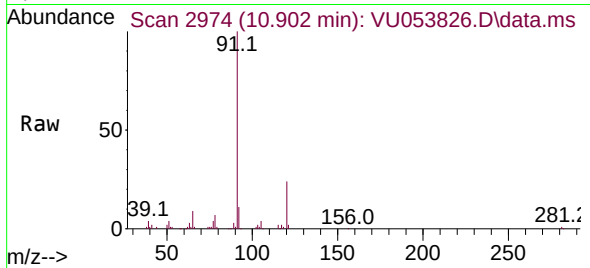
#73
n-propylbenzene
Concen: 0.997 ug/l
RT: 10.902 min Scan# 2974
Delta R.T. -0.000 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22

Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2023

Tgt Ion:120 Resp: 12900
Ion Ratio Lower Upper
120 100
91 439.9 369.8 554.6

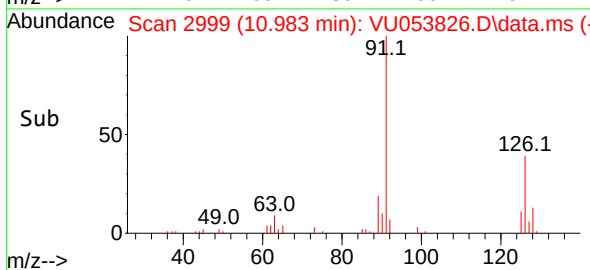
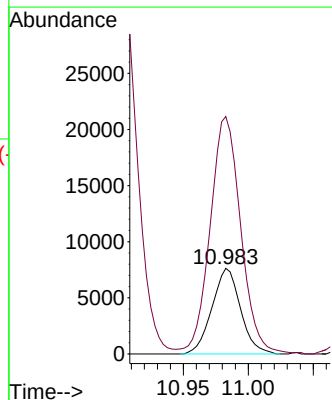
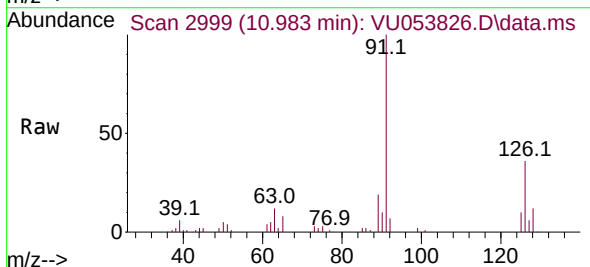
Manual Integrations
APPROVED

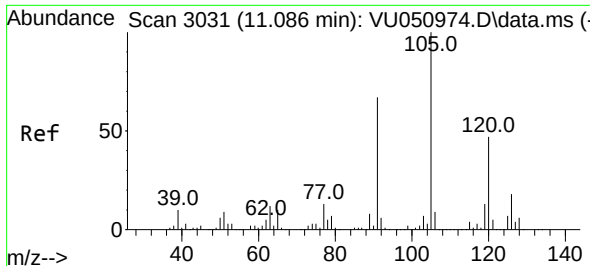
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#74
2-Chlorotoluene
Concen: 0.951 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. -0.000 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22

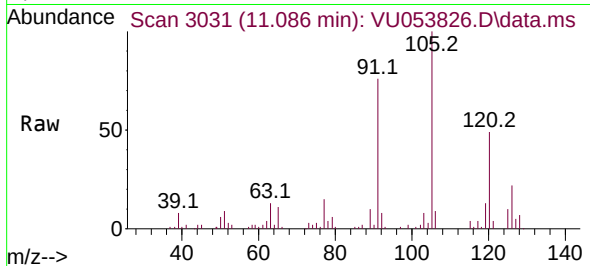
Tgt Ion:126 Resp: 11626
Ion Ratio Lower Upper
126 100
91 299.0 0.0 610.0





#75
1,3,5-Trimethylbenzene
Concen: 0.930 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22

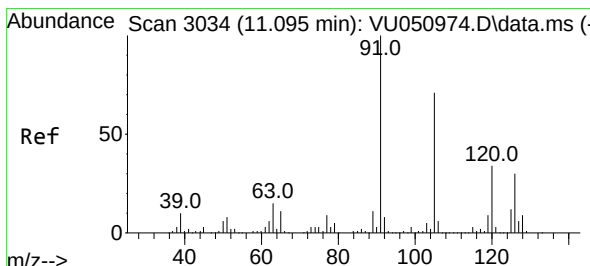
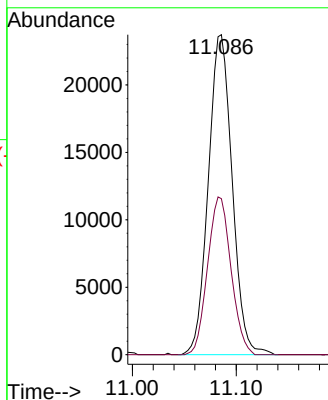
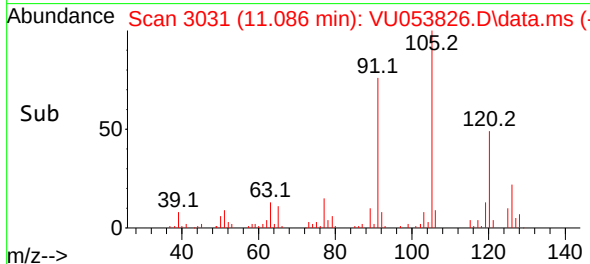
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023



