

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082222\
 Data File : VU050405.D
 Acq On : 22 Aug 2022 18:57
 Operator : SY/MD
 Sample : N3980-07 0.5ppb
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2022

Quant Time: Aug 23 09:10:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Aug 23 09:08:23 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/27/2022
 Supervised By :Mahesh Dadoda 09/12/2022

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

Internal Standards						
1) Fluorobenzene	6.115	96	32631	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	9302	0.837	ug/l	0.00
Spiked Amount 1.000			Recovery	=	84.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	12330	0.939	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	11006	0.814	ug/l	91
3) Chloromethane	1.520	50	14963	0.910	ug/l	89
4) Vinyl Chloride	1.604	62	11975	0.852	ug/l	94
5) Bromomethane	1.858	94	3306	0.575	ug/l	94
6) Chloroethane	1.932	64	7602	0.895	ug/l	99
7) Trichlorofluoromethane	2.137	101	14737	0.841	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	7759	0.791	ug/l	99
9) 1,1-Dichloroethene	2.581	96	8349	0.869	ug/l	99
10) Iodomethane	2.723	142	2350	0.297	ug/l	88
11) Allyl Chloride	2.922	41	12694	0.857	ug/l	96
12) Acrylonitrile	3.330	53	3785	1.313	ug/l	93
13) Acetone	2.636	43	6858	3.402	ug/l	91
14) Carbon Disulfide	2.793	76	25493	0.856	ug/l	99
15) Methylene Chloride	3.047	84	11922	0.917	ug/l	97
16) trans-1,2-Dichloroethene	3.353	96	8573	0.863	ug/l	97
17) 1,1-Dichloroethane	3.874	63	18585	0.898	ug/l	99
18) 2-Butanone	4.732	43	10234	3.228	ug/l	98
19) Cyclohexane	5.369	56	9582m	0.638	ug/l	
20) Methylcyclohexane	6.768	83	8096	0.684	ug/l	96
21) 2,2-Dichloropropane	4.658	77	12371	0.787	ug/l	96
22) cis-1,2-Dichloroethene	4.662	96	10059	0.895	ug/l	96
23) Diethyl Ether	2.379	59	6982	0.846	ug/l	95
24) tert-Butyl Alcohol	3.205	59	7012	8.030	ug/l #	83
25) Methyl tert-Butyl Ether	3.375	73	20876	0.818	ug/l	97
26) Bromochloromethane	4.970	128	3826	0.849	ug/l	88
27) Chloroform	5.083	83	18110	0.903	ug/l	96
28) 1,1,1-Trichloroethane	5.305	97	12770	0.747	ug/l	96
29) 1,1-Dichloropropene	5.517	75	9608	0.701	ug/l	99
30) Carbon Tetrachloride	5.510	117	10760	0.786	ug/l	96
31) Isopropyl Ether	4.009	45	29313	0.913	ug/l	95
32) Ethyl-t-butyl ether	4.517	59	20325	0.806	ug/l	98
33) Tert-Amyl methyl ether	5.957	73	9956	0.606	ug/l #	83
34) Propionitrile	4.806	54	3895	4.159	ug/l #	86
35) Benzene	5.768	78	31933	0.793	ug/l	99
36) 1,2-Dichloroethane	5.797	62	10303	0.838	ug/l	98
37) Trichloroethene	6.552	130	7813	0.809	ug/l	91
38) 1,2-Dichloropropane	6.806	63	9331	0.863	ug/l	92
39) Methacrylonitrile	4.989	41	3567	0.928	ug/l #	88
40) Methyl acrylate	4.861	55	6234m	1.065	ug/l	
41) Tetrahydrofuran	5.073	42	3596	1.869	ug/l	93
42) 1-Chlorobutane	5.449	56	13610	0.697	ug/l	98
43) Dibromomethane	6.935	93	4980	0.854	ug/l	94
44) Bromodichloromethane	7.118	83	11741	0.854	ug/l #	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.816	43	20068	3.430	ug/l	95
46) t-1,4-Dichloro-2-butene	10.832	75	4295m	1.454	ug/l	
47) Methyl methacrylate	6.986	69	5930	1.359	ug/l	95
48) Ethyl methacrylate	8.349	69	4681	0.589	ug/l	99
49) Toluene	7.980	92	14587	0.674	ug/l	91
50) t-1,3-Dichloropropene	8.221	75	7634	0.713	ug/l	92
51) cis-1,3-Dichloropropene	7.616	75	9594	0.783	ug/l	98
52) 1,1,2-Trichloroethane	8.411	97	7130	0.832	ug/l	98
53) 1,3-Dichloropropane	8.584	76	10599	0.786	ug/l	100
54) 2-Hexanone	8.703	43	12686	3.114	ug/l	93
55) Dibromochloromethane	8.816	129	7779	0.826	ug/l	97
56) 1,2-Dibromoethane	8.931	107	5667	0.737	ug/l	100
58) Tetrachloroethene	8.555	164	7273	0.800	ug/l	96
59) Chlorobenzene	9.452	112	18062	0.773	ug/l	96
60) 1,1,1,2-Tetrachloroethane	9.539	131	8127	0.828	ug/l	99
61) Pentachloroethane	11.430	117	6876	0.842	ug/l	86
62) Hexachloroethane	12.478	117	5512	0.811	ug/l	92
63) Ethyl Benzene	9.574	91	23151	0.623	ug/l	97
64) m/p-Xylenes	9.697	106	17275	1.191	ug/l	96
65) o-Xylene	10.105	106	8755	0.634	ug/l	96
66) Styrene	10.118	104	13714	0.584	ug/l	96
67) Bromoform	10.298	173	4319	0.807	ug/l	98
69) Isopropylbenzene	10.488	105	22846	0.636	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.787	83	9260	0.786	ug/l	98
71) 1,2,3-Trichloropropane	10.825	75	5462m	0.616	ug/l	
72) Bromobenzene	10.787	156	7709	0.765	ug/l	90
73) n-propylbenzene	10.909	120	5951	0.609	ug/l	98
74) 2-Chlorotoluene	10.989	126	5988	0.631	ug/l	95
75) 1,3,5-Trimethylbenzene	11.092	105	17878	0.563	ug/l	96
76) 4-Chlorotoluene	11.102	126	6297	0.648	ug/l	68
77) tert-Butylbenzene	11.423	119	20652	0.661	ug/l	93
78) 1,2,4-Trimethylbenzene	11.472	105	17611	0.538	ug/l	97
79) sec-Butylbenzene	11.645	105	24812	0.605	ug/l	99
80) Nitrobenzene	13.224	77	3023	4.727	ug/l #	92
81) p-Isopropyltoluene	11.796	119	19002	0.581	ug/l	97
82) 1,3-Dichlorobenzene	11.751	146	15565	0.750	ug/l	95
83) 1,4-Dichlorobenzene	11.838	146	14876	0.721	ug/l	98
84) n-Butylbenzene	12.211	91	19084	0.617	ug/l	94
85) 1,2-Dichlorobenzene	12.214	146	14855	0.728	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	13.002	75	1524	0.819	ug/l	88
87) 1,2,4-Trichlorobenzene	13.844	180	8290	0.712	ug/l	98
88) Hexachlorobutadiene	14.021	225	5855	0.773	ug/l	98
89) Naphthalene	14.092	128	16089	0.627	ug/l	99
90) 1,2,3-Trichlorobenzene	14.333	180	8202	0.669	ug/l	99

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

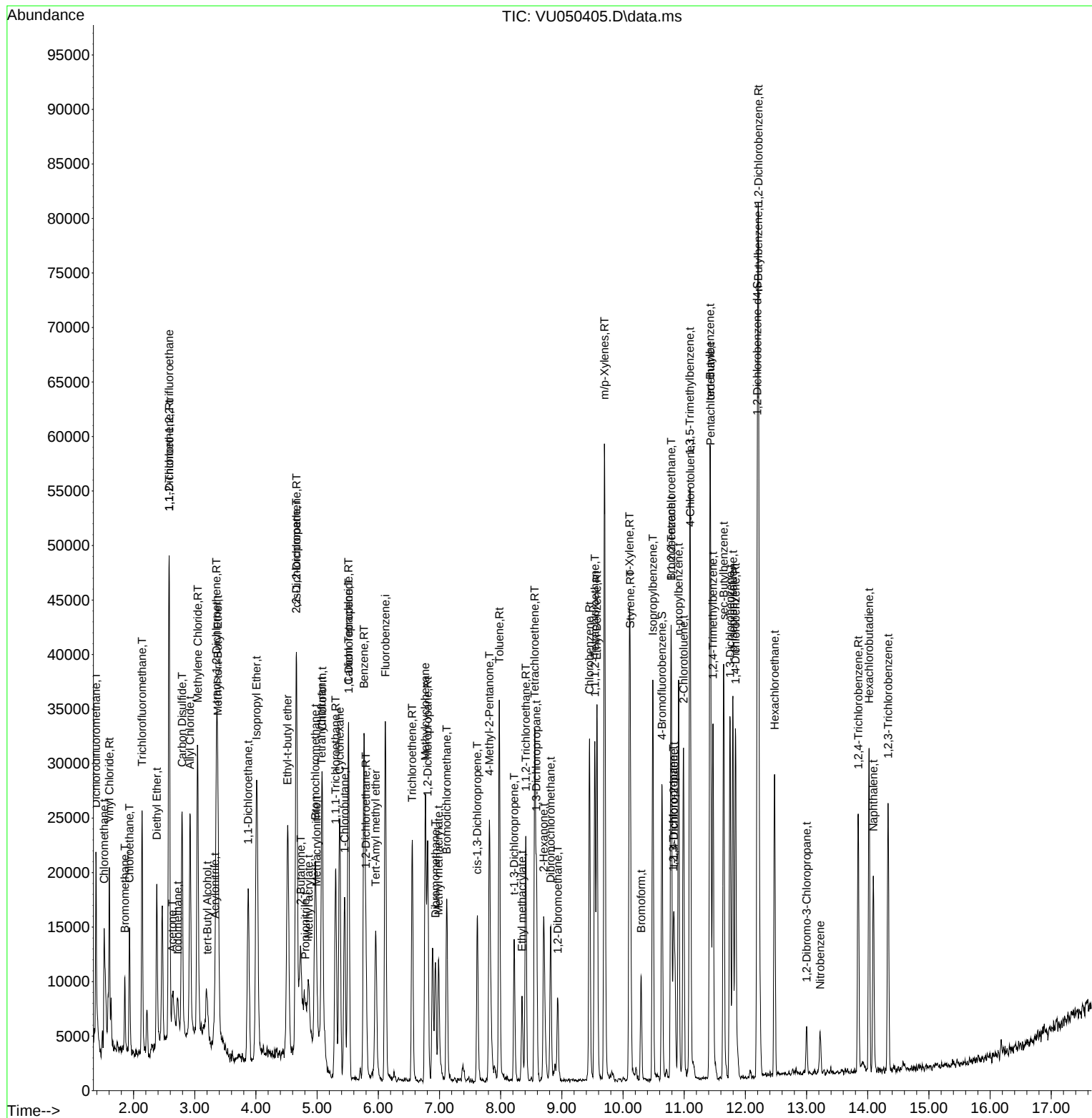
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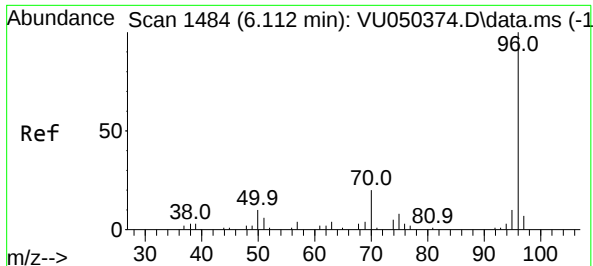
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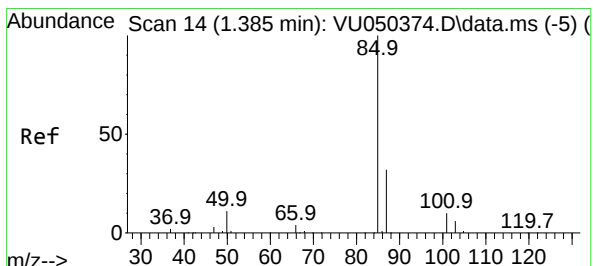
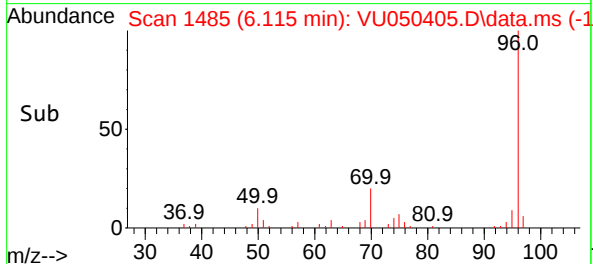
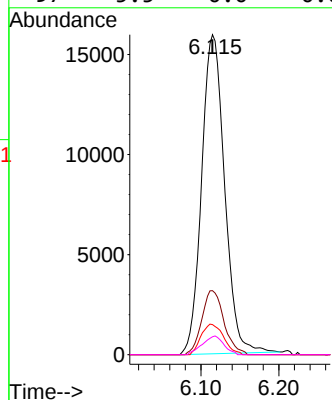
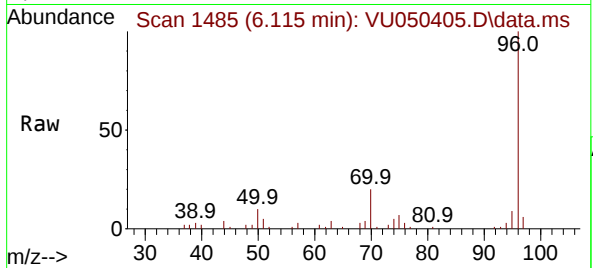
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Fluorobenzene
Concen: 1.000 ug/l
RT: 6.115 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU050405.D
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Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 96	Resp: 3263
Ion Ratio	Lower Upper
96 100	
70 19.4	16.7 25.1
95 9.4	7.4 11.0
97 5.5	0.0 0.0

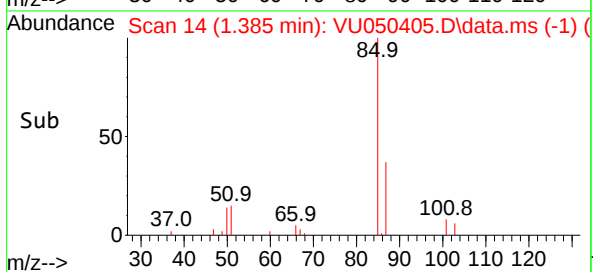
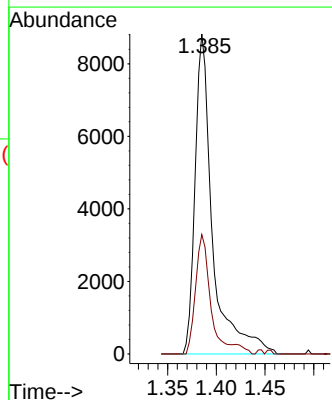
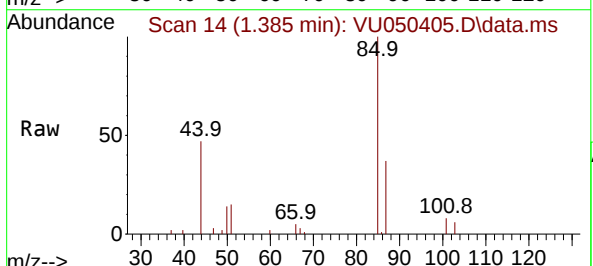
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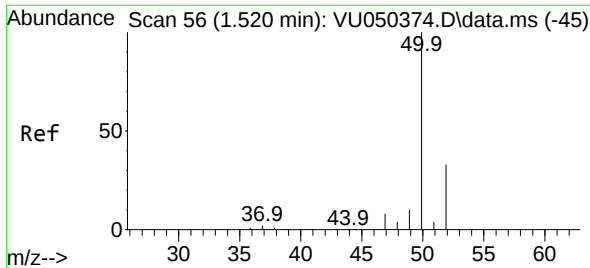
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#2
Dichlorodifluoromethane
Concen: 0.814 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57

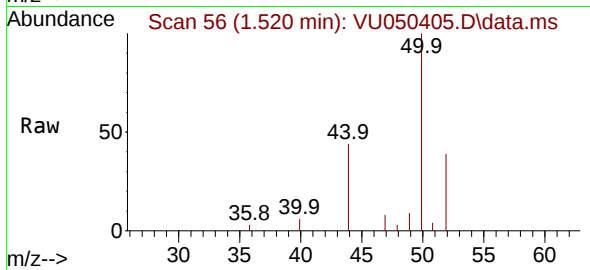
Tgt Ion: 85	Resp: 11006
Ion Ratio	Lower Upper
85 100	
87 37.3	16.3 48.8





#3
Chloromethane
Concen: 0.910 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57

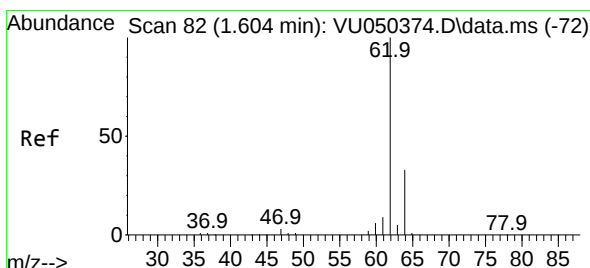
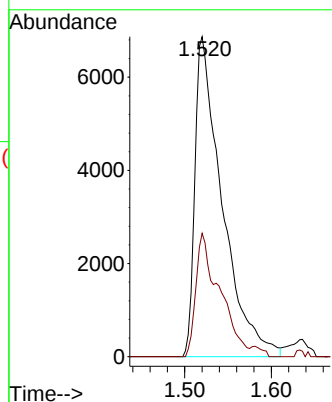
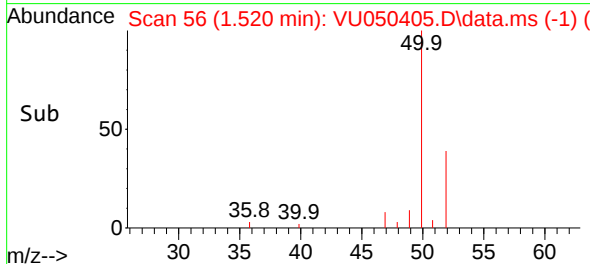
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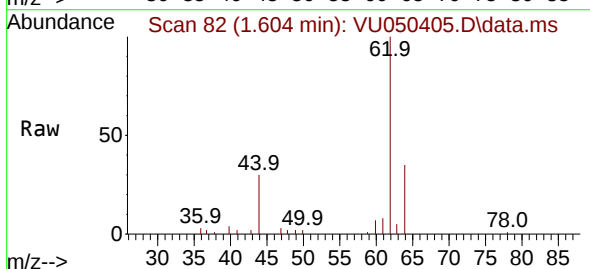
Tgt Ion: 50 Resp: 1496
Ion Ratio Lower Upper
50 100
52 38.6 26.1 39.1

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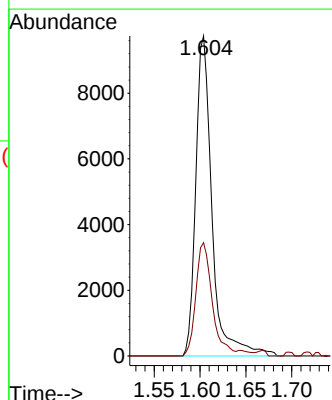
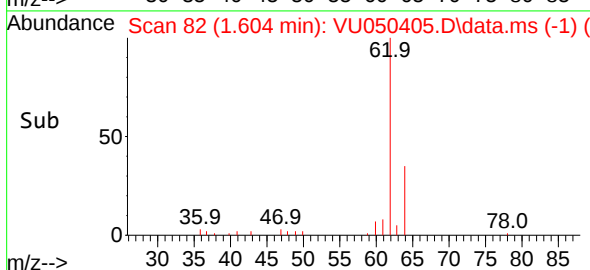
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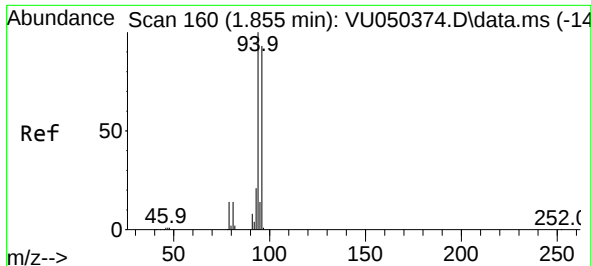


#4
Vinyl Chloride
Concen: 0.852 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57



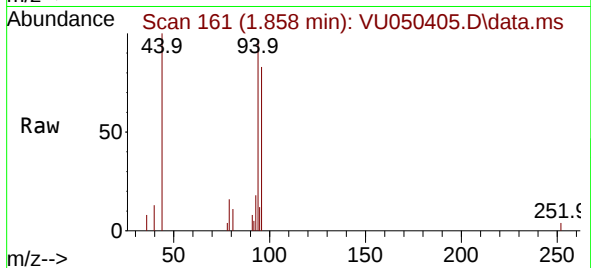
Tgt Ion: 62 Resp: 11975
Ion Ratio Lower Upper
62 100
64 35.4 25.5 38.3





#5
Bromomethane
Concen: 0.575 ug/l
RT: 1.858 min Scan# 161
Delta R.T. 0.007 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57

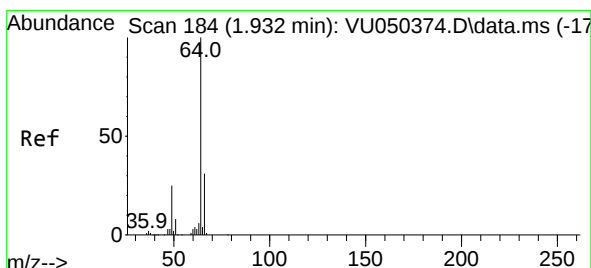
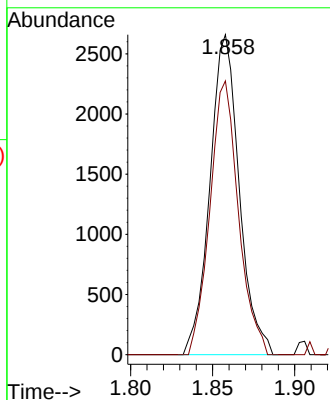
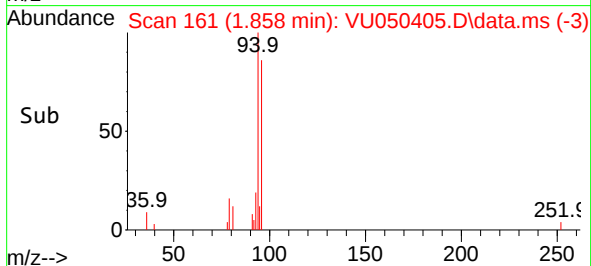
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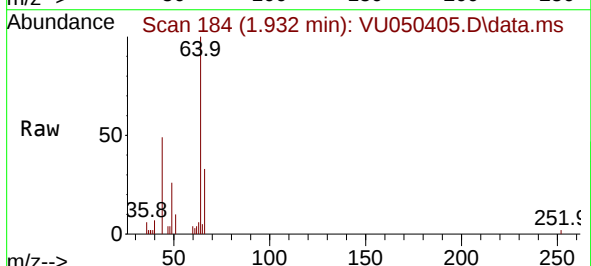
Tgt Ion: 94 Resp: 3300
Ion Ratio Lower Upper
94 100
96 85.6 73.0 109.6