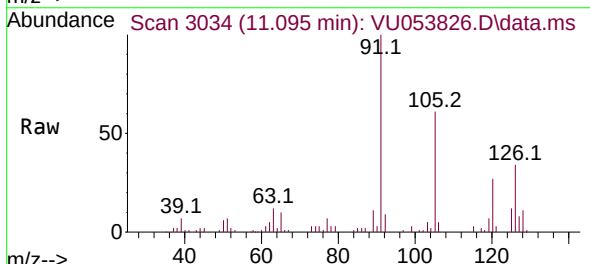
Tgt Ion:105 Resp: 3785
Ion Ratio Lower Upper
105 100
120 48.4 37.8 56.8

Manual Integrations
APPROVED

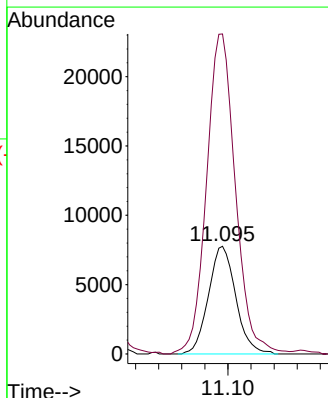
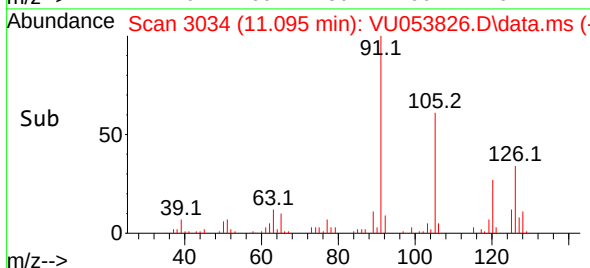
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

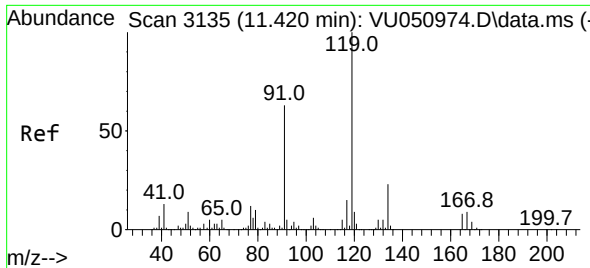


#76
4-Chlorotoluene
Concen: 1.025 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.003 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22



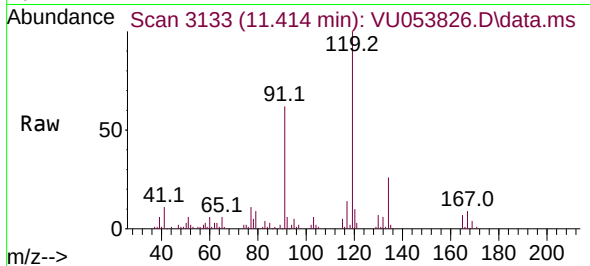
Tgt Ion:126 Resp: 12779
Ion Ratio Lower Upper
126 100
91 313.6 0.0 686.2





#77
tert-Butylbenzene
Concen: 0.966 ug/l
RT: 11.414 min Scan# 3133
Delta R.T. -0.003 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22

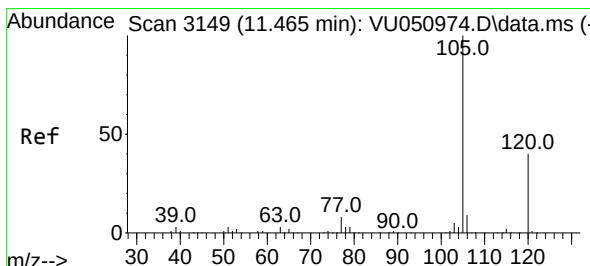
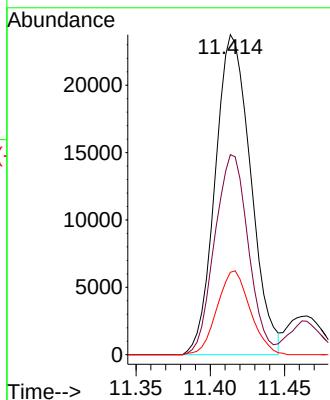
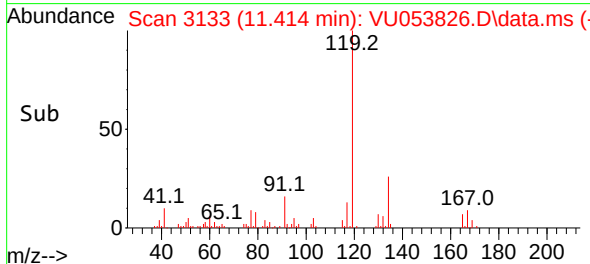
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023



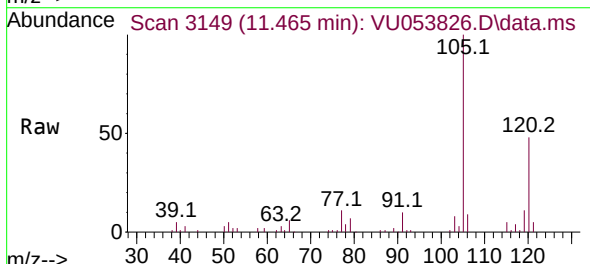
Tgt Ion:119 Resp: 39539
Ion Ratio Lower Upper
119 100
91 59.1 30.8 92.4
134 24.4 18.0 27.0

Manual Integrations
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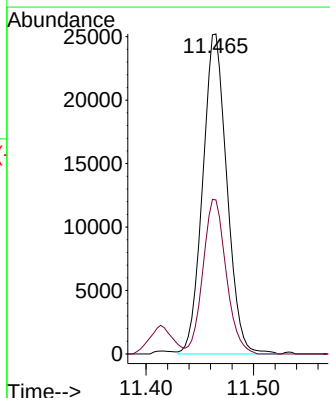
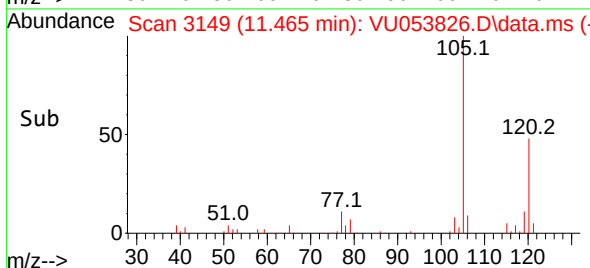
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

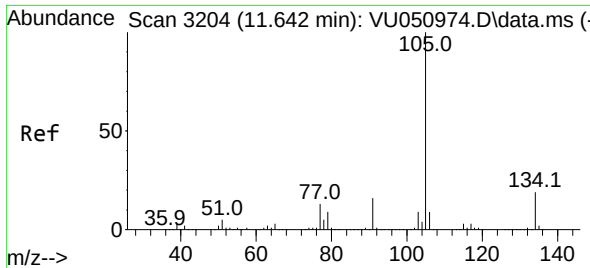


#78
1,2,4-Trimethylbenzene
Concen: 0.950 ug/l
RT: 11.465 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22



Tgt Ion:105 Resp: 39434
Ion Ratio Lower Upper
105 100
120 46.3 21.9 65.8





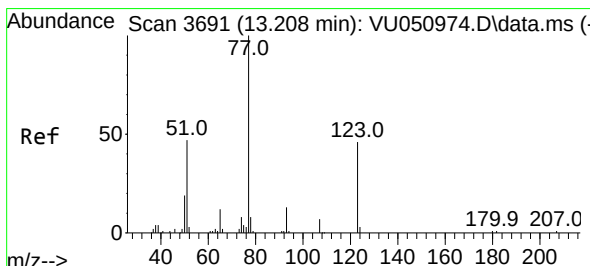
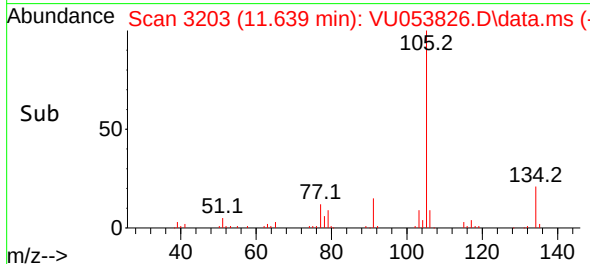
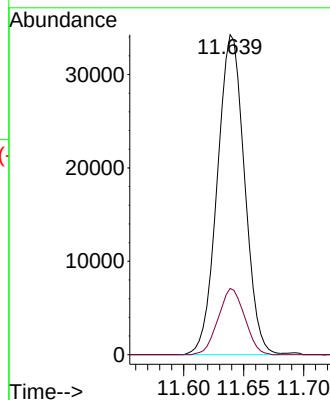
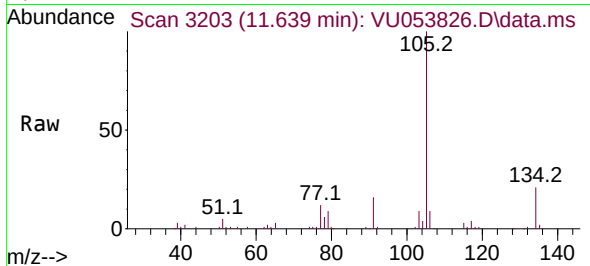
#79
 sec-Butylbenzene
 Concen: 0.982 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU053826.D
 Acq: 21 Apr 2023 15:22