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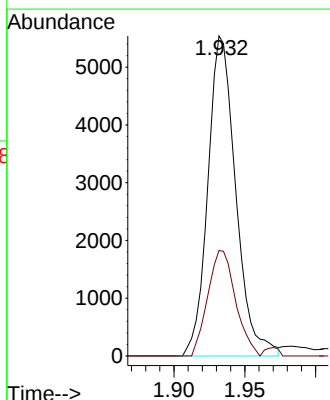
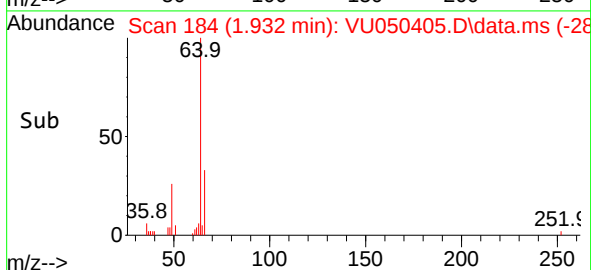
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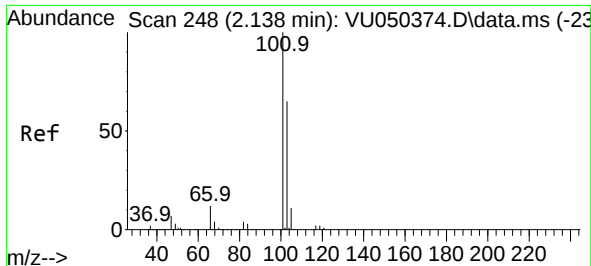


#6
Chloroethane
Concen: 0.895 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU050405.D
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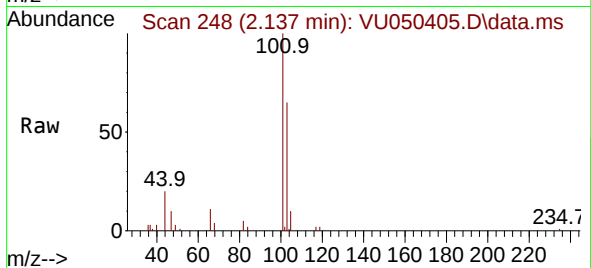
Tgt Ion: 64 Resp: 7602
Ion Ratio Lower Upper
64 100
66 33.0 25.8 38.6





#7
 Trichlorofluoromethane
 Concen: 0.841 ug/l
 RT: 2.137 min Scan# 248
 Delta R.T. 0.000 min
 Lab File: VU050405.D
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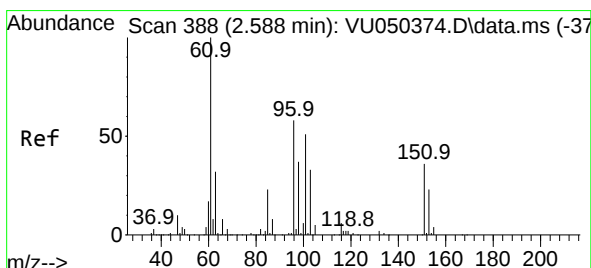
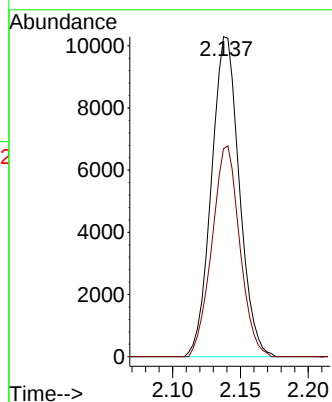
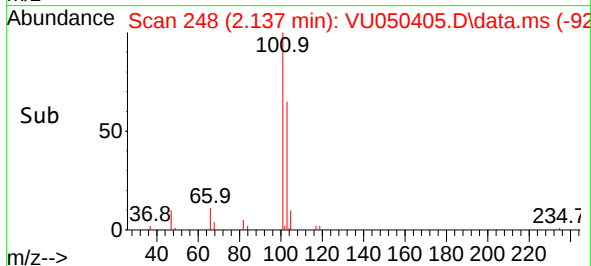
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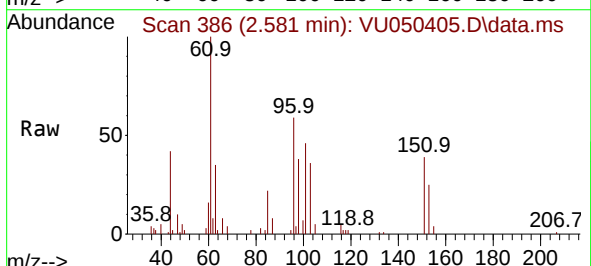
Tgt Ion:101 Resp: 1473
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.8 77.6

Manual Integrations
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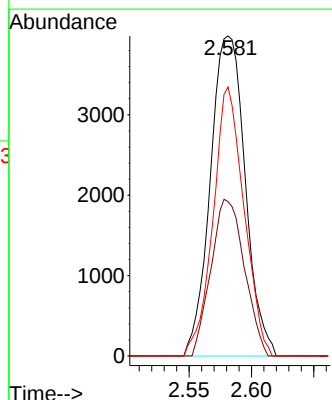
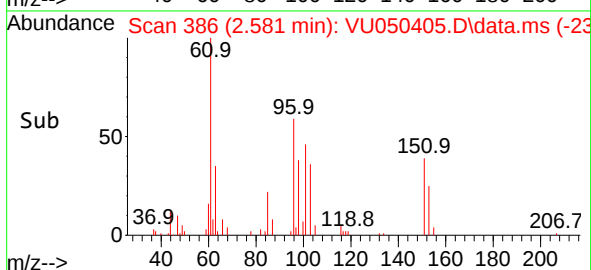
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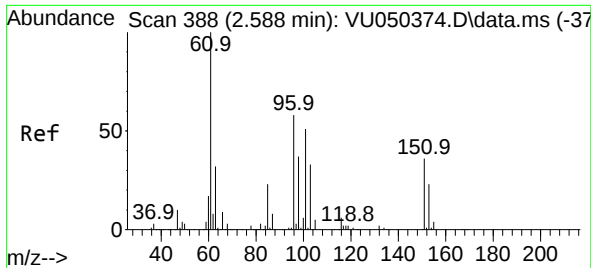


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.791 ug/l
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU050405.D
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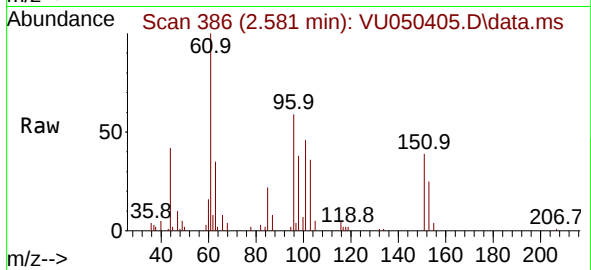
Tgt Ion:101 Resp: 7759
 Ion Ratio Lower Upper
 101 100
 85 46.8 36.4 54.6
 151 74.4 59.1 88.7





#9
1,1-Dichloroethene
Concen: 0.869 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.003 min
Lab File: VU050405.D
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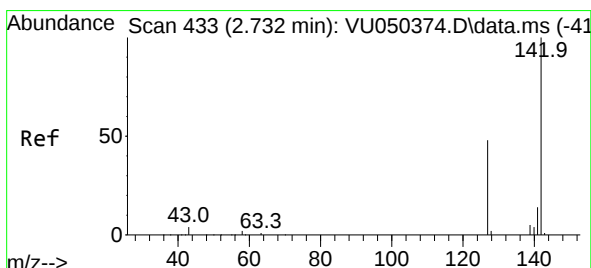
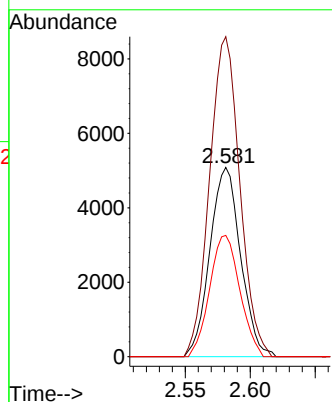
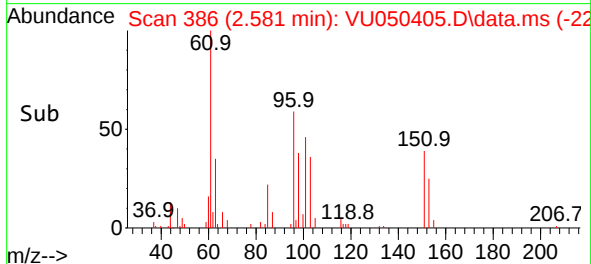
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2022



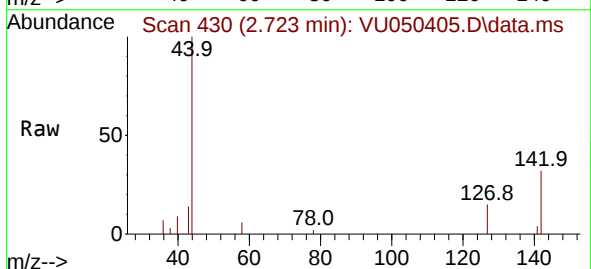
Tgt Ion: 96 Resp: 8349
Ion Ratio Lower Upper
96 100
61 169.1 0.0 510.6
98 64.1 0.0 124.6

Manual Integrations
APPROVED

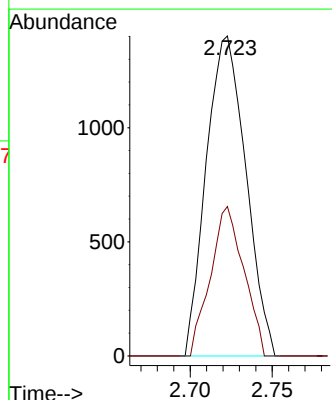
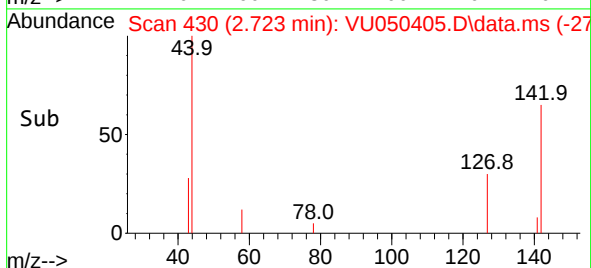
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022

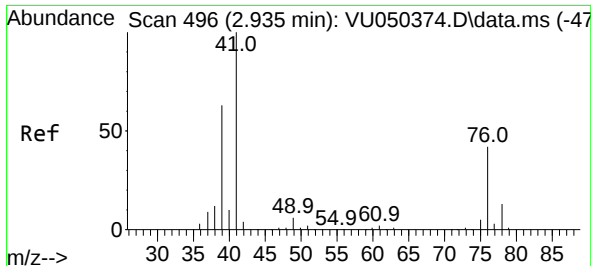


#10
Iodomethane
Concen: 0.297 ug/l
RT: 2.723 min Scan# 430
Delta R.T. 0.003 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57



Tgt Ion:142 Resp: 2350
Ion Ratio Lower Upper
142 100
127 39.4 38.2 57.2





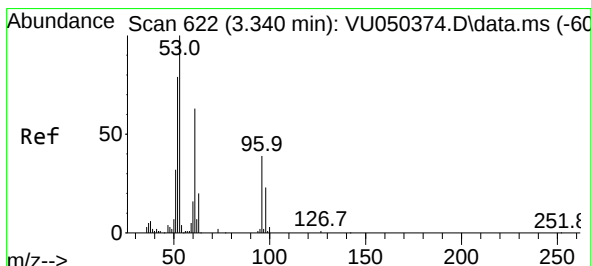
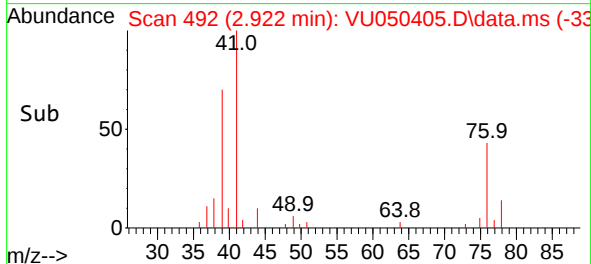
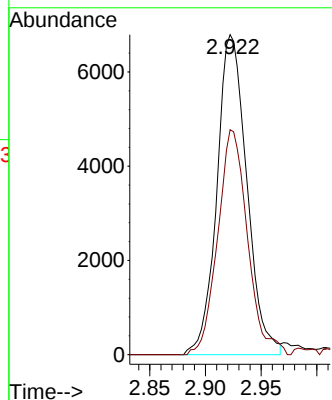
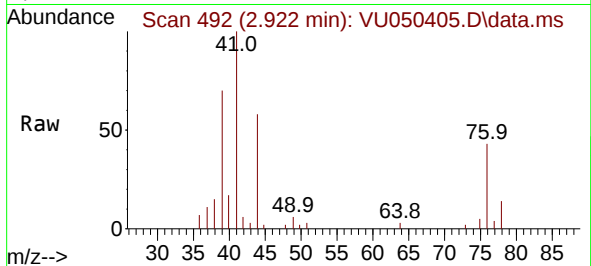
#11
 Allyl Chloride
 Concen: 0.857 ug/l
 RT: 2.922 min Scan# 496
 Delta R.T. 0.000 min
 Lab File: VU050405.D
 Acq: 22 Aug 2022 18:57

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 41 Resp: 12694
 Ion Ratio Lower Upper
 41 100
 39 69.9 53.2 79.8

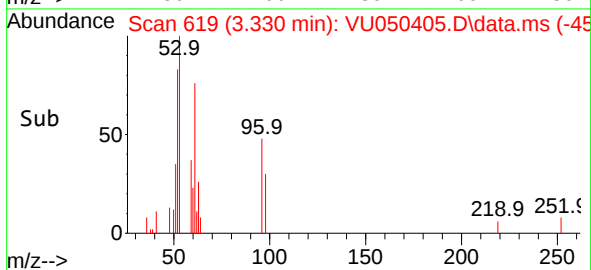
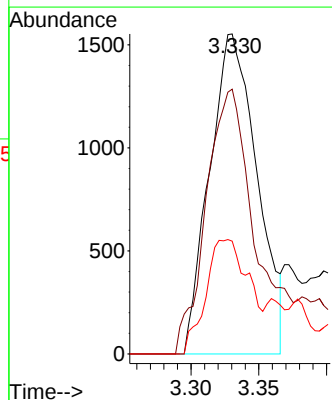
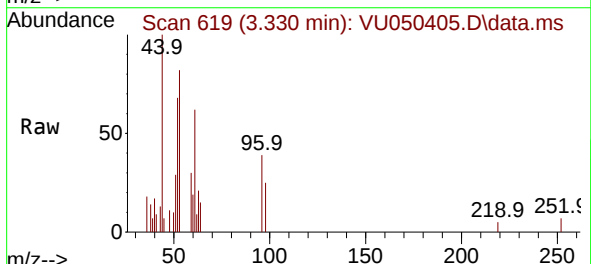
Manual Integrations
 APPROVED

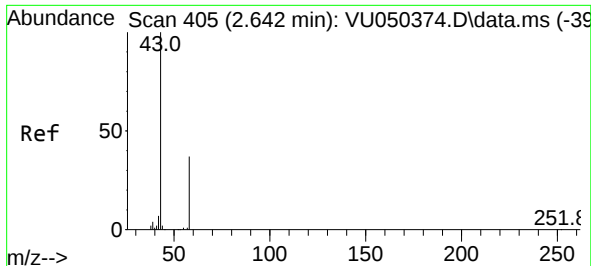
Reviewed By :Krupa Patel 08/27/2022
 Supervised By :Mahesh Dadoda 09/12/2022



#12
 Acrylonitrile
 Concen: 1.313 ug/l
 RT: 3.330 min Scan# 619
 Delta R.T. 0.013 min
 Lab File: VU050405.D
 Acq: 22 Aug 2022 18:57

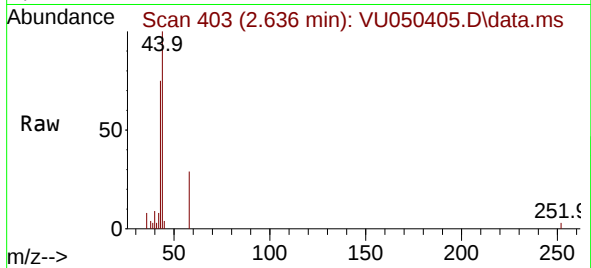
Tgt Ion: 53 Resp: 3785
 Ion Ratio Lower Upper
 53 100
 52 85.3 64.6 97.0
 51 32.5 30.7 46.1





#13
Acetone
Concen: 3.402 ug/l
RT: 2.636 min Scan# 405
Delta R.T. 0.010 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57

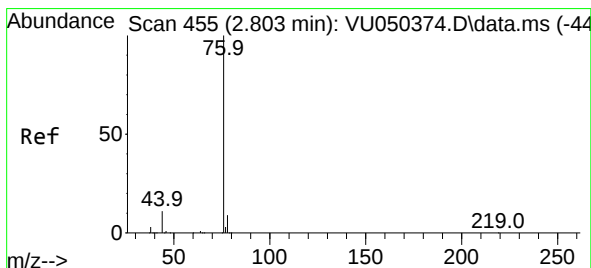
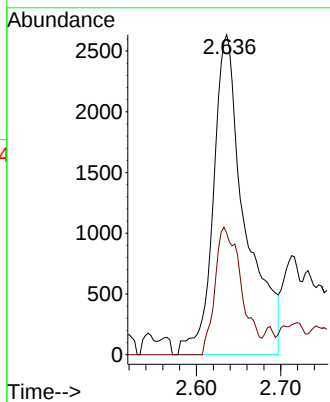
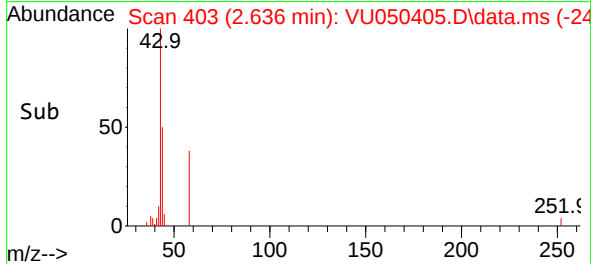
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 43 Resp: 6858
Ion Ratio Lower Upper
43 100
58 38.0 26.2 39.2

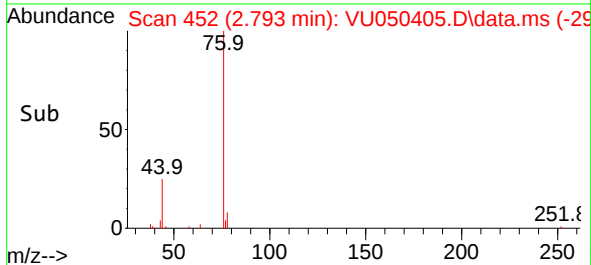
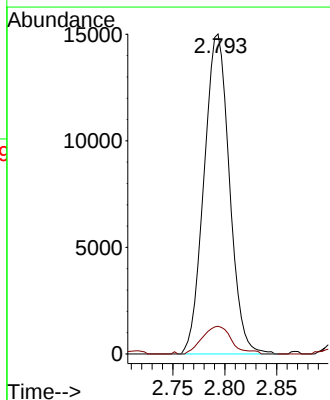
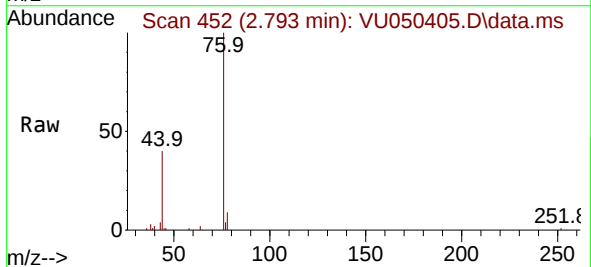
Manual Integrations
APPROVED

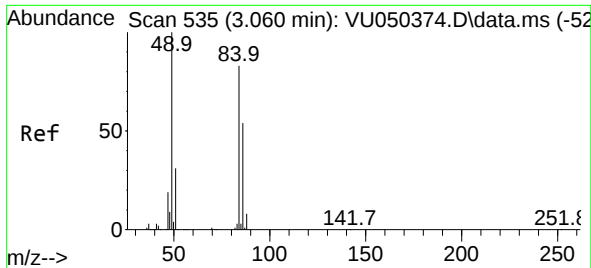
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#14
Carbon Disulfide
Concen: 0.856 ug/l
RT: 2.793 min Scan# 452
Delta R.T. 0.003 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57

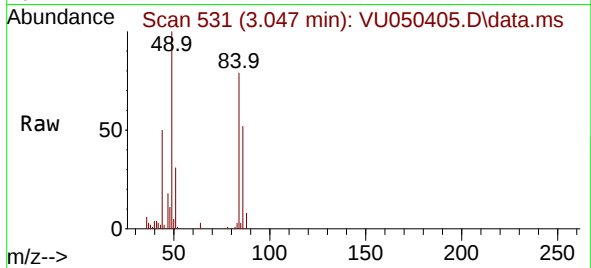
Tgt Ion: 76 Resp: 25493
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0





#15
Methylene Chloride
Concen: 0.917 ug/l
RT: 3.047 min Scan# 511
Delta R.T. 0.003 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57

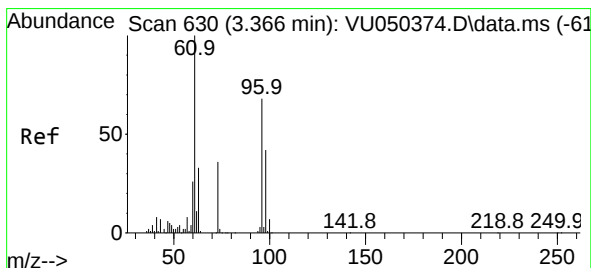
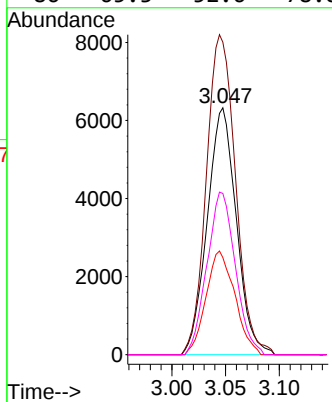
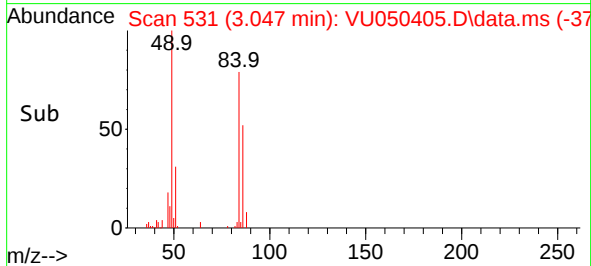
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