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2023

Tgt Ion:105 Resp: 5404
 Ion Ratio Lower Upper
 105 100
 134 20.1 14.9 22.3

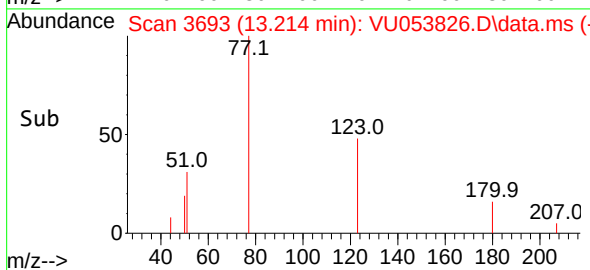
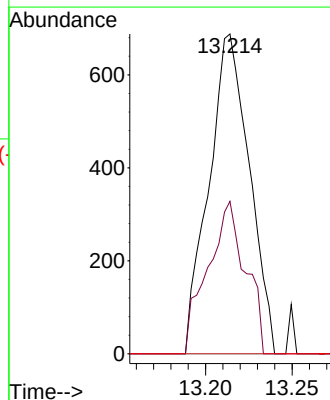
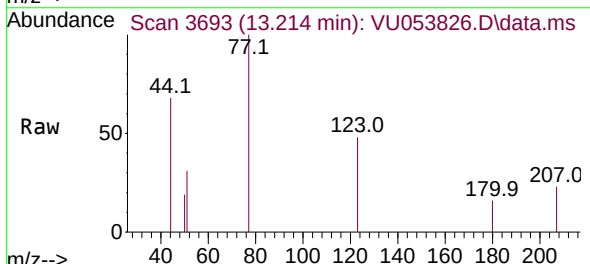
Manual Integrations
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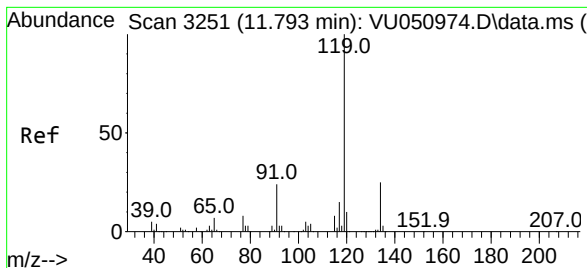
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023



#80
 Nitrobenzene
 Concen: 3.298 ug/l
 RT: 13.214 min Scan# 3693
 Delta R.T. 0.013 min
 Lab File: VU053826.D
 Acq: 21 Apr 2023 15:22

Tgt Ion: 77 Resp: 1118
 Ion Ratio Lower Upper
 77 100
 123 44.5 19.7 69.7
 65 0.0 11.5 14.7#





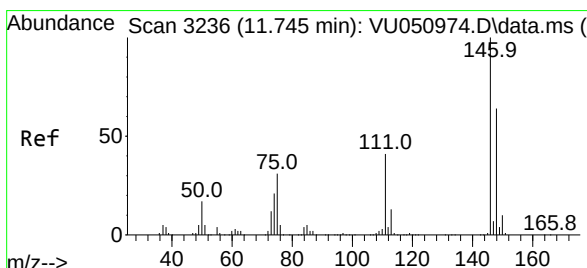
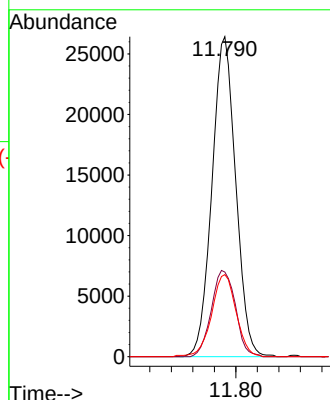
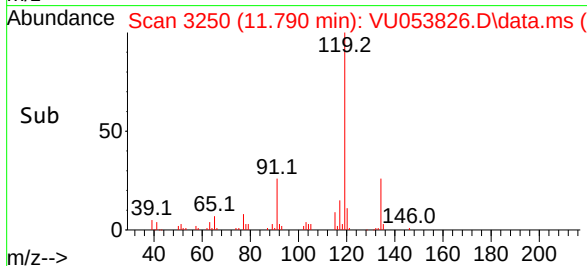
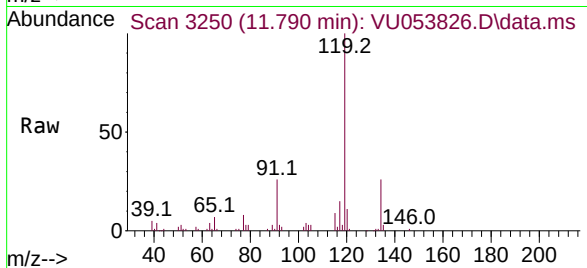
#81
p-Isopropyltoluene
Concen: 0.896 ug/l
RT: 11.790 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22

Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023

Tgt Ion:119 Resp: 40410
Ion Ratio Lower Upper
119 100
134 27.3 20.2 30.4
91 26.5 19.3 28.9