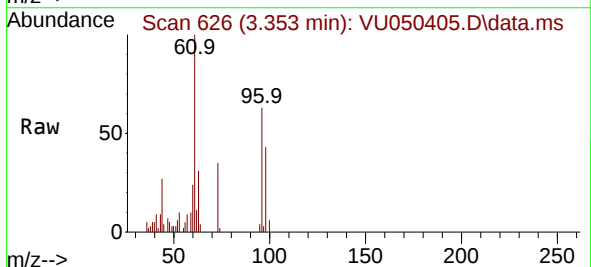
Tgt Ion: 84	Resp: 1192
Ion Ratio	Lower Upper
84	100
49	126.6 104.6 157.0
51	39.3 0.0 81.4
86	65.3 52.6 78.8

Manual Integrations
APPROVED

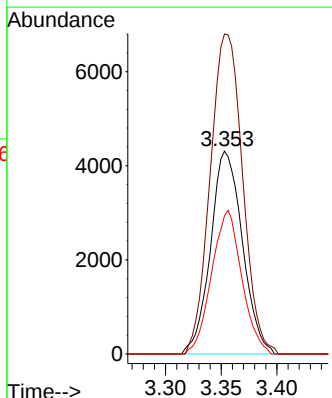
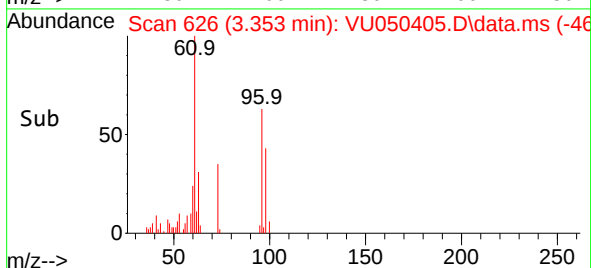
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#16
trans-1,2-Dichloroethene
Concen: 0.863 ug/l
RT: 3.353 min Scan# 626
Delta R.T. 0.003 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57



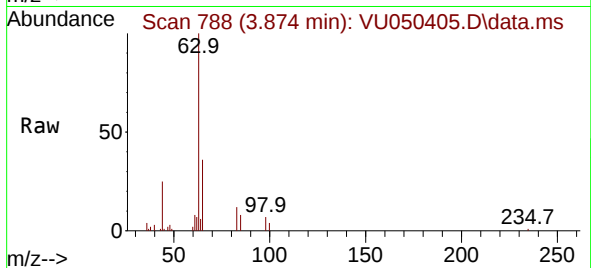
Tgt Ion: 96	Resp: 8573
Ion Ratio	Lower Upper
96	100
61	157.7 123.4 185.0
98	68.0 51.6 77.4





#17
1,1-Dichloroethane
Concen: 0.898 ug/l
RT: 3.874 min Scan# 791
Delta R.T. 0.010 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57

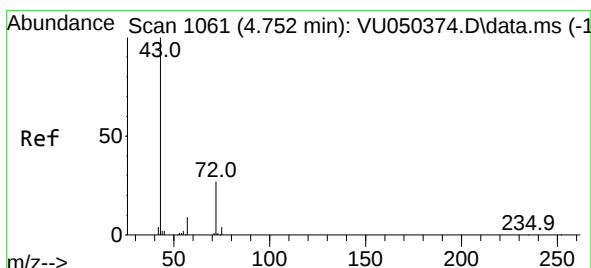
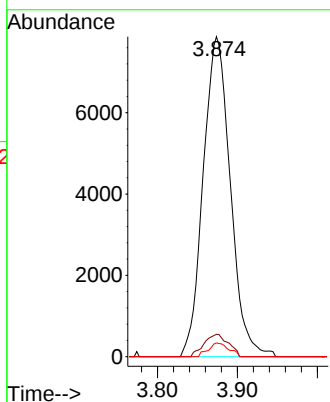
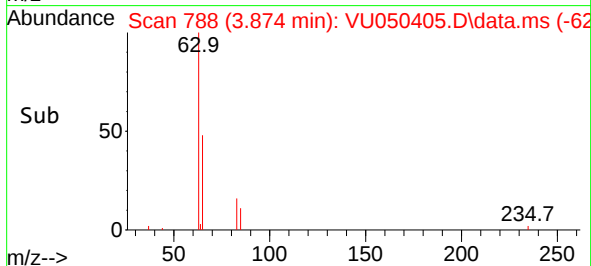
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 63 Resp: 1858
Ion Ratio Lower Upper
63 100
98 7.0 3.4 10.2
100 4.3 2.0 6.0

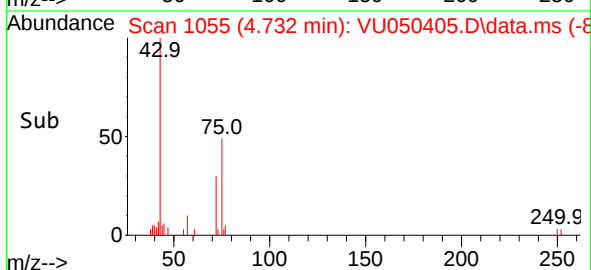
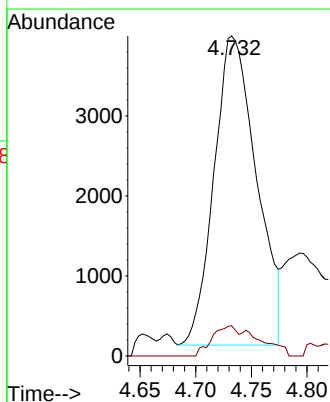
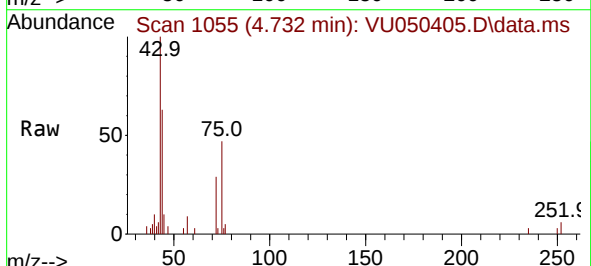
Manual Integrations
APPROVED

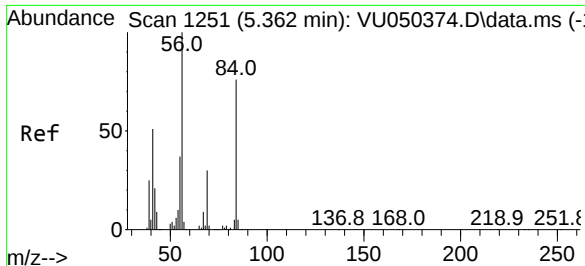
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#18
2-Butanone
Concen: 3.228 ug/l
RT: 4.732 min Scan# 1055
Delta R.T. 0.013 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57

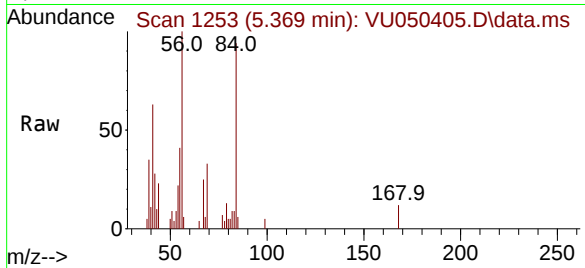
Tgt Ion: 43 Resp: 10234
Ion Ratio Lower Upper
43 100
57 9.8 0.0 18.0





#19
Cyclohexane
Concen: 0.638 ug/l m
RT: 5.369 min Scan# 11
Delta R.T. -0.016 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57

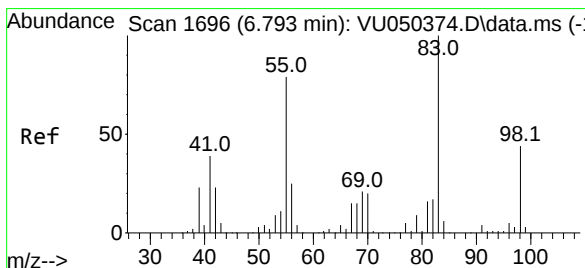
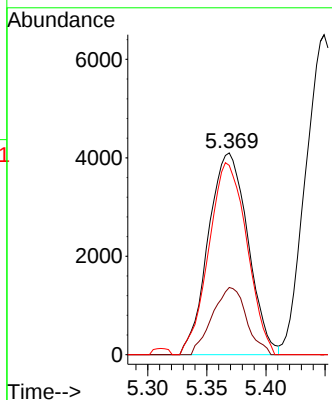
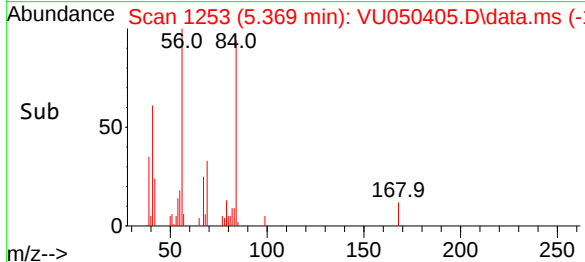
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



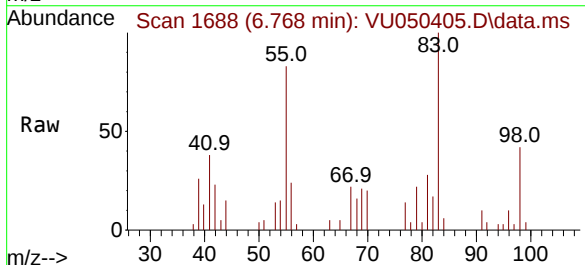
Tgt Ion: 56 Resp: 958
Ion Ratio Lower Upper
56 100
69 28.7 24.2 36.4
84 91.3 63.4 95.2

Manual Integrations
APPROVED

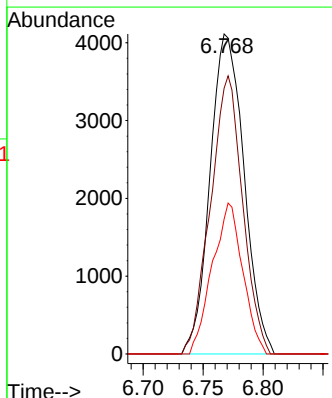
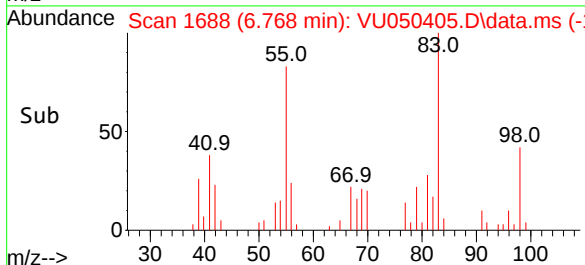
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022

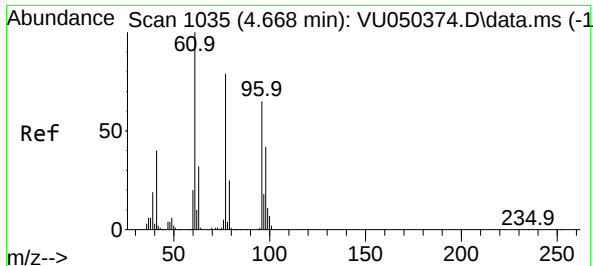


#20
Methylcyclohexane
Concen: 0.684 ug/l
RT: 6.768 min Scan# 1688
Delta R.T. 0.007 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57



Tgt Ion: 83 Resp: 8096
Ion Ratio Lower Upper
83 100
55 82.3 63.0 94.4
98 42.3 35.7 53.5





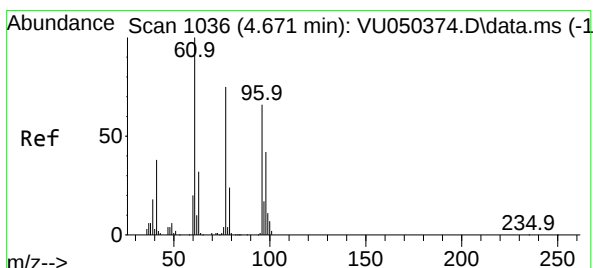
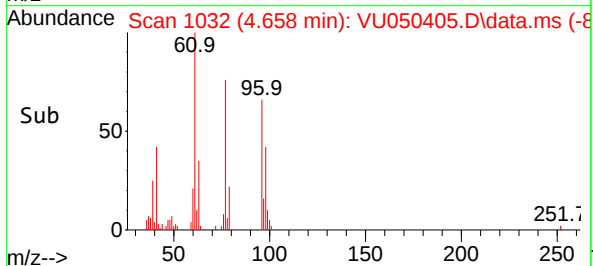
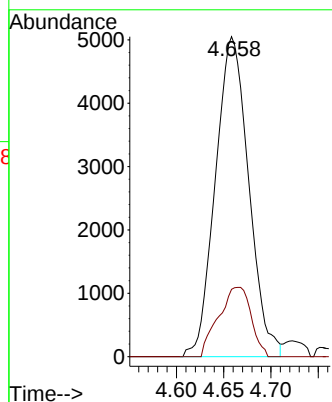
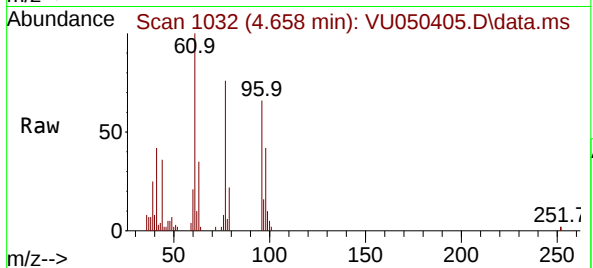
#21
2,2-Dichloropropane
Concen: 0.787 ug/l
RT: 4.658 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 77 Resp: 1237
Ion Ratio Lower Upper
77 100
97 21.1 18.5 27.7

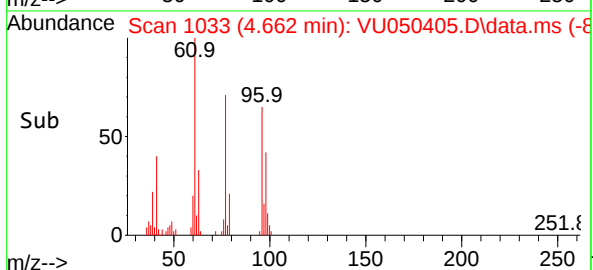
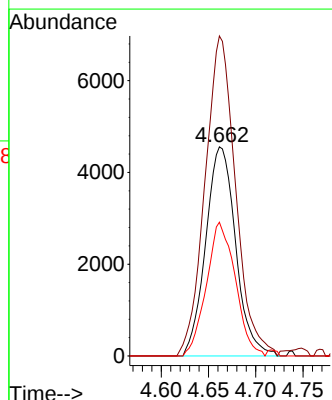
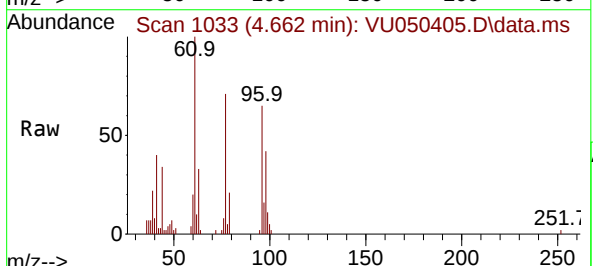
Manual Integrations
APPROVED

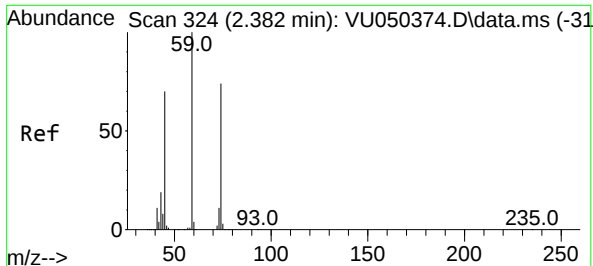
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#22
cis-1,2-Dichloroethene
Concen: 0.895 ug/l
RT: 4.662 min Scan# 1033
Delta R.T. -0.003 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57

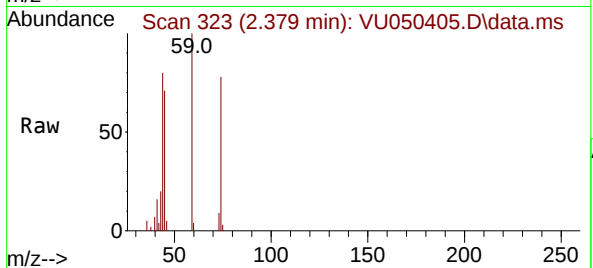
Tgt Ion: 96 Resp: 10059
Ion Ratio Lower Upper
96 100
61 155.7 0.0 375.8
98 61.5 31.6 95.0





#23
Diethyl Ether
Concen: 0.846 ug/l
RT: 2.379 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57

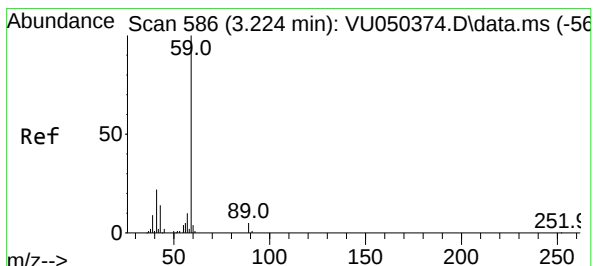
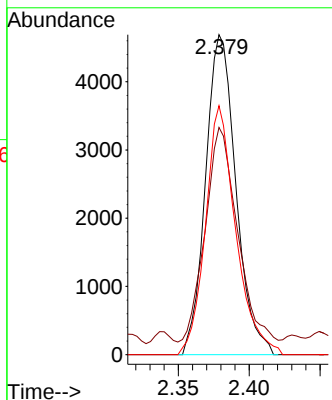
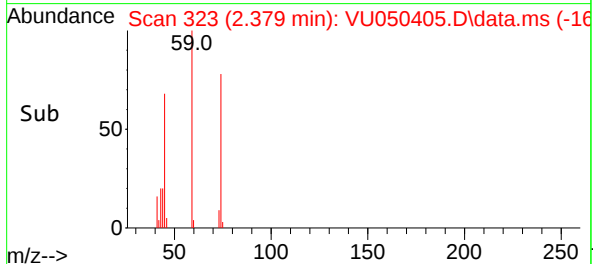
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 59 Resp: 6982
Ion Ratio Lower Upper
59 100
45 72.3 56.0 84.0
74 77.7 57.6 86.4

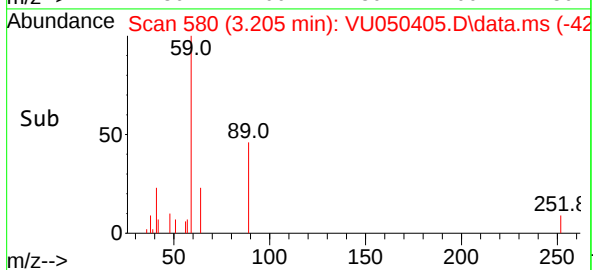
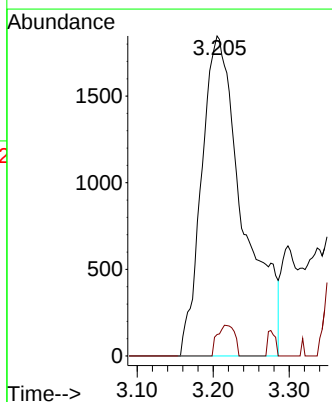
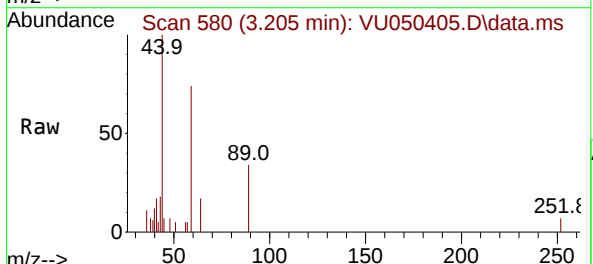
Manual Integrations
APPROVED

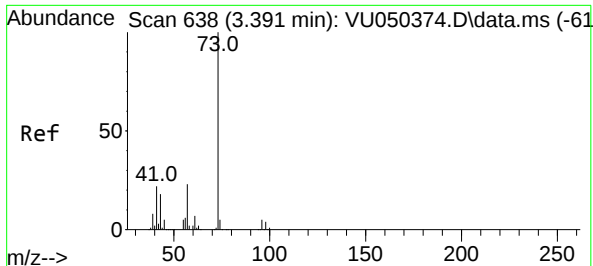
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#24
tert-Butyl Alcohol
Concen: 8.030 ug/l
RT: 3.205 min Scan# 580
Delta R.T. 0.010 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57

Tgt Ion: 59 Resp: 7012
Ion Ratio Lower Upper
59 100
57 4.0 8.2 12.2#





#25

Methyl tert-Butyl Ether

Concen: 0.818 ug/l

RT: 3.375 min Scan# 61

Delta R.T. 0.006 min

Lab File: VU050405.D

Acq: 22 Aug 2022 18:57

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 73 Resp: 20870

Ion Ratio Lower Upper

73 100

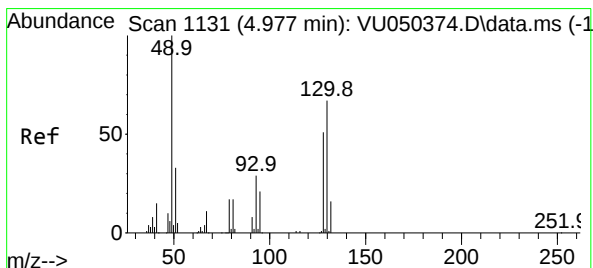
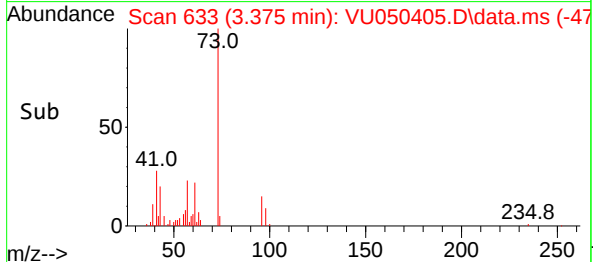
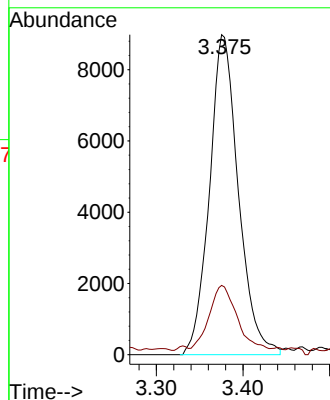
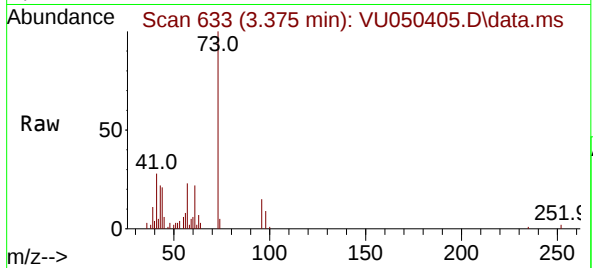
43 18.7 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/27/2022

Supervised By :Mahesh Dadoda 09/12/2022



#26

Bromochloromethane

Concen: 0.849 ug/l

RT: 4.970 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VU050405.D

Acq: 22 Aug 2022 18:57

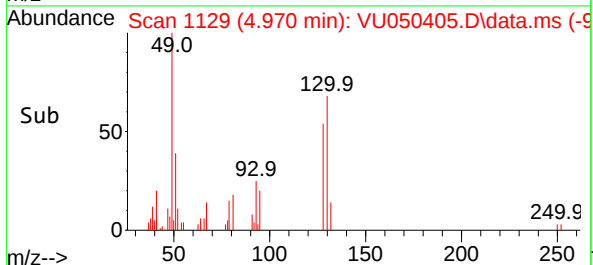
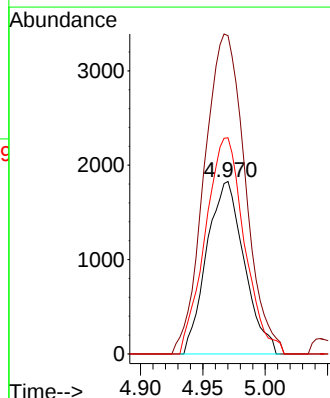
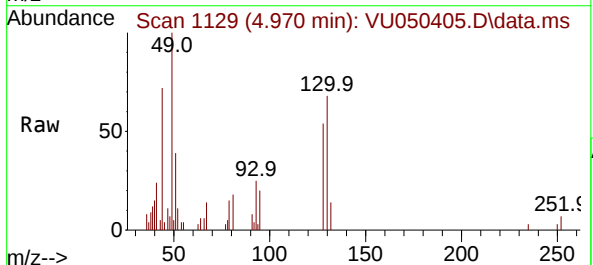
Tgt Ion:128 Resp: 3826

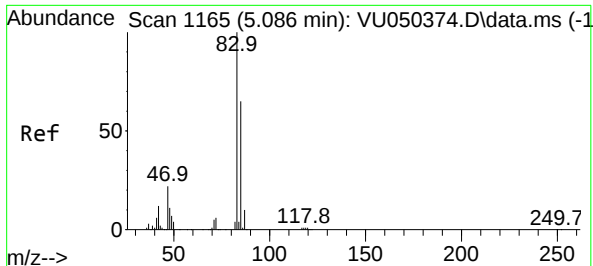
Ion Ratio Lower Upper

128 100

49 202.2 0.0 349.2

130 130.8 103.0 154.6





#27

Chloroform

Concen: 0.903 ug/l

RT: 5.083 min Scan# 1165

Delta R.T. -0.006 min

Lab File: VU050405.D

Acq: 22 Aug 2022 18:57

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 83 Resp: 18110

Ion Ratio Lower Upper

83 100

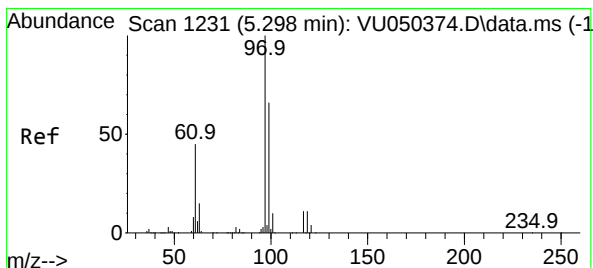
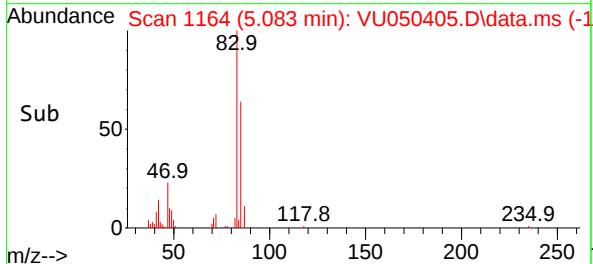
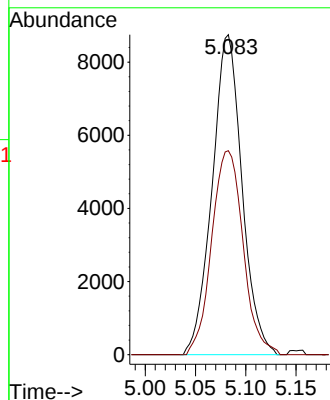
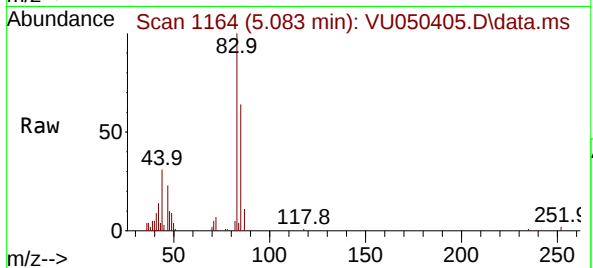
85 63.8 0.0 133.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/27/2022

Supervised By :Mahesh Dadoda 09/12/2022



#28

1,1,1-Trichloroethane

Concen: 0.747 ug/l

RT: 5.305 min Scan# 1233

Delta R.T. -0.010 min

Lab File: VU050405.D

Acq: 22 Aug 2022 18:57

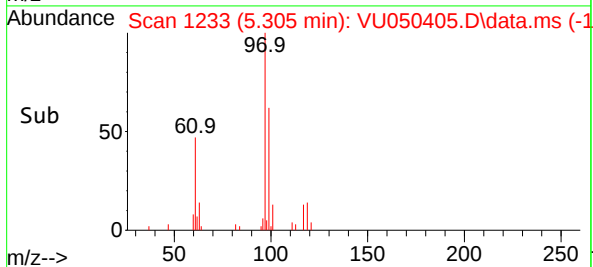
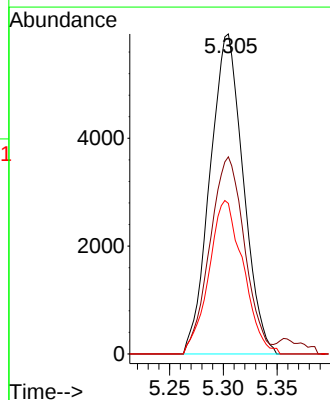
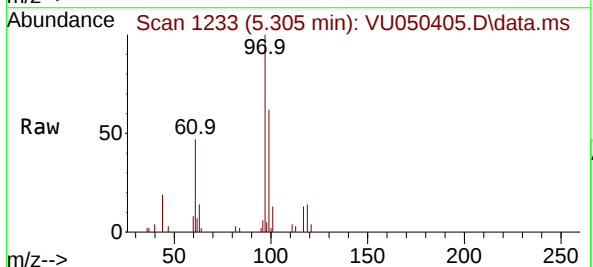
Tgt Ion: 97 Resp: 12770

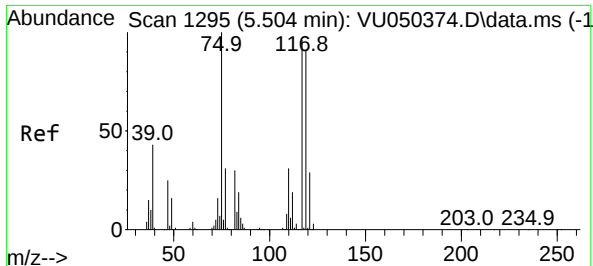
Ion Ratio Lower Upper

97 100

99 64.5 32.1 96.5

61 49.7 21.8 65.4





#29

1,1-Dichloropropene

Concen: 0.701 ug/l

RT: 5.517 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VU050405.D

Acq: 22 Aug 2022 18:57

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

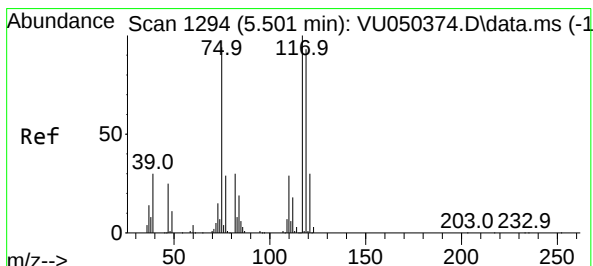
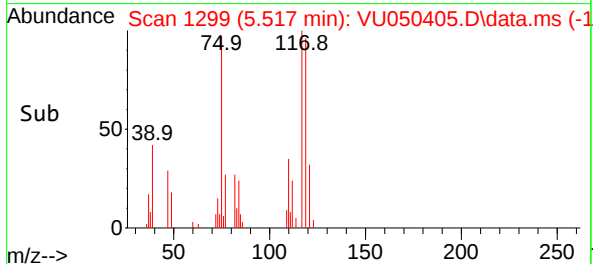
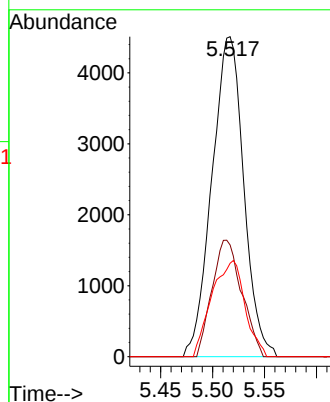
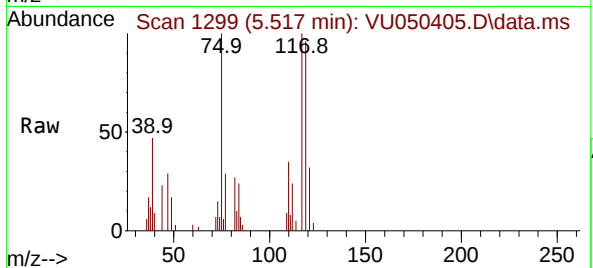
Tgt Ion: 75	Resp: 960
Ion Ratio	Lower Upper
75 100	
110 34.0	17.3 52.0
77 31.2	24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/27/2022

Supervised By :Mahesh Dadoda 09/12/2022



#30

Carbon Tetrachloride

Concen: 0.786 ug/l

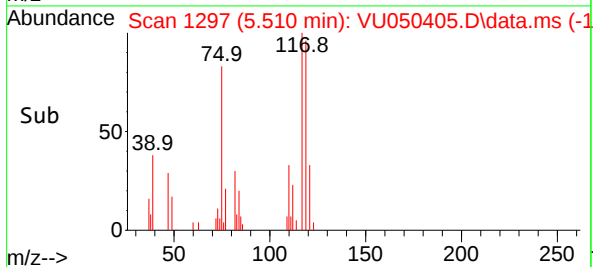
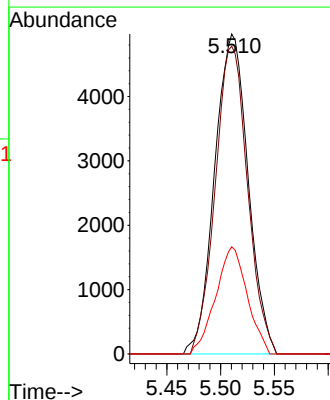
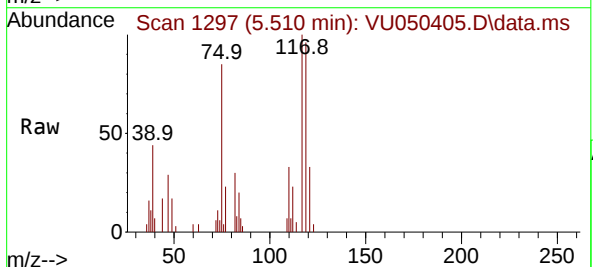
RT: 5.510 min Scan# 1297

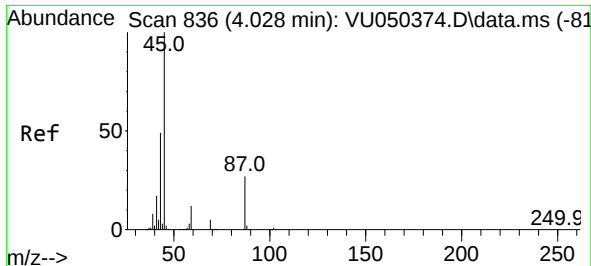
Delta R.T. -0.010 min

Lab File: VU050405.D

Acq: 22 Aug 2022 18:57

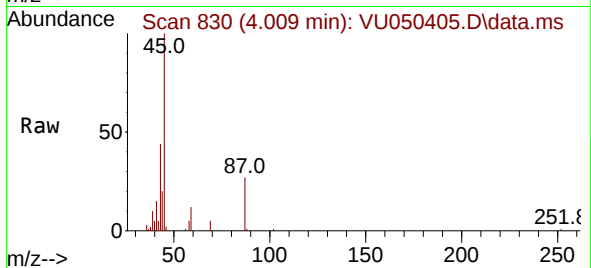
Tgt Ion: 117	Resp: 10760
Ion Ratio	Lower Upper
117 100	
119 96.2	74.6 112.0
121 33.5	24.2 36.4





#31
Isopropyl Ether
Concen: 0.913 ug/l
RT: 4.009 min Scan# 830
Delta R.T. 0.006 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57

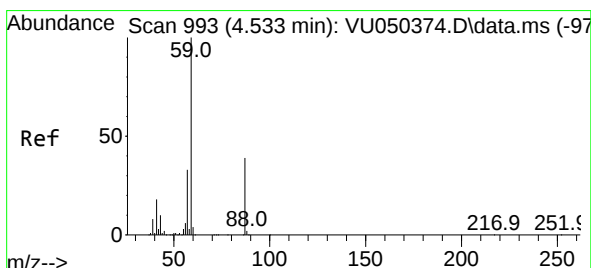
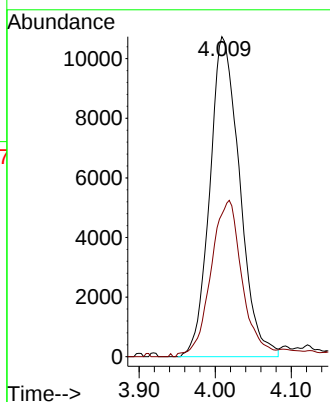
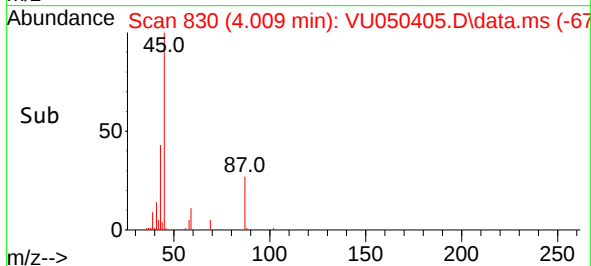
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



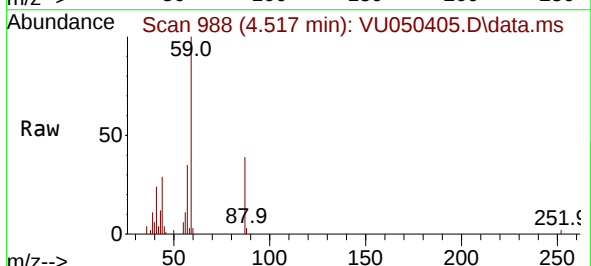
Tgt Ion: 45 Resp: 2931
Ion Ratio Lower Upper
45 100
43 51.0 23.8 71.2

Manual Integrations
APPROVED

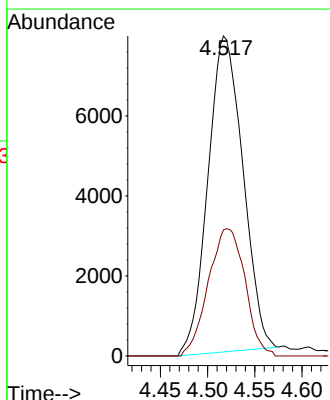
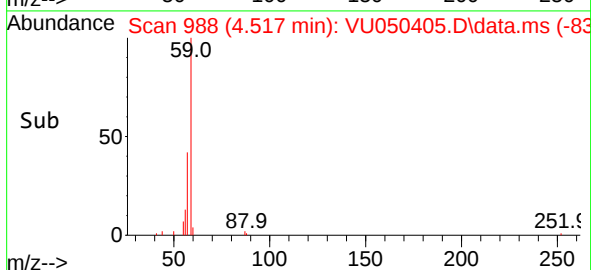
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022

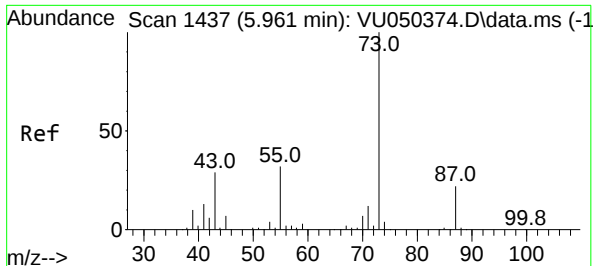


#32
Ethyl-t-butyl ether
Concen: 0.806 ug/l
RT: 4.517 min Scan# 988
Delta R.T. 0.003 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57



Tgt Ion: 59 Resp: 20325
Ion Ratio Lower Upper
59 100
87 42.1 32.5 48.7





#33

Tert-Amyl methyl ether

Concen: 0.606 ug/l

RT: 5.957 min Scan# 1437

Delta R.T. 0.010 min

Lab File: VU050405.D

Acq: 22 Aug 2022 18:57

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

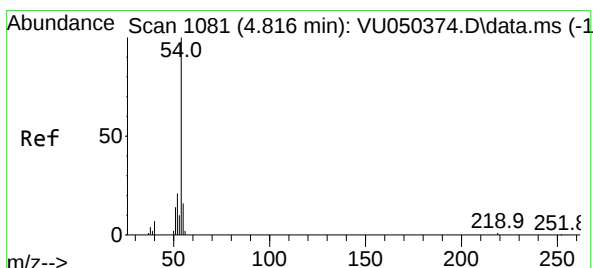
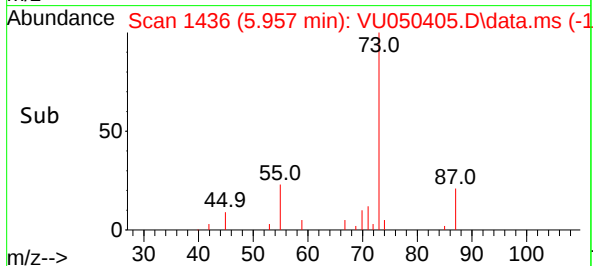
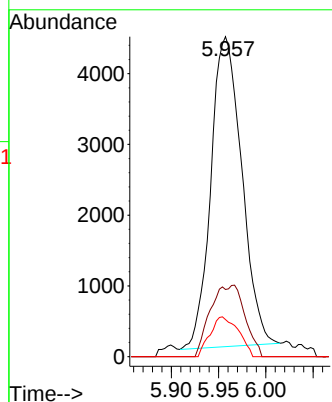
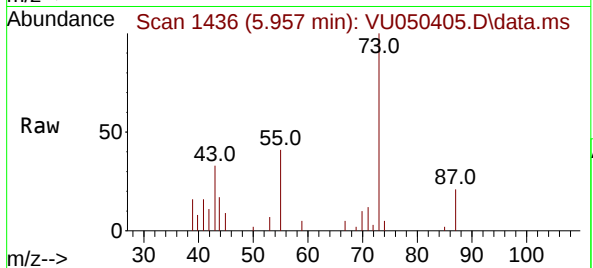
Tgt Ion: 73	Resp: 9950
Ion Ratio	Lower Upper
73 100	
87 12.5	19.7 29.5
71 11.7	9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/27/2022

Supervised By :Mahesh Dadoda 09/12/2022



#34

Propionitrile

Concen: 4.159 ug/l

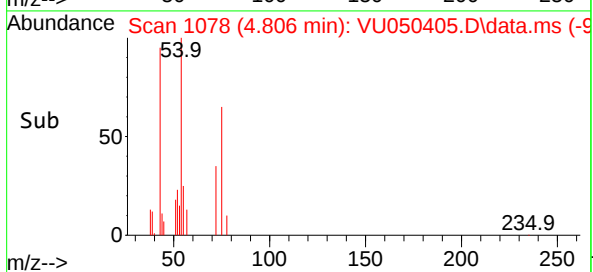
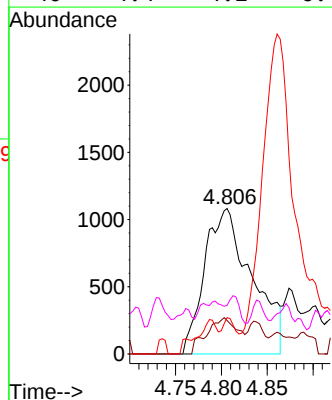
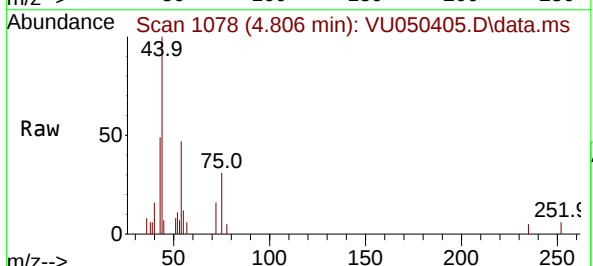
RT: 4.806 min Scan# 1078

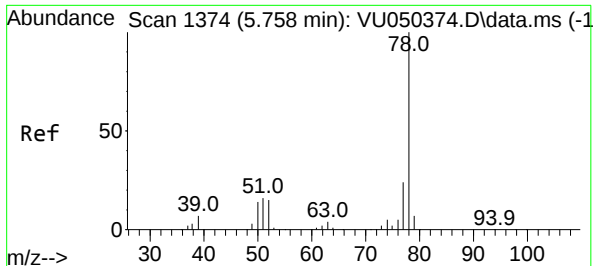
Delta R.T. 0.019 min

Lab File: VU050405.D

Acq: 22 Aug 2022 18:57

Tgt Ion: 54	Resp: 3895
Ion Ratio	Lower Upper
54 100	
52 16.4	15.0 22.6
55 4.2	12.6 19.0
40 4.4	4.2 6.4