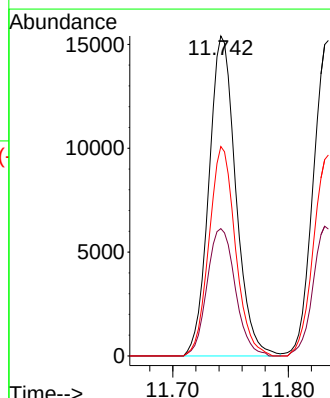
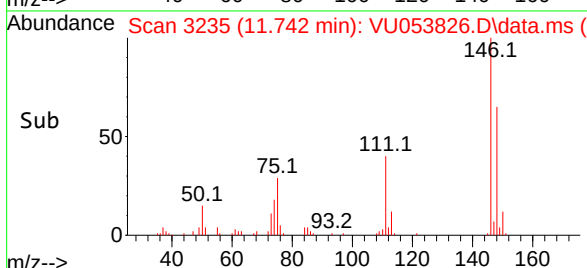
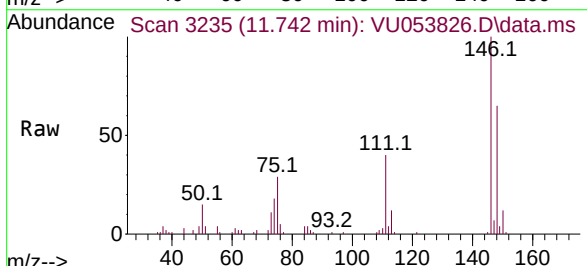
Manual Integrations
APPROVED

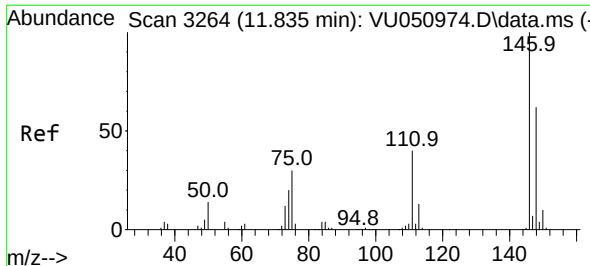
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#82
1,3-Dichlorobenzene
Concen: 0.975 ug/l
RT: 11.742 min Scan# 3235
Delta R.T. -0.000 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22

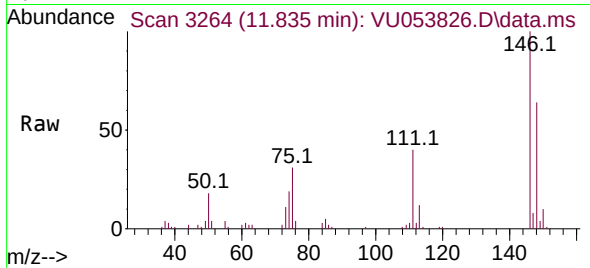
Tgt Ion:146 Resp: 24947
Ion Ratio Lower Upper
146 100
111 41.5 32.6 49.0
148 64.1 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 0.993 ug/l
RT: 11.835 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22

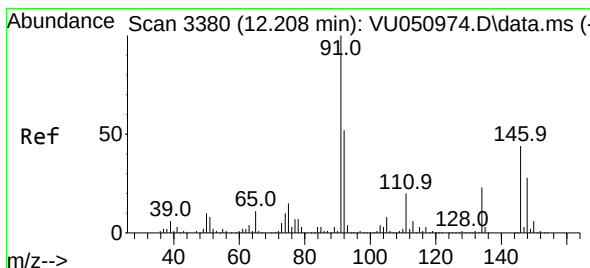
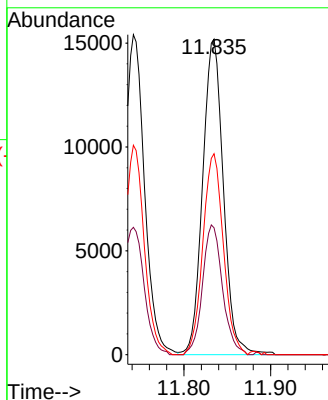
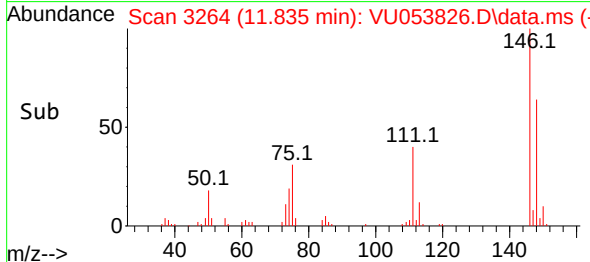
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023



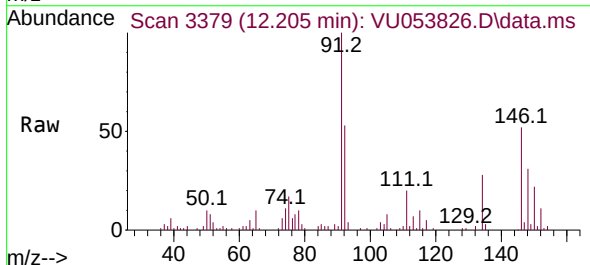
Tgt Ion:146 Resp: 25330
Ion Ratio Lower Upper
146 100
111 39.5 31.6 47.4
148 62.9 50.3 75.5