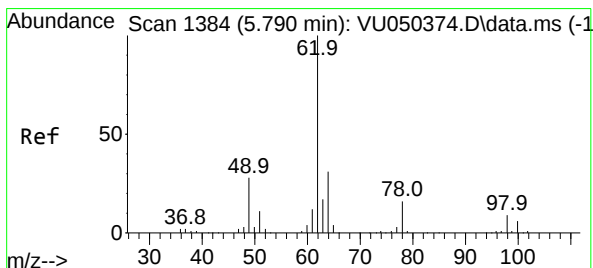
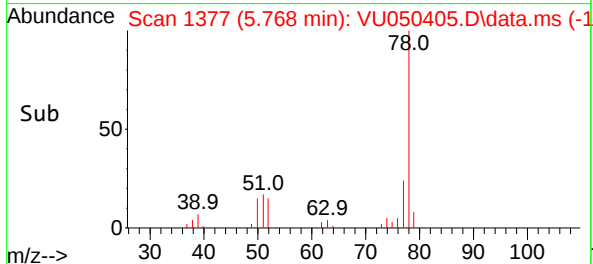
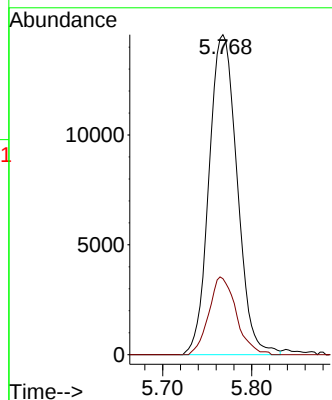
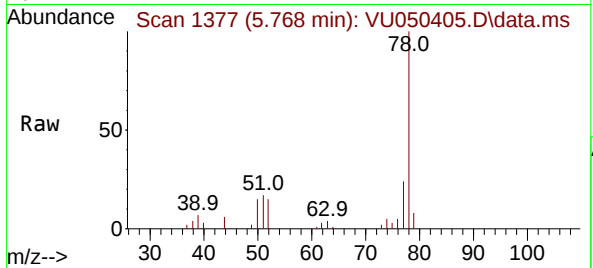
#35
Benzene
Concen: 0.793 ug/l
RT: 5.768 min Scan# 1377
Delta R.T. -0.006 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57

Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 78 Resp: 3193
Ion Ratio Lower Upper
78 100
77 23.7 18.6 28.0

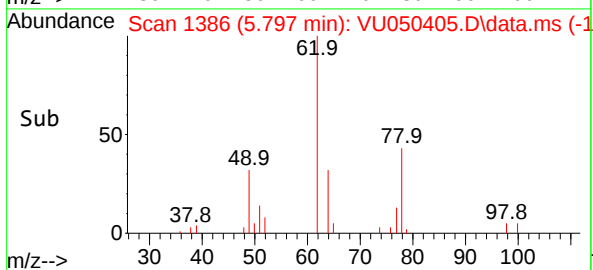
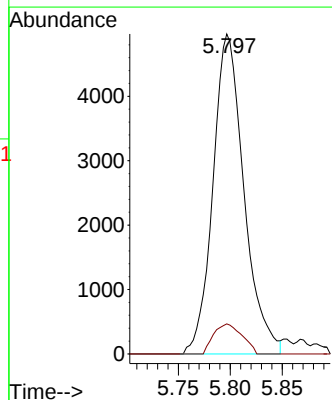
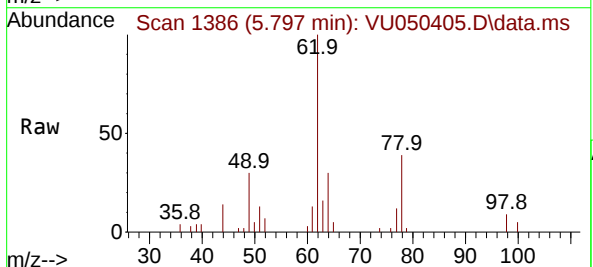
Manual Integrations
APPROVED

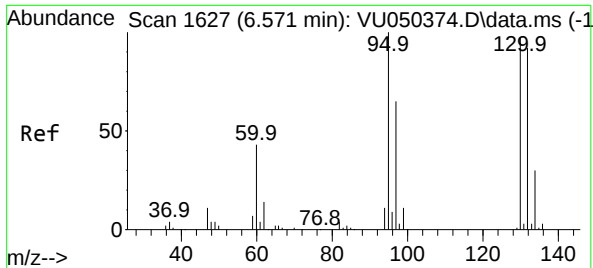
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#36
1,2-Dichloroethane
Concen: 0.838 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57

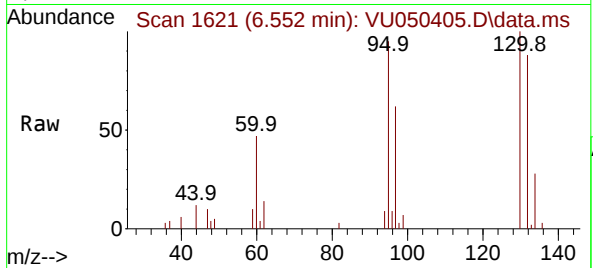
Tgt Ion: 62 Resp: 10303
Ion Ratio Lower Upper
62 100
98 8.6 7.4 11.0





#37
Trichloroethene
Concen: 0.809 ug/l
RT: 6.552 min Scan# 1621
Delta R.T. 0.010 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57

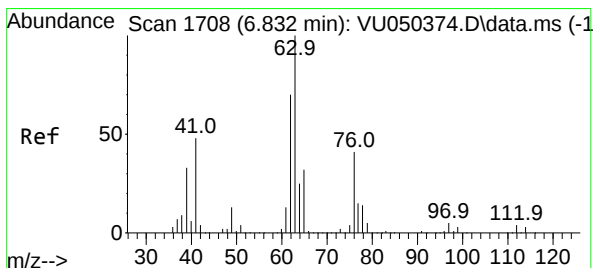
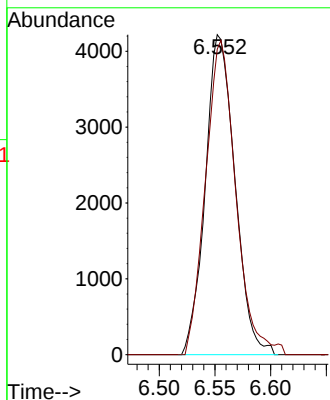
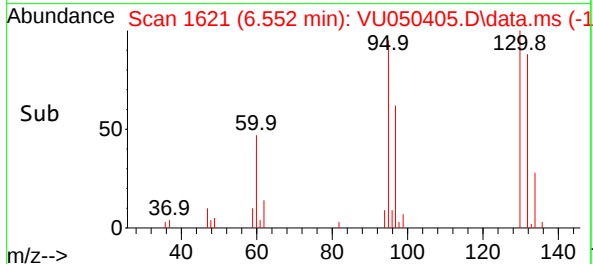
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



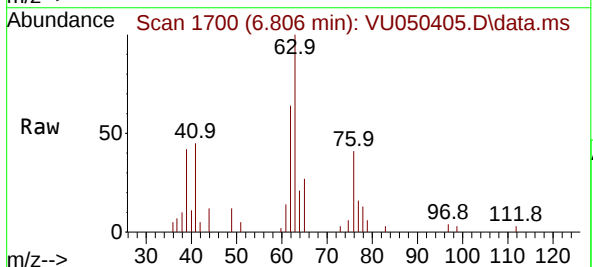
Tgt Ion:130 Resp: 781
Ion Ratio Lower Upper
130 100
95 95.5 83.8 125.8

Manual Integrations
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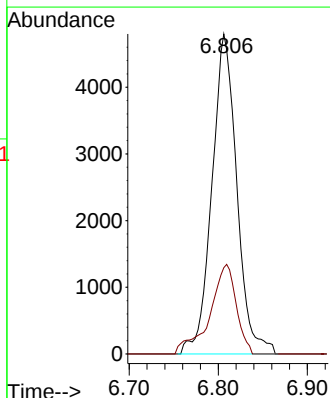
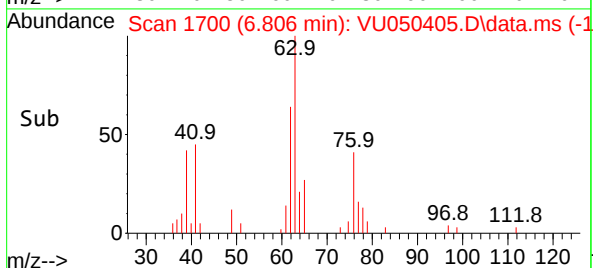
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022

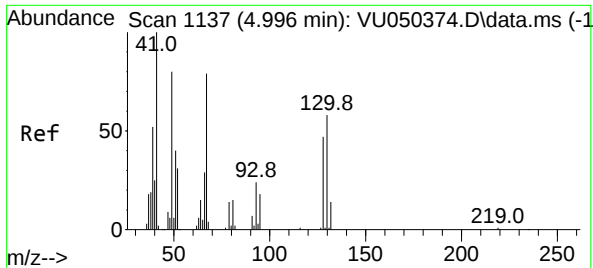


#38
1,2-Dichloropropane
Concen: 0.863 ug/l
RT: 6.806 min Scan# 1700
Delta R.T. 0.013 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57



Tgt Ion: 63 Resp: 9331
Ion Ratio Lower Upper
63 100
65 27.0 25.0 37.4





#39

Methacrylonitrile

Concen: 0.928 ug/l

RT: 4.989 min Scan# 1135

Delta R.T. 0.006 min

Lab File: VU050405.D

Acq: 22 Aug 2022 18:57

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

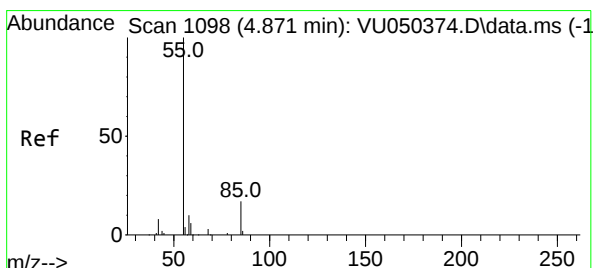
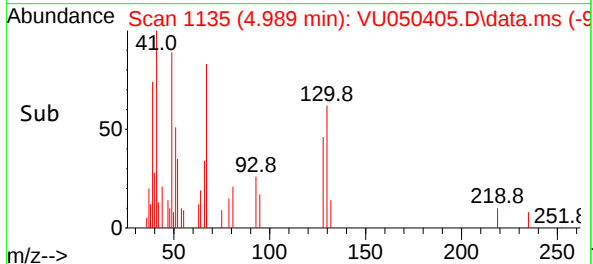
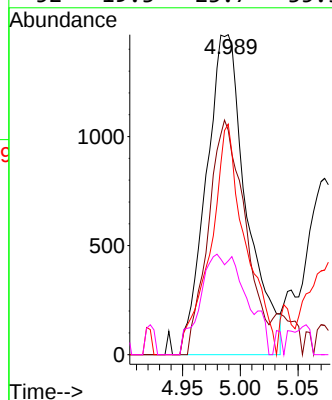
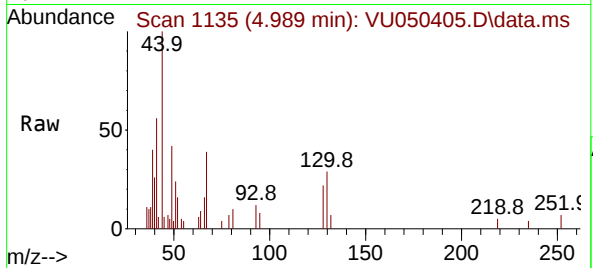
Tgt Ion: 41	Resp: 356
Ion Ratio	Lower Upper
41 100	
67 67.0	59.4 89.0
39 62.3	42.2 63.2
52 19.3	23.7 35.5#

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/27/2022

Supervised By :Mahesh Dadoda 09/12/2022



#40

Methyl acrylate

Concen: 1.065 ug/l m

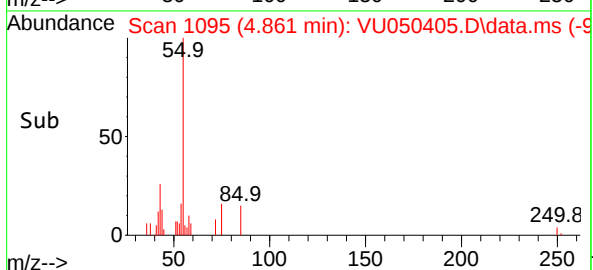
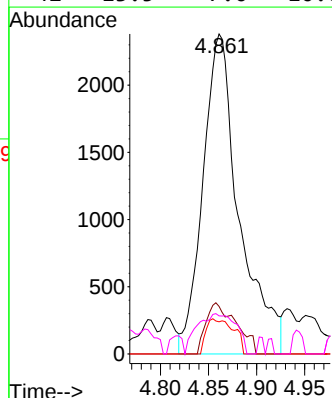
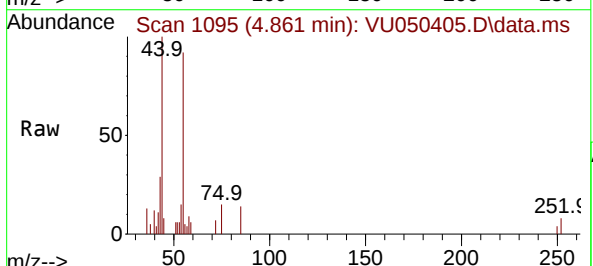
RT: 4.861 min Scan# 1095

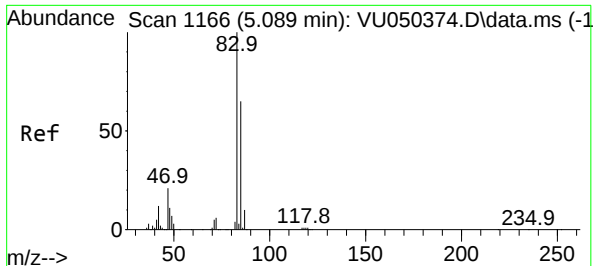
Delta R.T. 0.006 min

Lab File: VU050405.D

Acq: 22 Aug 2022 18:57

Tgt Ion: 55	Resp: 6234
Ion Ratio	Lower Upper
55 100	
85 13.4	13.5 20.3#
58 8.3	7.0 10.4
42 13.5	7.0 10.6#





#41

Tetrahydrofuran

Concen: 1.869 ug/l

RT: 5.073 min Scan# 1161

Delta R.T. 0.006 min

Lab File: VU050405.D

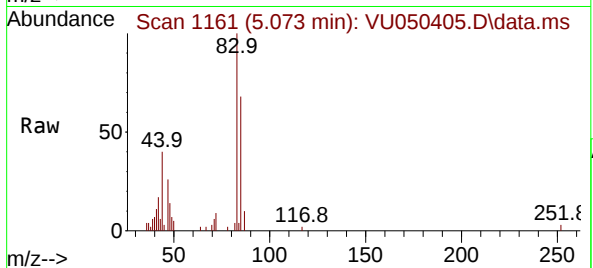
Acq: 22 Aug 2022 18:57

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022



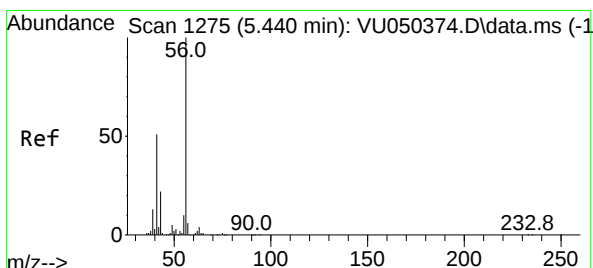
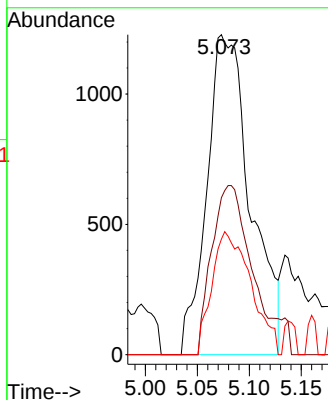
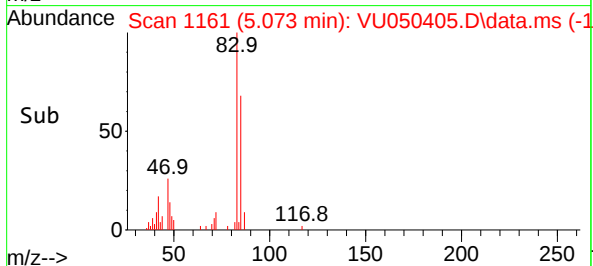
Tgt Ion:	42	Resp:	3590
Ion	Ratio	Lower	Upper
42	100		
72	50.2	38.9	58.3
71	34.3	33.7	50.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/27/2022

Supervised By :Mahesh Dadoda 09/12/2022



#42

1-Chlorobutane

Concen: 0.697 ug/l

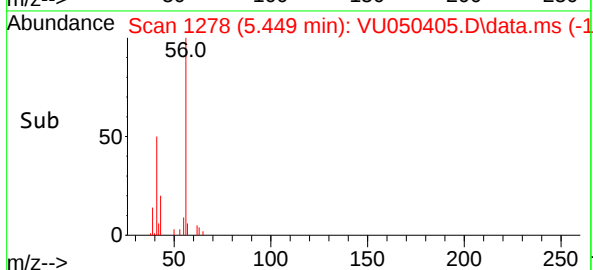
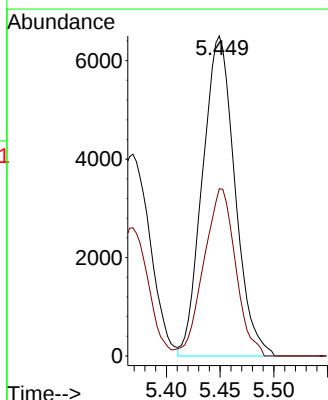
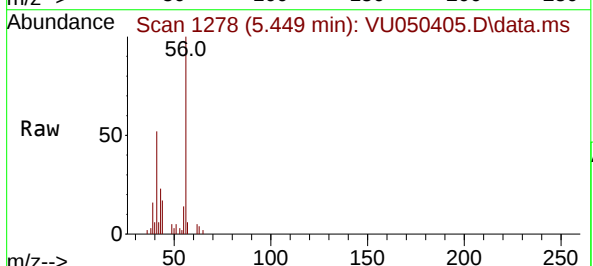
RT: 5.449 min Scan# 1278

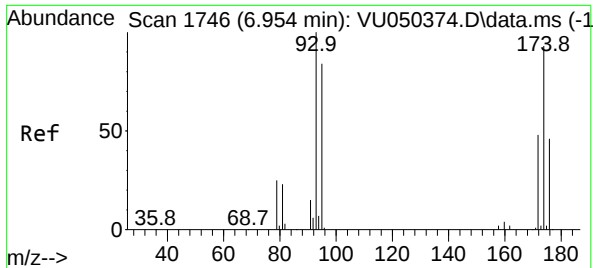
Delta R.T. -0.006 min

Lab File: VU050405.D

Acq: 22 Aug 2022 18:57

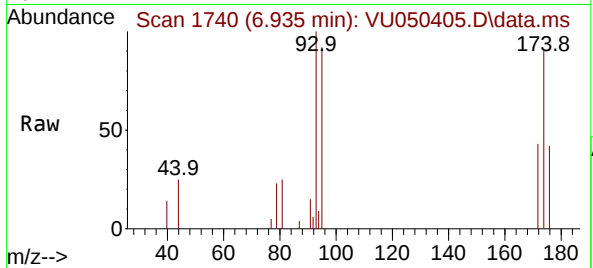
Tgt Ion:	56	Resp:	13610
Ion	Ratio	Lower	Upper
56	100		
41	51.4	26.4	79.2





#43
Dibromomethane
Concen: 0.854 ug/l
RT: 6.935 min Scan# 1740
Delta R.T. 0.016 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57

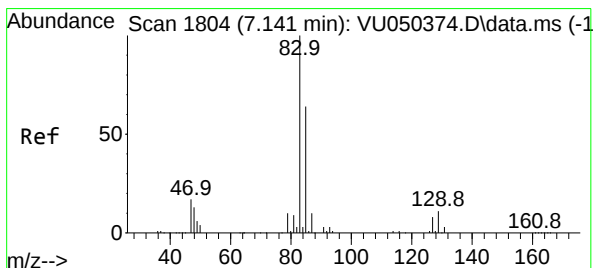
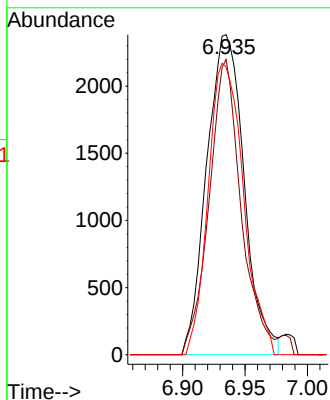
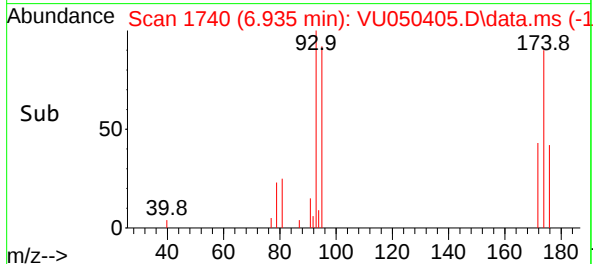
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 93 Resp: 4980
Ion Ratio Lower Upper
93 100
95 79.0 65.0 97.6
174 85.9 76.3 114.5

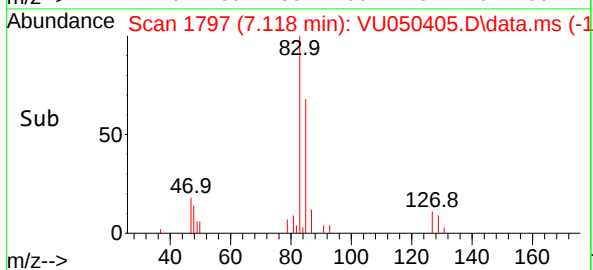
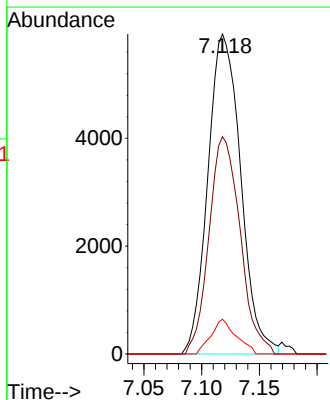
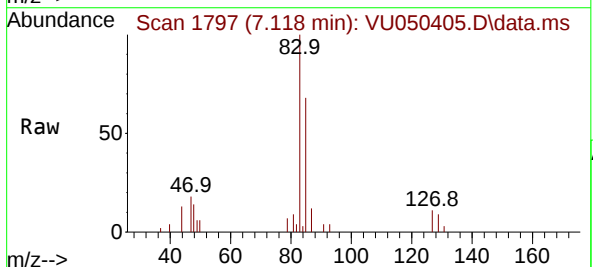
Manual Integrations
APPROVED

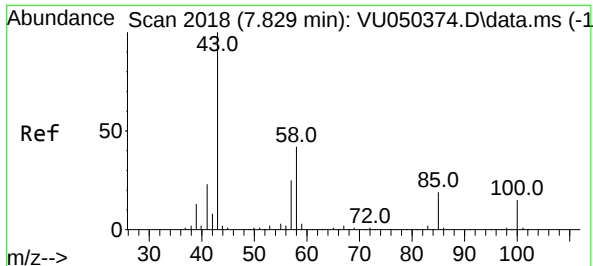
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#44
Bromodichloromethane
Concen: 0.854 ug/l
RT: 7.118 min Scan# 1797
Delta R.T. 0.010 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57

Tgt Ion: 83 Resp: 11741
Ion Ratio Lower Upper
83 100
85 67.9 49.4 74.0
127 10.8 6.6 10.0#





#45

4-Methyl-2-Pentanone

Concen: 3.430 ug/l

RT: 7.816 min Scan# 2014

Delta R.T. 0.019 min

Lab File: VU050405.D

Acq: 22 Aug 2022 18:57

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

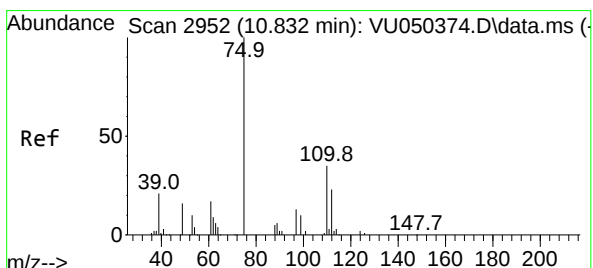
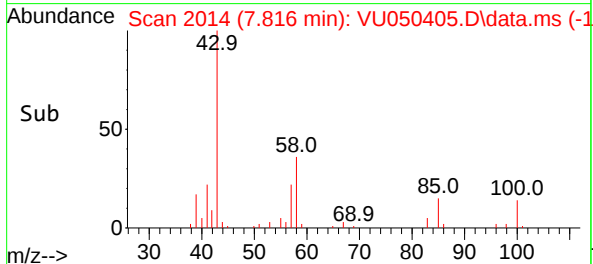
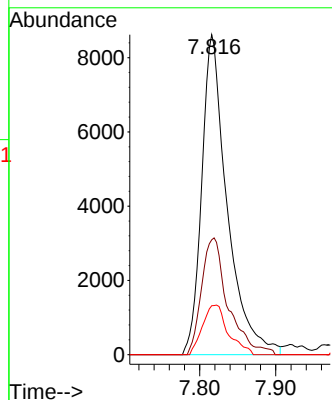
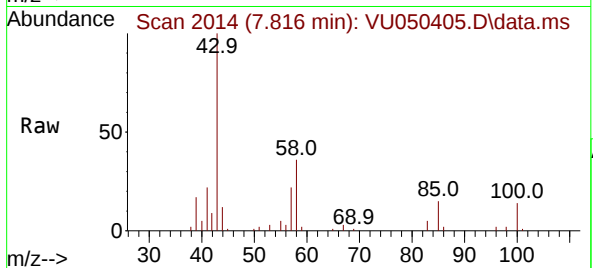
Tgt Ion: 43	Resp: 2006
Ion Ratio	Lower Upper
43 100	
58 38.0	20.3 61.0
85 15.6	14.6 21.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/27/2022

Supervised By :Mahesh Dadoda 09/12/2022



#46

t-1,4-Dichloro-2-butene

Concen: 1.454 ug/l m

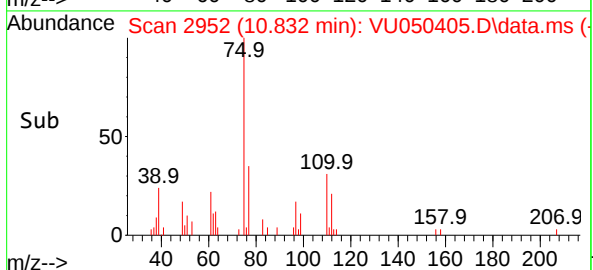
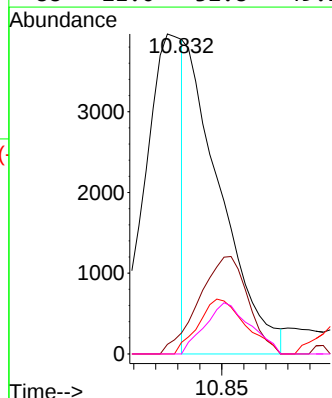
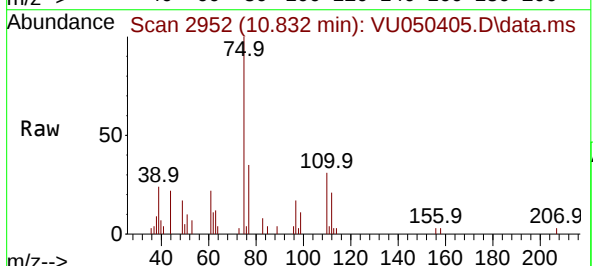
RT: 10.832 min Scan# 2952

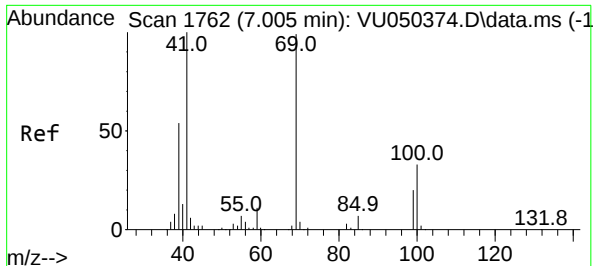
Delta R.T. 0.000 min

Lab File: VU050405.D

Acq: 22 Aug 2022 18:57

Tgt Ion: 75	Resp: 4295
Ion Ratio	Lower Upper
75 100	
53 43.5	64.4 96.6#
89 23.5	44.2 66.2#
88 21.0	32.8 49.2#





#47

Methyl methacrylate

Concen: 1.359 ug/l

RT: 6.986 min Scan# 1756

Delta R.T. 0.019 min

Lab File: VU050405.D

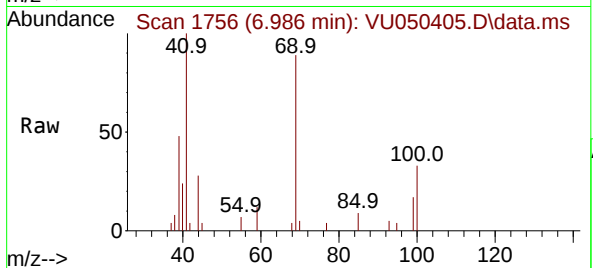
Acq: 22 Aug 2022 18:57

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 69 Resp: 5930

Ion Ratio Lower Upper

69 100

41 111.6 0.0 225.4

39 51.1 45.8 68.8

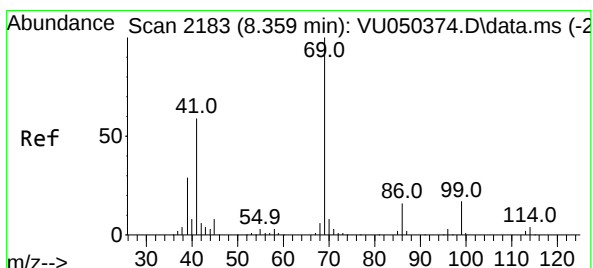
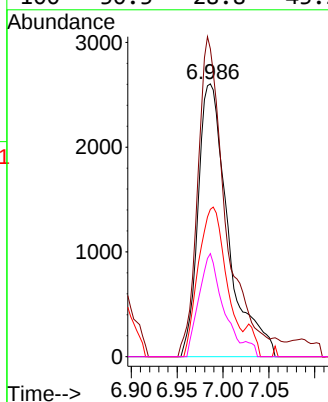
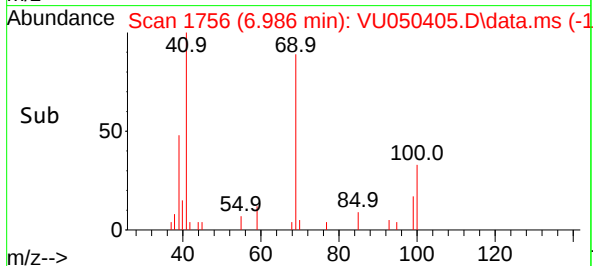
100 30.3 28.8 43.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/27/2022

Supervised By :Mahesh Dadoda 09/12/2022



#48

Ethyl methacrylate

Concen: 0.589 ug/l

RT: 8.349 min Scan# 2180

Delta R.T. 0.013 min

Lab File: VU050405.D

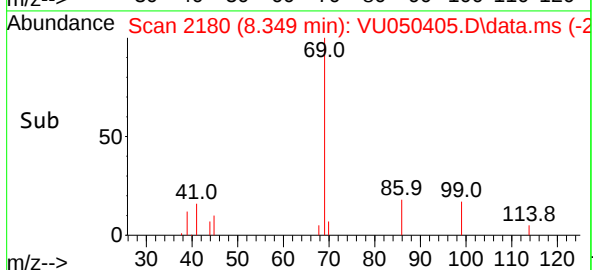
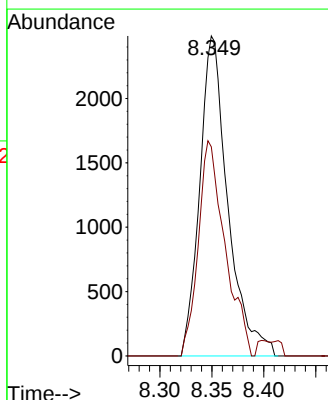
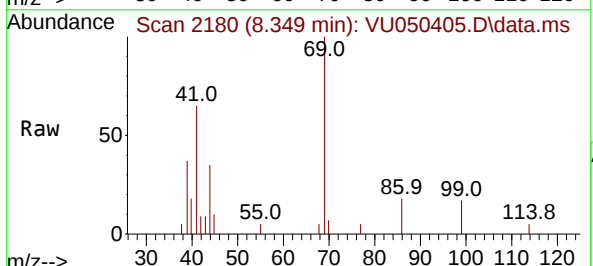
Acq: 22 Aug 2022 18:57

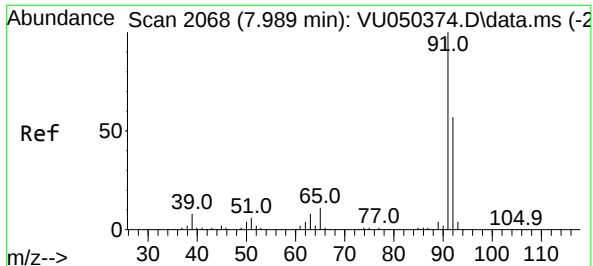
Tgt Ion: 69 Resp: 4681

Ion Ratio Lower Upper

69 100

41 63.8 32.3 96.9





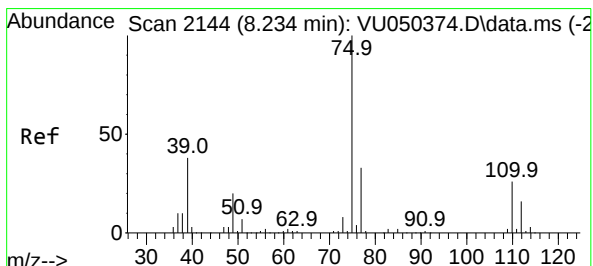
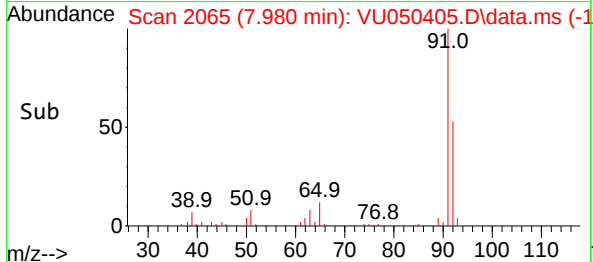
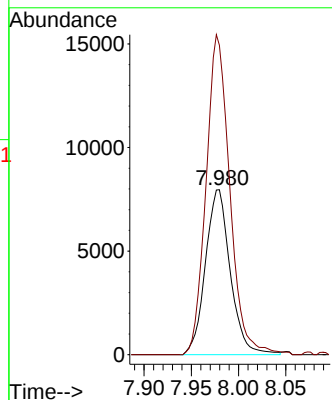
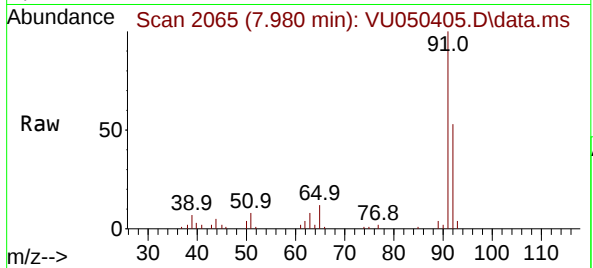
#49
Toluene
Concen: 0.674 ug/l
RT: 7.980 min Scan# 2068
Delta R.T. 0.010 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 92 Resp: 1458
Ion Ratio Lower Upper
92 100
91 185.4 138.6 207.8

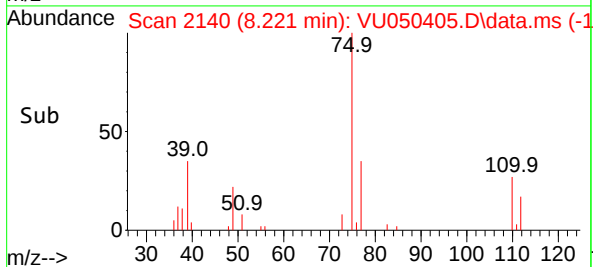
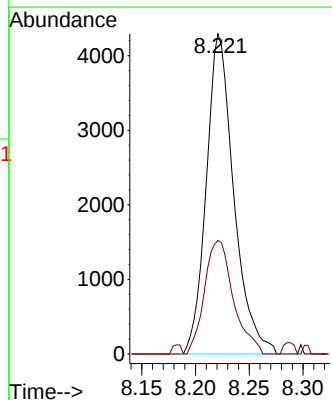
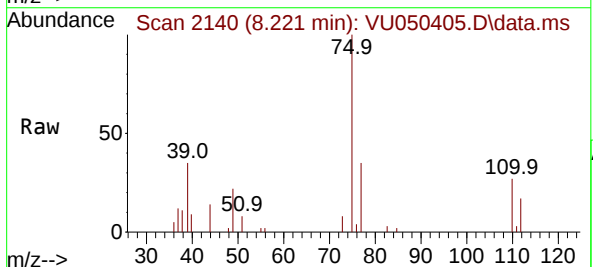
Manual Integrations
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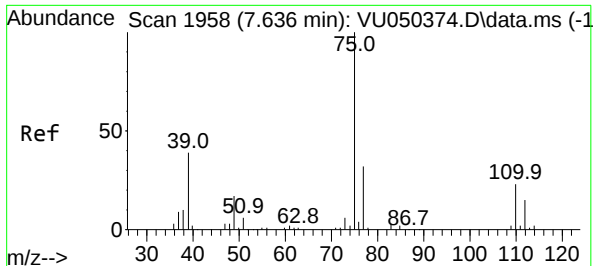
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#50
t-1,3-Dichloropropene
Concen: 0.713 ug/l
RT: 8.221 min Scan# 2140
Delta R.T. 0.010 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57

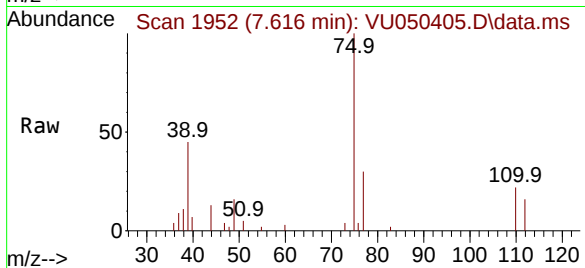
Tgt Ion: 75 Resp: 7634
Ion Ratio Lower Upper
75 100
77 35.4 24.7 37.1





#51
 cis-1,3-Dichloropropene
 Concen: 0.783 ug/l
 RT: 7.616 min Scan# 1954
 Delta R.T. 0.006 min
 Lab File: VU050405.D
 Acq: 22 Aug 2022 18:57

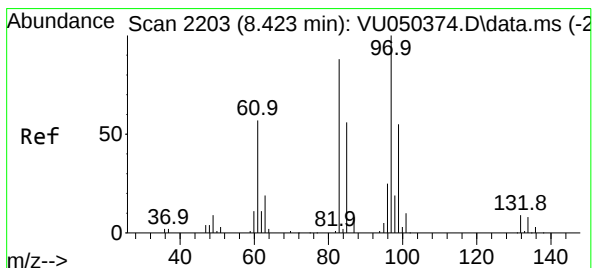
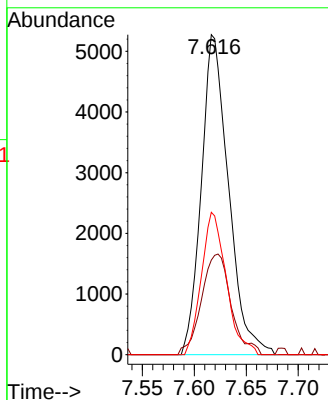
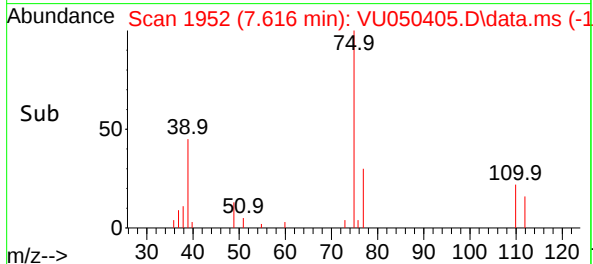
Instrument : MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 75 Resp: 9594
 Ion Ratio Lower Upper
 75 100
 77 29.6 25.4 38.0
 39 44.5 35.1 52.7

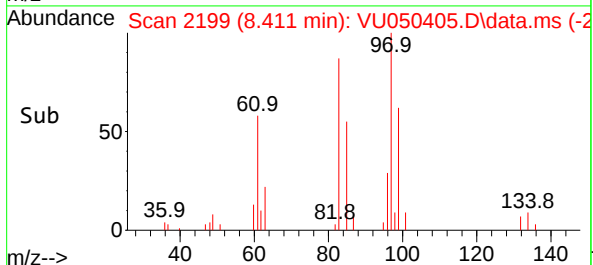
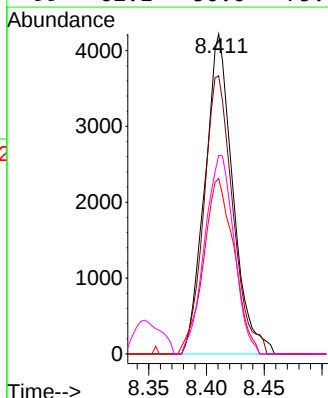
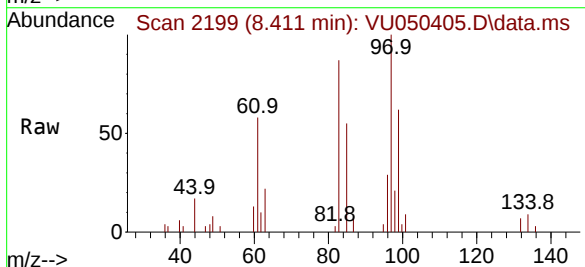
Manual Integrations
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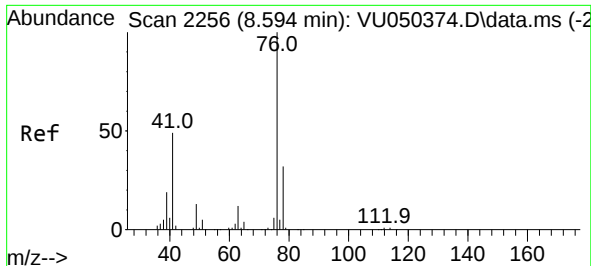
Reviewed By :Krupa Patel 08/27/2022
 Supervised By :Mahesh Dadoda 09/12/2022



#52
 1,1,2-Trichloroethane
 Concen: 0.832 ug/l
 RT: 8.411 min Scan# 2199
 Delta R.T. 0.010 min
 Lab File: VU050405.D
 Acq: 22 Aug 2022 18:57

Tgt Ion: 97 Resp: 7130
 Ion Ratio Lower Upper
 97 100
 83 86.9 70.6 106.0
 85 54.8 46.2 69.4
 99 62.1 50.0 75.0





#53

1,3-Dichloropropane

Concen: 0.786 ug/l

RT: 8.584 min Scan# 21

Delta R.T. 0.007 min

Lab File: VU050405.D

Acq: 22 Aug 2022 18:57

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 76 Resp: 10599

Ion Ratio Lower Upper

76 100

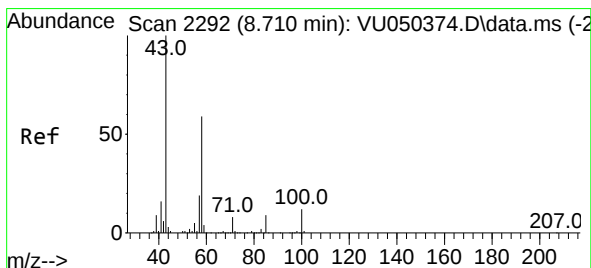
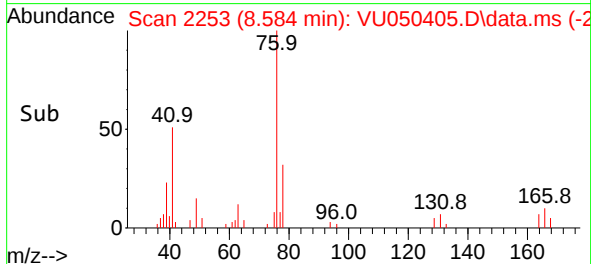
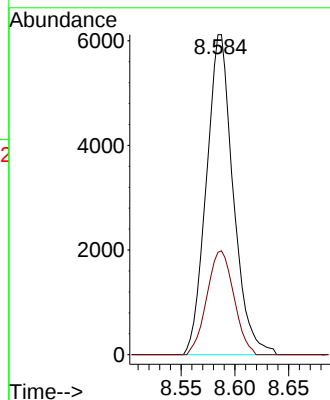
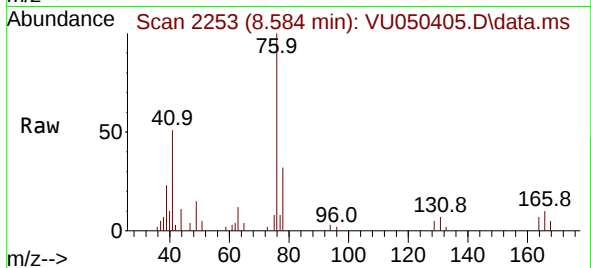
78 32.6 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/27/2022