Manual Integrations
APPROVED

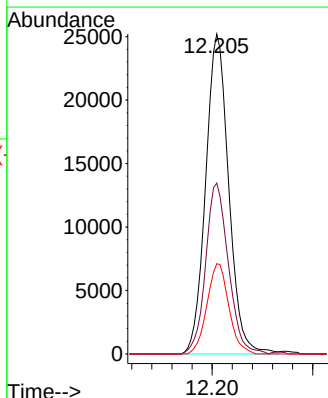
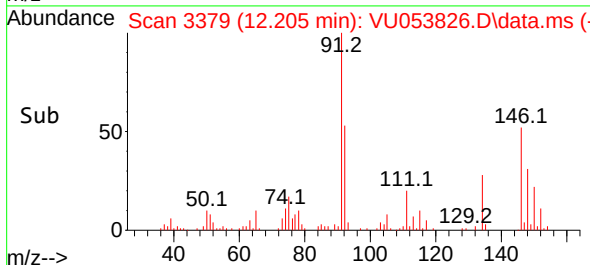
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

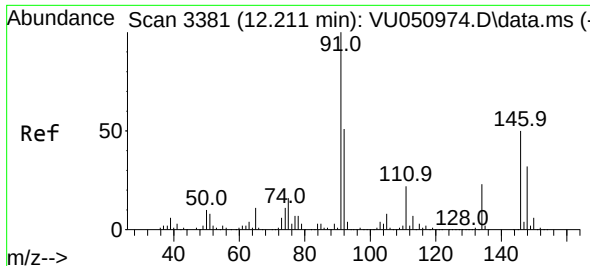


#84
n-Butylbenzene
Concen: 1.168 ug/l
RT: 12.205 min Scan# 3379
Delta R.T. -0.000 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22



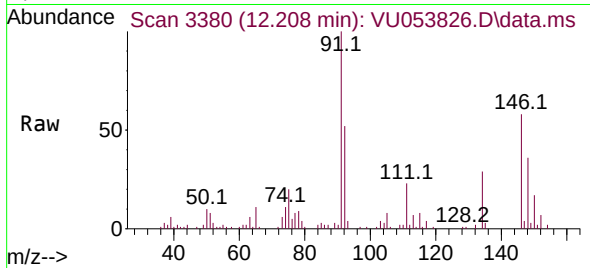
Tgt Ion: 91 Resp: 40110
Ion Ratio Lower Upper
91 100
92 52.7 40.8 61.2
134 26.8 18.4 27.6





#85
1,2-Dichlorobenzene
Concen: 0.950 ug/l
RT: 12.208 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22

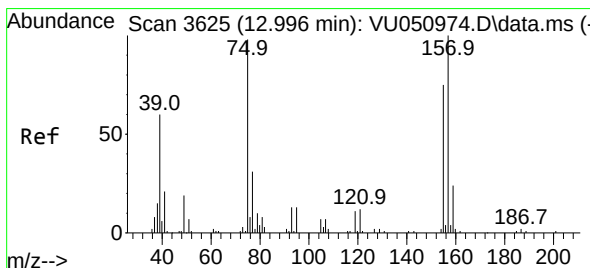
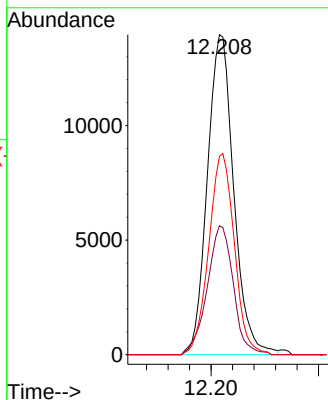
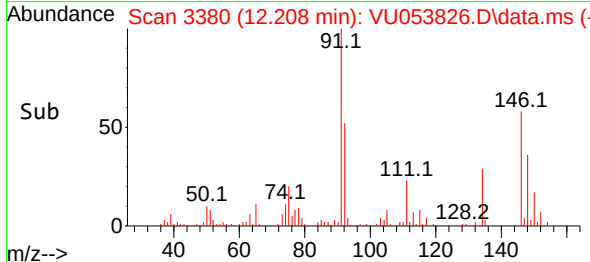
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:146 Resp: 2376
Ion Ratio Lower Upper
146 100
111 39.9 21.6 64.6
148 61.0 32.1 96.5