Supervised By :Mahesh Dadoda 09/12/2022



#54

2-Hexanone

Concen: 3.114 ug/l

RT: 8.703 min Scan# 2290

Delta R.T. 0.013 min

Lab File: VU050405.D

Acq: 22 Aug 2022 18:57

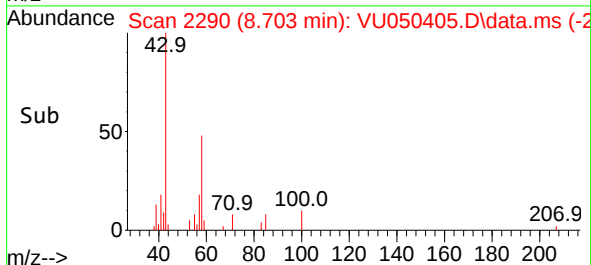
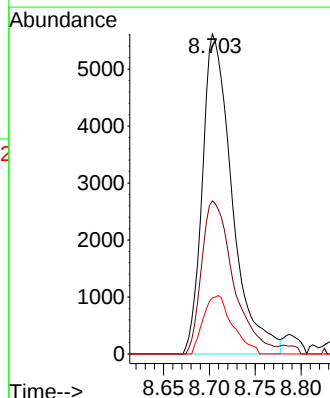
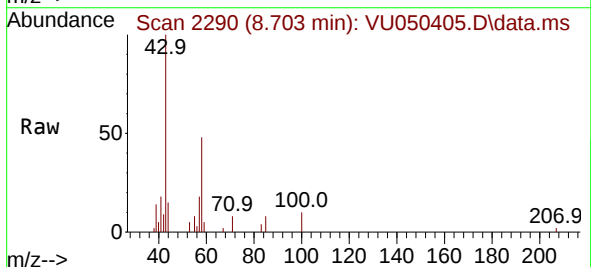
Tgt Ion: 43 Resp: 12686

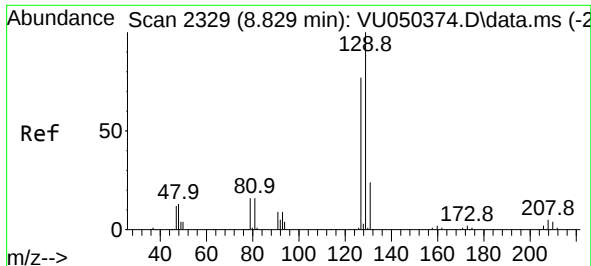
Ion Ratio Lower Upper

43 100

58 51.2 37.1 77.1

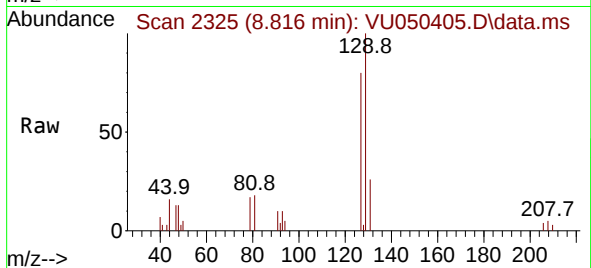
57 17.8 0.0 39.5





#55
Dibromochloromethane
Concen: 0.826 ug/l
RT: 8.816 min Scan# 2325
Delta R.T. 0.003 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57

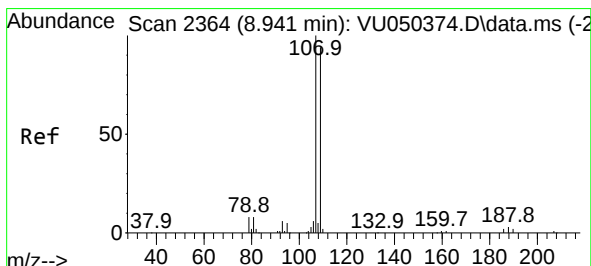
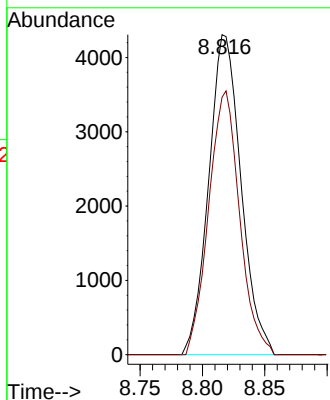
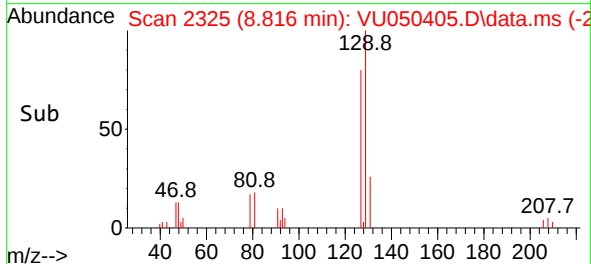
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



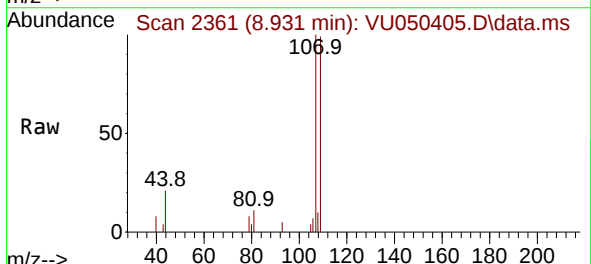
Tgt Ion:129 Resp: 7779
Ion Ratio Lower Upper
129 100
127 78.8 61.2 91.8

Manual Integrations
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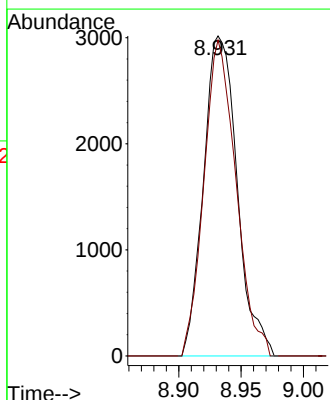
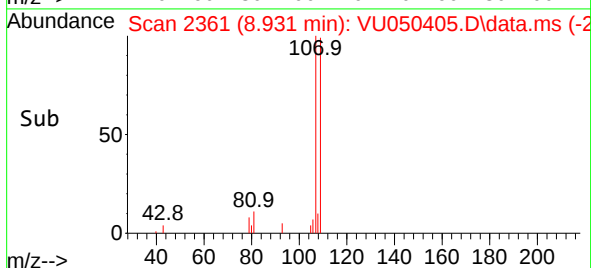
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022

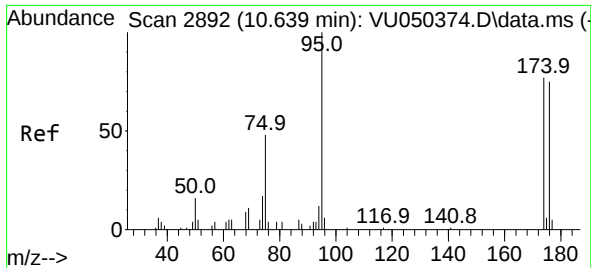


#56
1,2-Dibromoethane
Concen: 0.737 ug/l
RT: 8.931 min Scan# 2361
Delta R.T. 0.007 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57



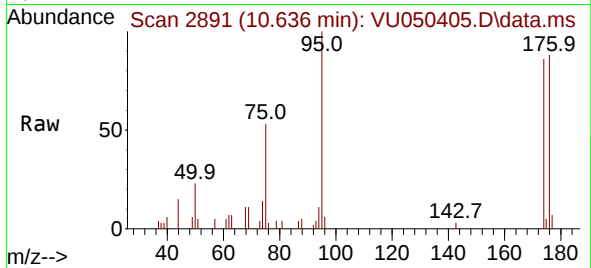
Tgt Ion:107 Resp: 5667
Ion Ratio Lower Upper
107 100
109 93.9 0.0 187.2





#57
4-Bromofluorobenzene
Concen: 0.837 ug/l
RT: 10.636 min Scan# 2892
Delta R.T. 0.003 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57

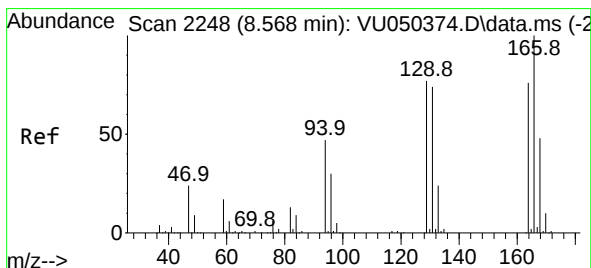
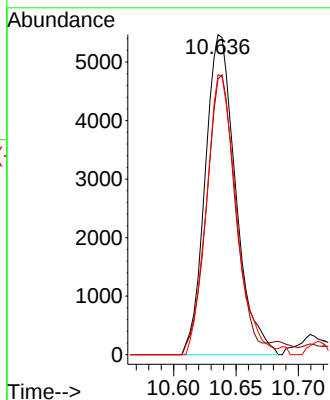
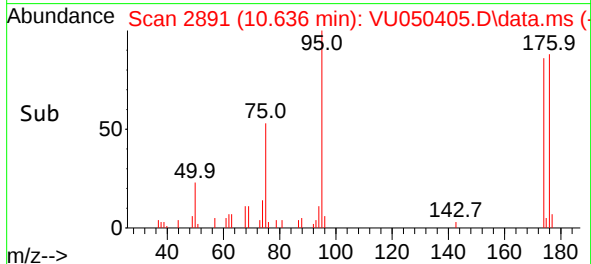
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2022



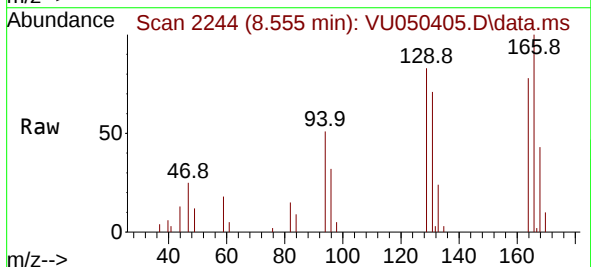
Tgt Ion: 95 Resp: 9302
Ion Ratio Lower Upper
95 100
174 83.6 62.4 93.6
176 85.5 56.2 84.2

Manual Integrations
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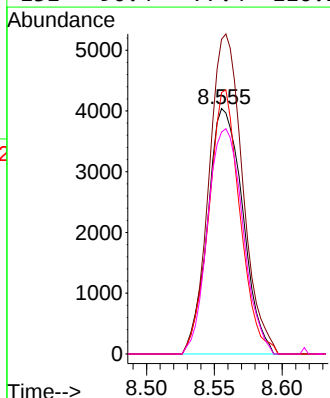
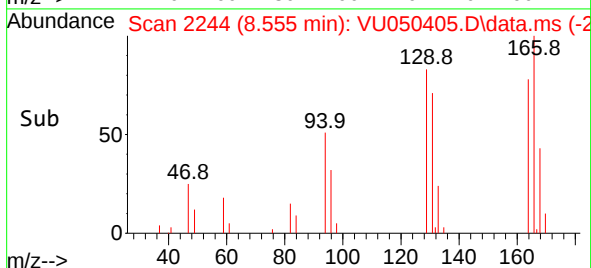
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022

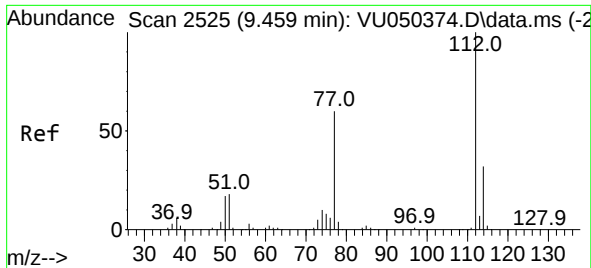


#58
Tetrachloroethene
Concen: 0.800 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57



Tgt Ion:164 Resp: 7273
Ion Ratio Lower Upper
164 100
166 128.2 102.4 153.6
129 106.5 79.5 119.3
131 90.4 77.4 116.2





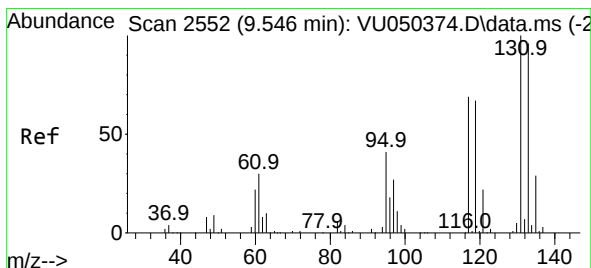
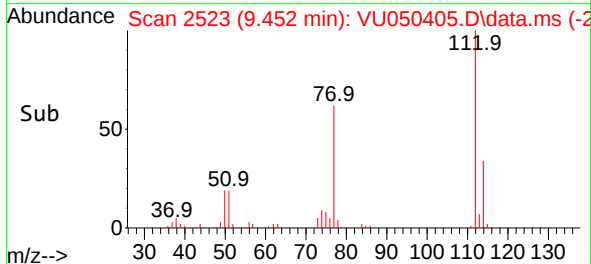
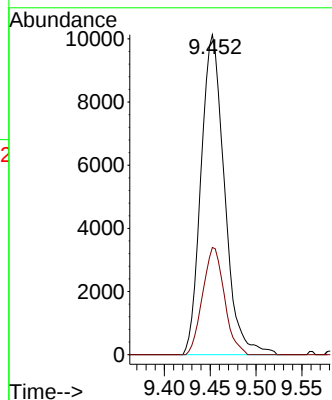
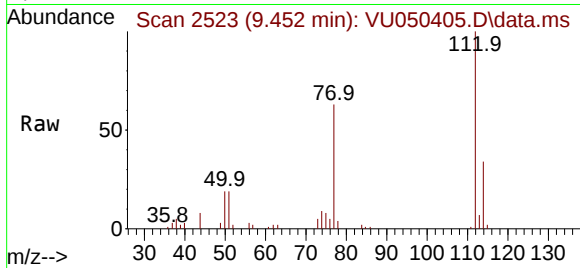
#59
Chlorobenzene
Concen: 0.773 ug/l
RT: 9.452 min Scan# 211
Delta R.T. 0.003 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57

Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:112 Resp: 1806
Ion Ratio Lower Upper
112 100
114 33.5 24.9 37.3

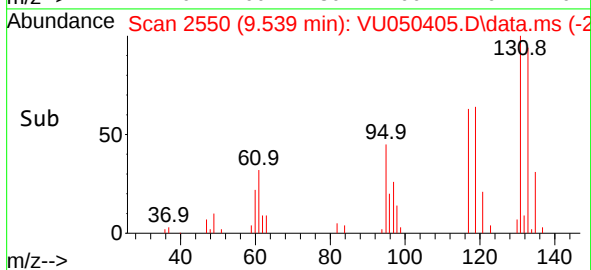
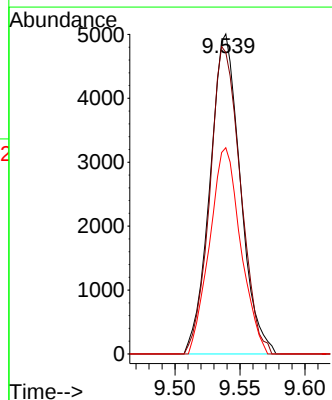
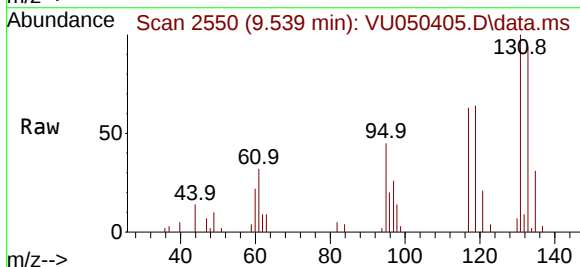
Manual Integrations
APPROVED

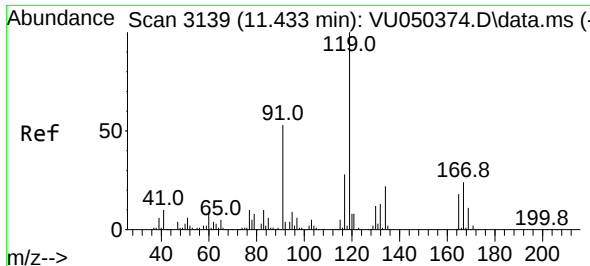
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#60
1,1,1,2-Tetrachloroethane
Concen: 0.828 ug/l
RT: 9.539 min Scan# 2550
Delta R.T. 0.003 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57

Tgt Ion:131 Resp: 8127
Ion Ratio Lower Upper
131 100
133 96.8 78.3 117.5
119 65.8 53.2 79.8





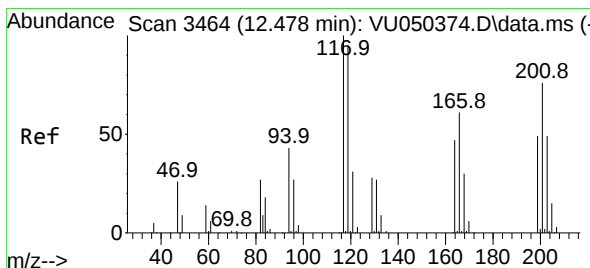
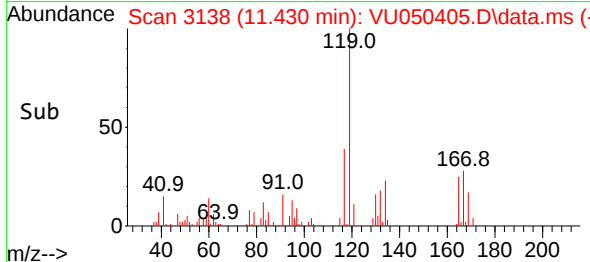
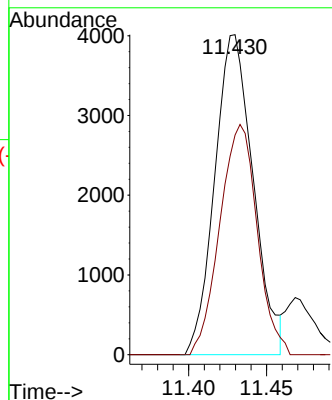
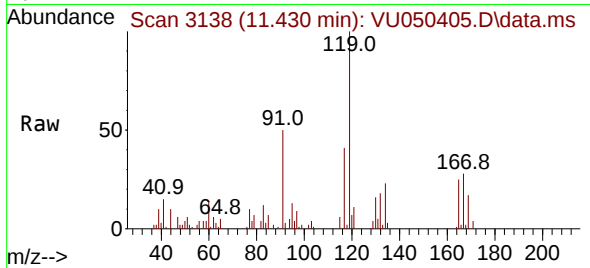
#61
Pentachloroethane
Concen: 0.842 ug/l
RT: 11.430 min Scan# 3139
Delta R.T. 0.000 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:117 Resp: 6870
Ion Ratio Lower Upper
117 100
167 70.0 66.2 99.4

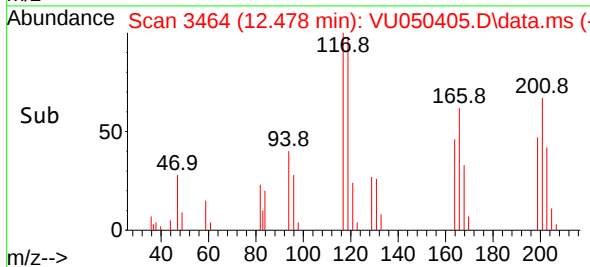
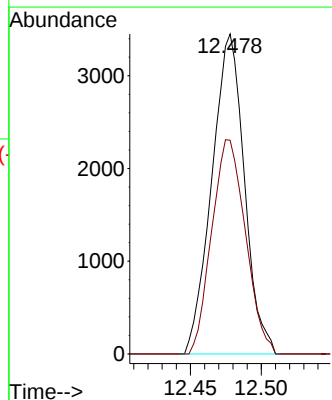
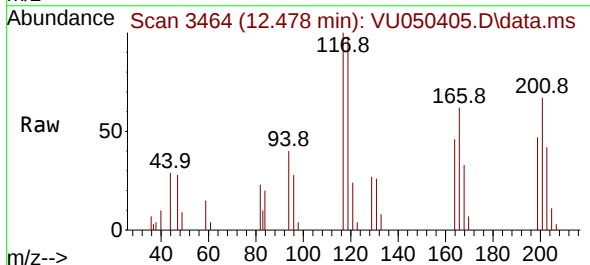
Manual Integrations
APPROVED

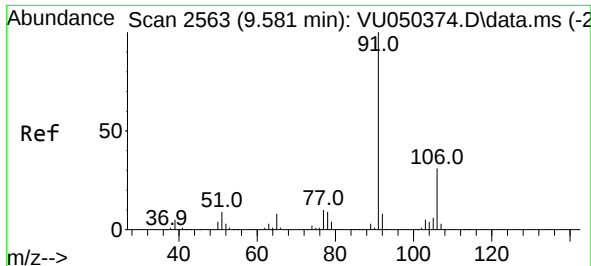
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#62
Hexachloroethane
Concen: 0.811 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.003 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57

Tgt Ion:117 Resp: 5512
Ion Ratio Lower Upper
117 100
201 69.4 61.0 91.4





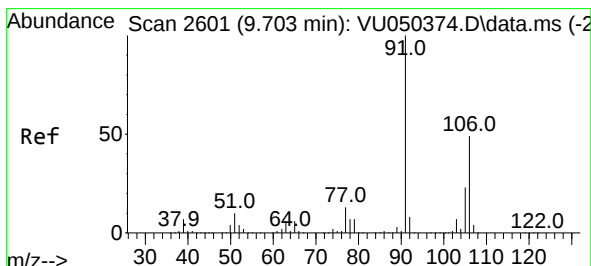
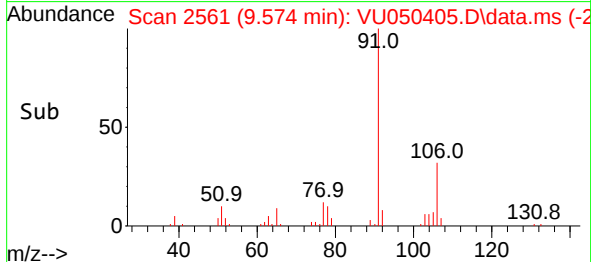
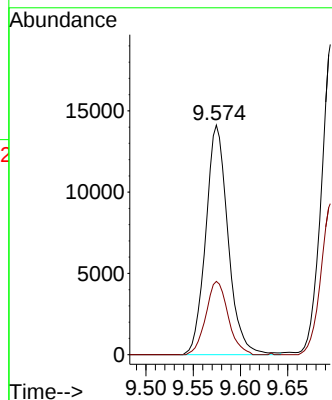
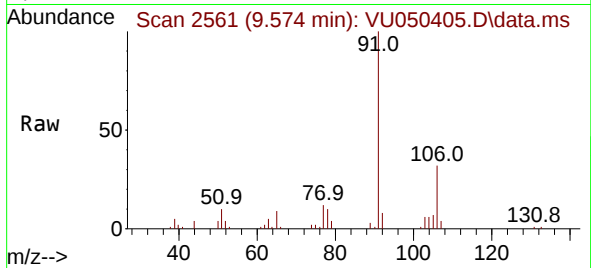
#63
Ethyl Benzene
Concen: 0.623 ug/l
RT: 9.574 min Scan# 2563
Delta R.T. 0.003 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 91 Resp: 2315
Ion Ratio Lower Upper
91 100
106 31.9 24.4 36.6