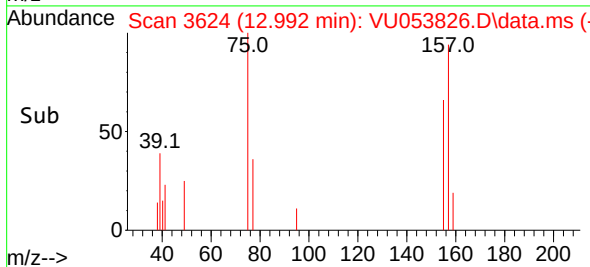
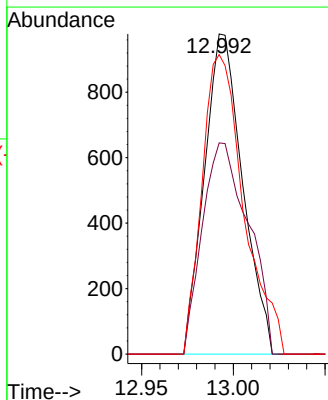
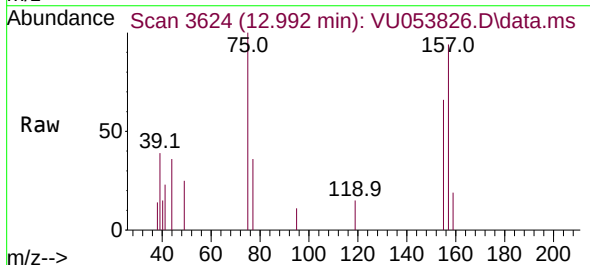
Manual Integrations
APPROVED

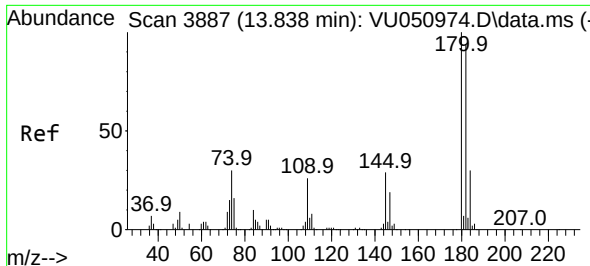
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.939 ug/l
RT: 12.992 min Scan# 3624
Delta R.T. -0.000 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22

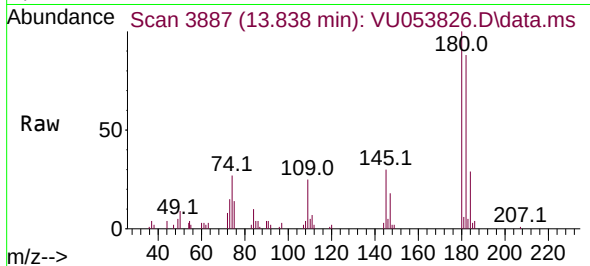
Tgt Ion: 75 Resp: 1415
Ion Ratio Lower Upper
75 100
155 79.4 61.8 92.8
157 102.1 80.2 120.4





#87
1,2,4-Trichlorobenzene
Concen: 0.907 ug/l
RT: 13.838 min Scan# 3887
Delta R.T. 0.003 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22

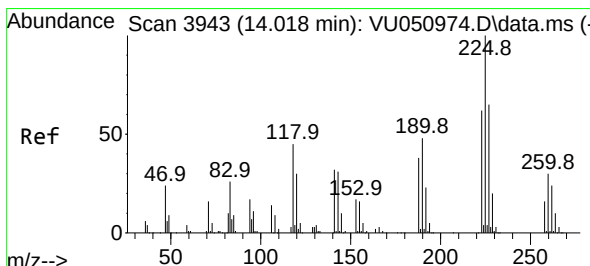
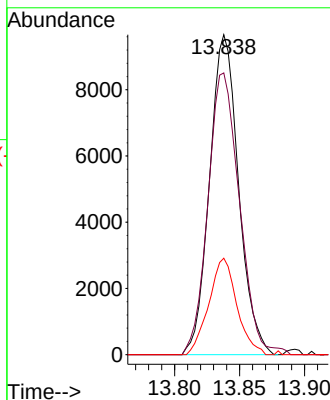
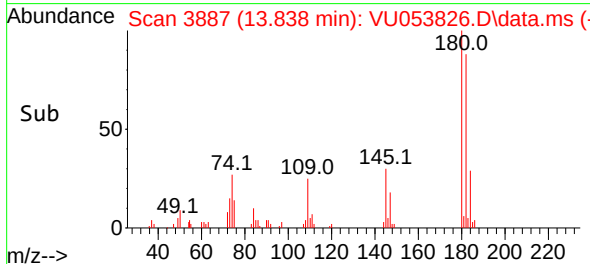
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023



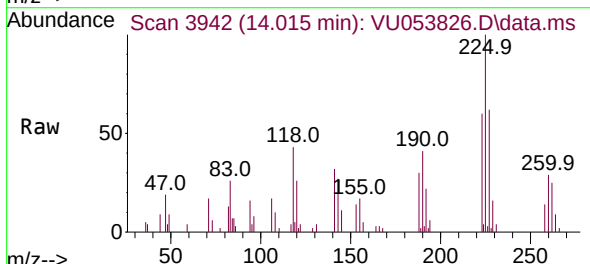
Tgt Ion:180 Resp: 14990
Ion Ratio Lower Upper
180 100
182 95.5 75.8 113.6
145 29.1 23.9 35.9

Manual Integrations
APPROVED

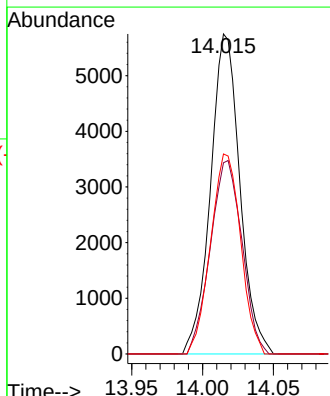
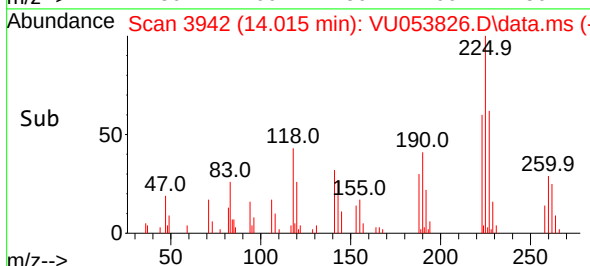
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

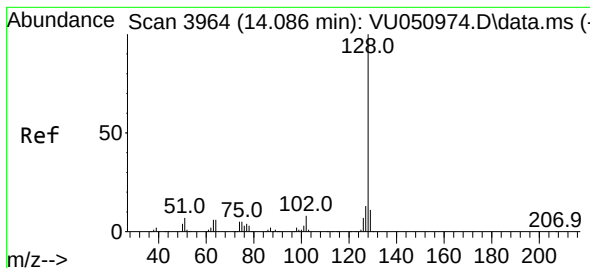


#88
Hexachlorobutadiene
Concen: 0.940 ug/l
RT: 14.015 min Scan# 3942
Delta R.T. -0.003 min
Lab File: VU053826.D
Acq: 21 Apr 2023 15:22



Tgt Ion:225 Resp: 8285
Ion Ratio Lower Upper
225 100
223 64.9 50.2 75.4
227 64.0 51.5 77.3





#89

Naphthalene

Concen: 0.885 ug/l

RT: 14.085 min Scan# 3964

Delta R.T. 0.003 min

Lab File: VU053826.D

Acq: 21 Apr 2023 15:22

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2023

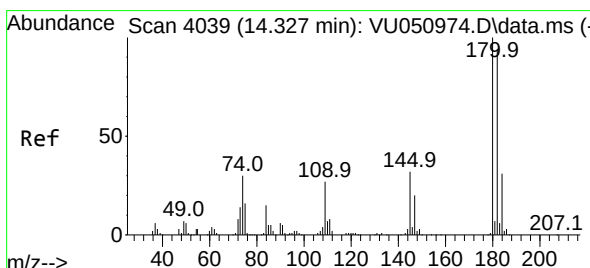
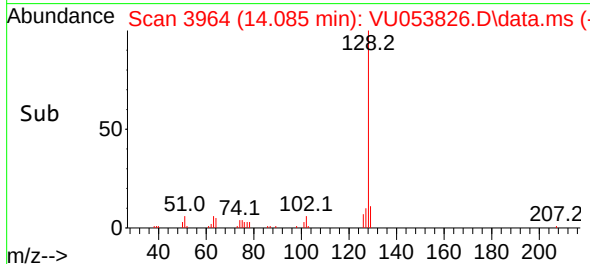
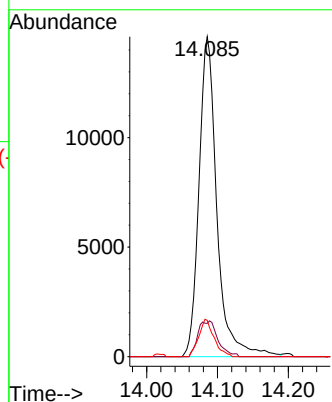
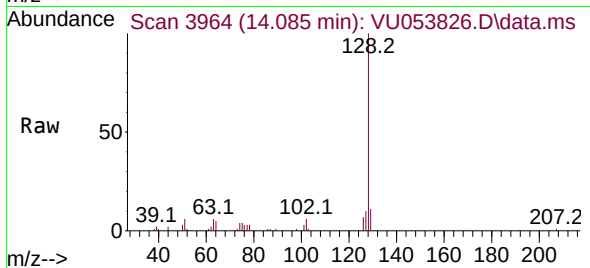
Tgt Ion:128	Resp:	25620
Ion Ratio	Lower	Upper
128	100	
127	12.4	10.9 16.3
129	10.0	8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#90

1,2,3-Trichlorobenzene

Concen: 0.891 ug/l

RT: 14.327 min Scan# 4039

Delta R.T. 0.003 min

Lab File: VU053826.D

Acq: 21 Apr 2023 15:22

Tgt Ion:180	Resp:	14002
Ion Ratio	Lower	Upper
180	100	
182	92.0	75.7 113.5
145	32.3	26.1 39.1