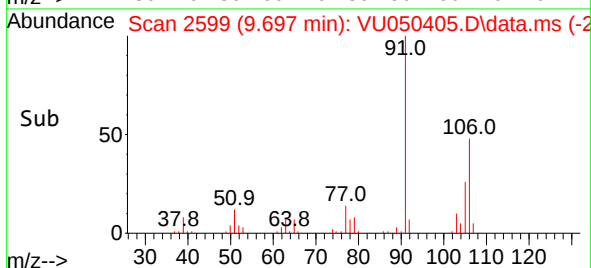
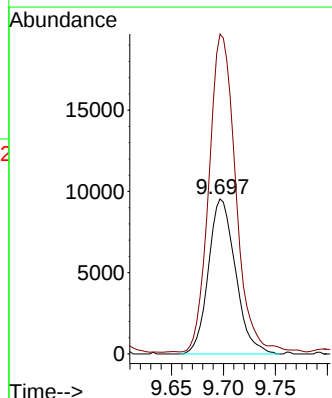
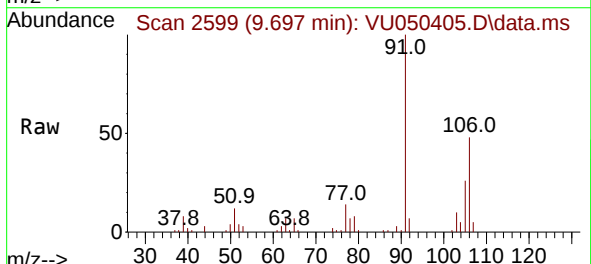
Manual Integrations
APPROVED

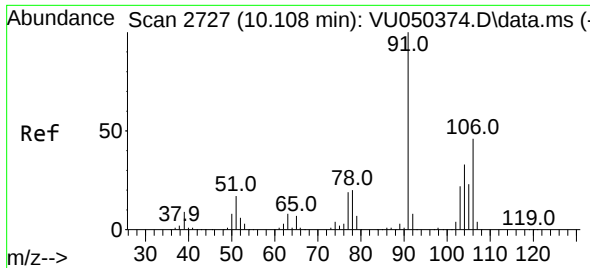
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#64
m/p-Xylenes
Concen: 1.191 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57

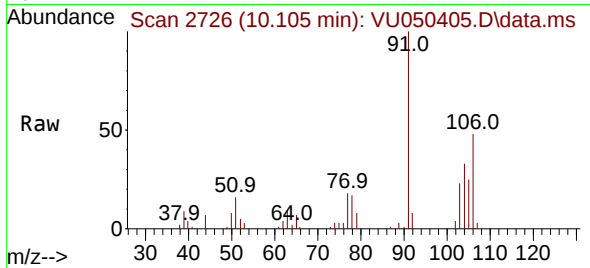
Tgt Ion:106 Resp: 17275
Ion Ratio Lower Upper
106 100
91 203.8 167.8 251.6





#65
o-Xylene
Concen: 0.634 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. 0.003 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57

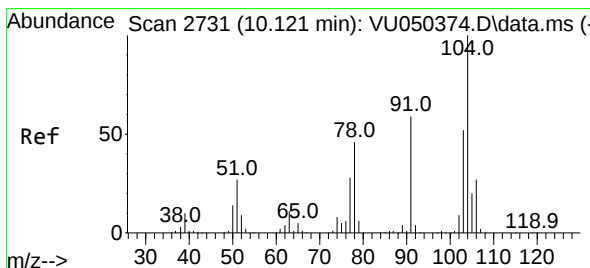
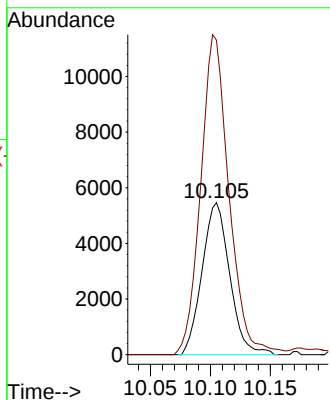
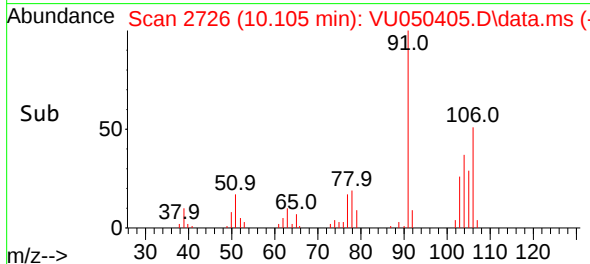
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2022



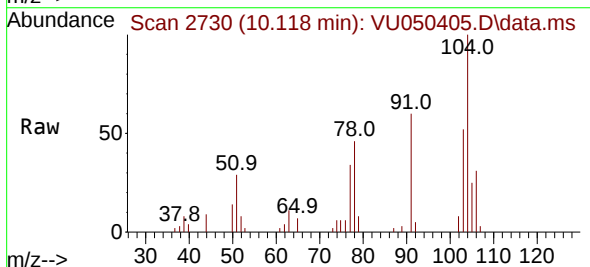
Tgt Ion:106 Resp: 875
Ion Ratio Lower Upper
106 100
91 215.0 111.1 333.2

Manual Integrations
APPROVED

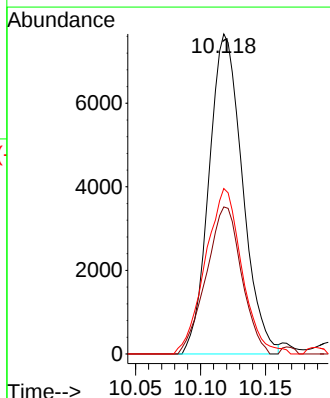
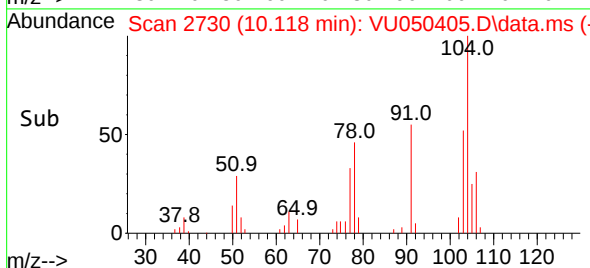
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022

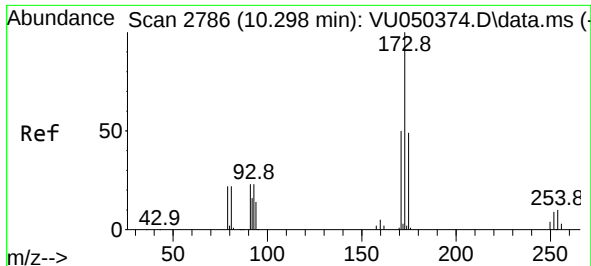


#66
Styrene
Concen: 0.584 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57



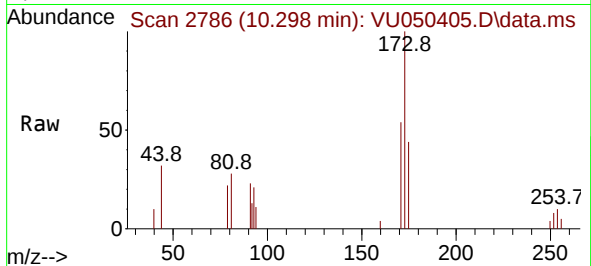
Tgt Ion:104 Resp: 13714
Ion Ratio Lower Upper
104 100
78 48.3 42.1 63.1
103 56.4 44.5 66.7





#67
Bromoform
Concen: 0.807 ug/l
RT: 10.298 min Scan# 2786
Delta R.T. 0.006 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57

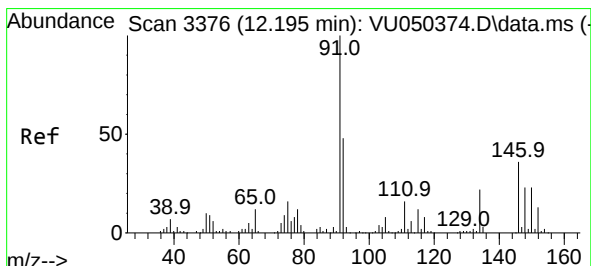
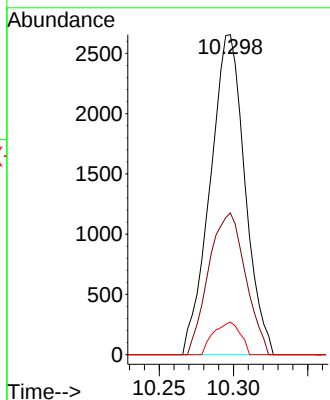
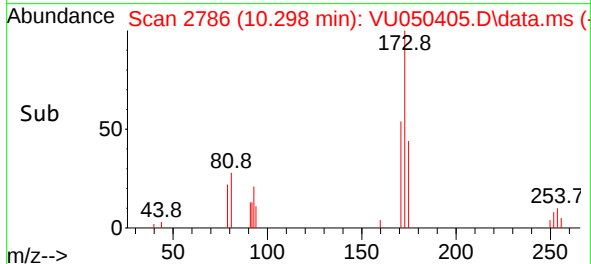
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



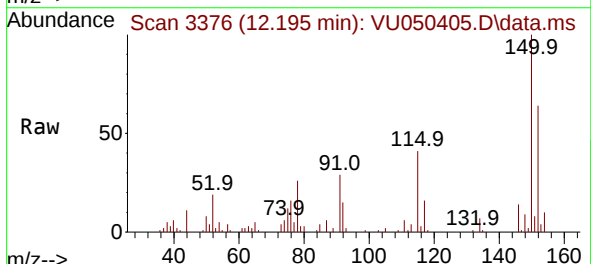
Tgt Ion:173 Resp: 4319
Ion Ratio Lower Upper
173 100
175 46.9 38.4 57.6
254 7.8 7.7 11.5

Manual Integrations
APPROVED

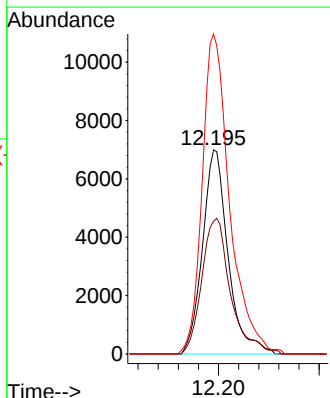
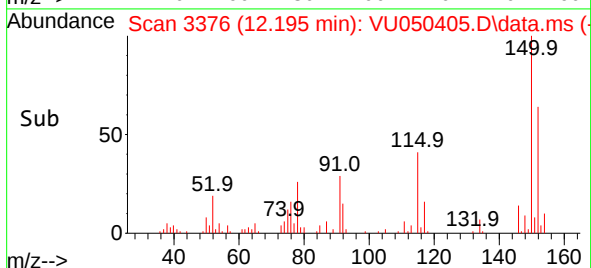
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022

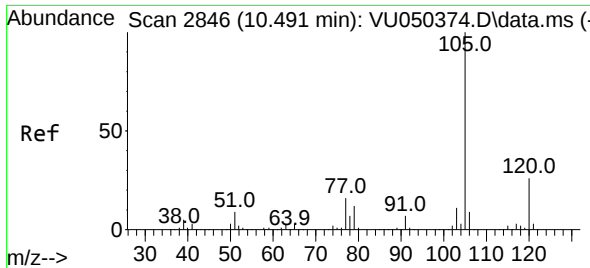


#68
1,2-Dichlorobenzene-d4
Concen: 0.939 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. 0.000 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57



Tgt Ion:152 Resp: 12330
Ion Ratio Lower Upper
152 100
115 74.5 0.0 254.6
150 168.3 0.0 623.6





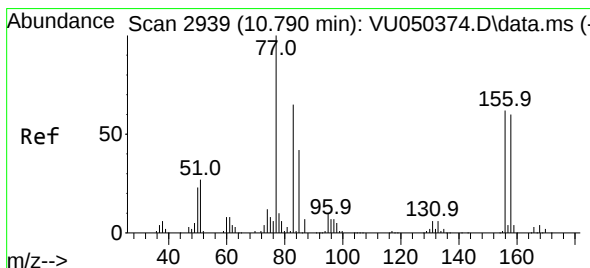
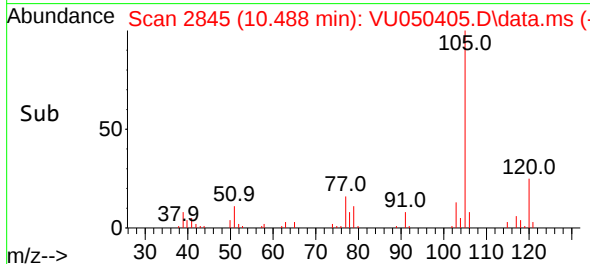
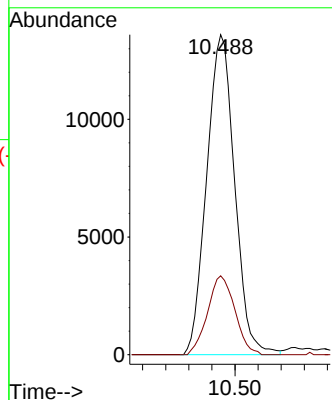
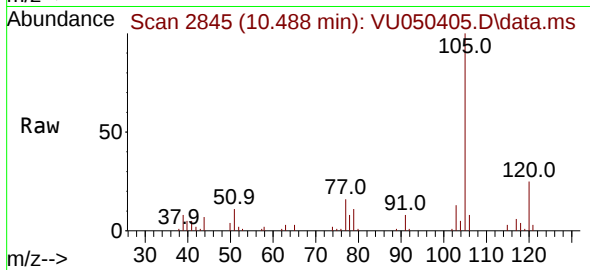
#69
Isopropylbenzene
Concen: 0.636 ug/l
RT: 10.488 min Scan# 2846
Delta R.T. 0.003 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2022

Tgt Ion:105 Resp: 22840
Ion Ratio Lower Upper
105 100
120 24.0 12.6 37.8

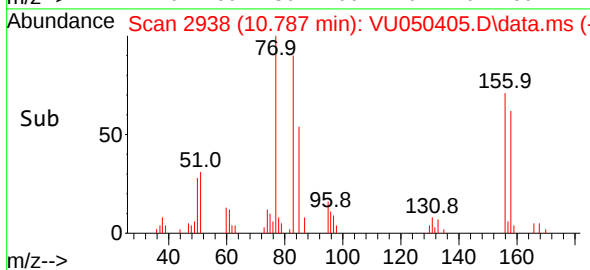
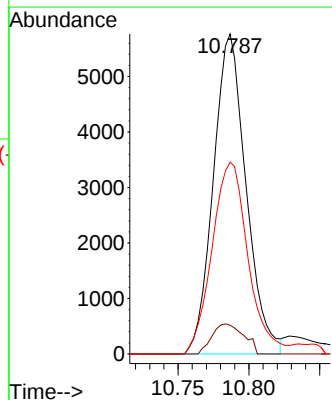
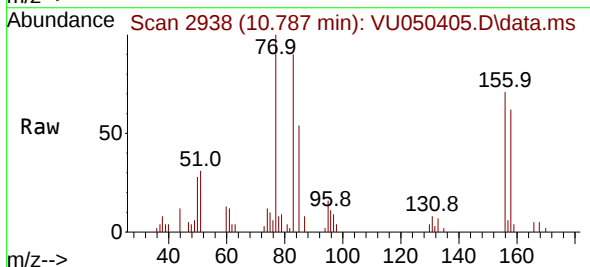
Manual Integrations
APPROVED

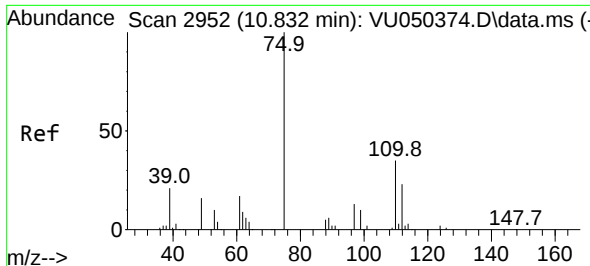
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#70
1,1,2,2-Tetrachloroethane
Concen: 0.786 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57

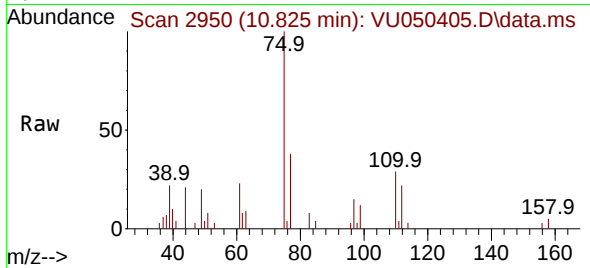
Tgt Ion: 83 Resp: 9260
Ion Ratio Lower Upper
83 100
131 9.1 7.7 11.5
85 66.0 51.2 76.8





#71
1,2,3-Trichloropropane
Concen: 0.616 ug/l m
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

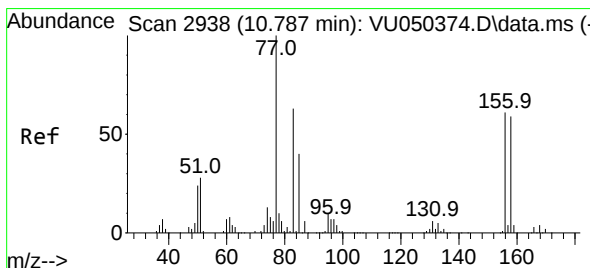
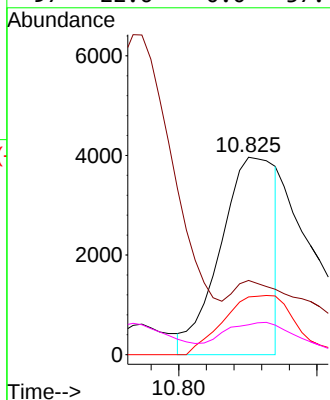
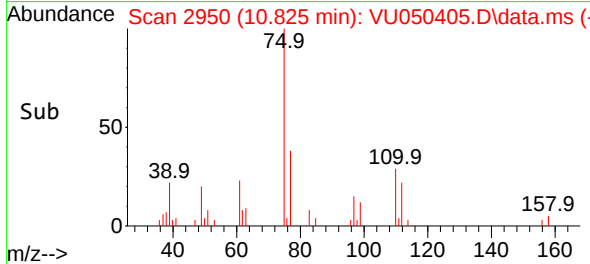


Tgt Ion: 75 Resp: 546

Ion	Ratio	Lower	Upper
75	100		
77	62.1	0.0	112.4
110	38.9	0.0	70.6
97	22.6	0.0	37.4

Manual Integrations
APPROVED

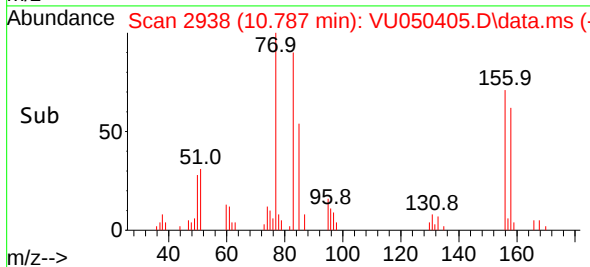
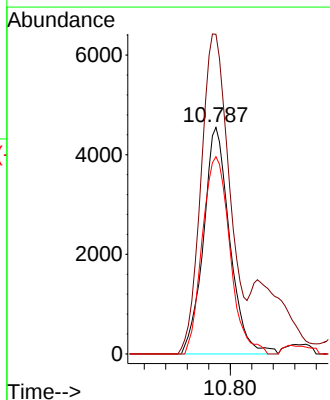
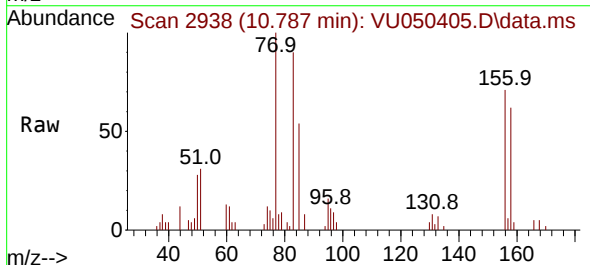
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022

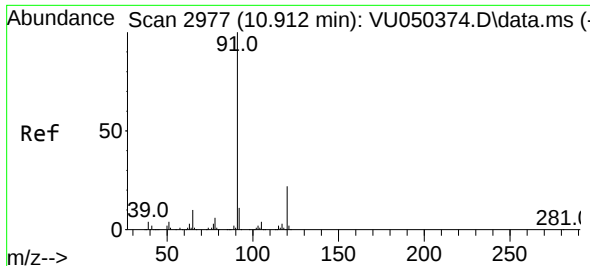


#72
Bromobenzene
Concen: 0.765 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57

Tgt Ion:156 Resp: 7709

Ion	Ratio	Lower	Upper
156	100		
77	153.0	0.0	344.4
158	91.9	0.0	192.2





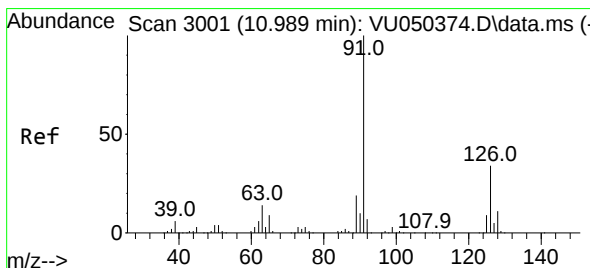
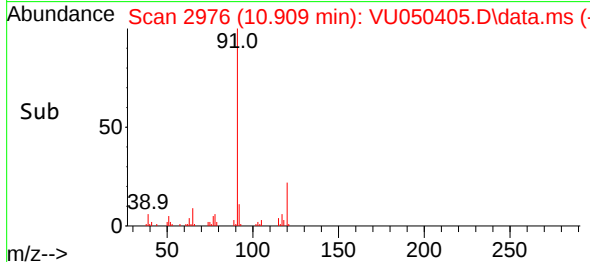
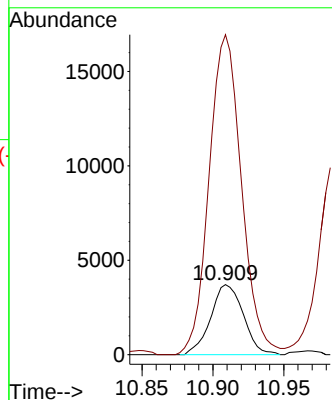
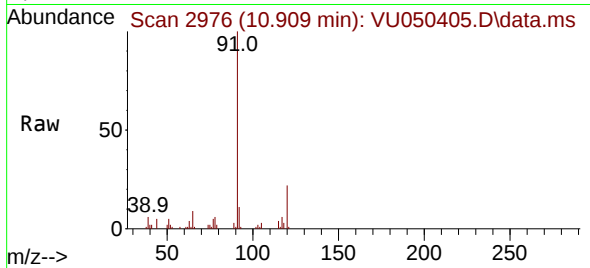
#73
n-propylbenzene
Concen: 0.609 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.003 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022

Tgt Ion:120 Resp: 595
Ion Ratio Lower Upper
120 100
91 454.0 367.8 551.6

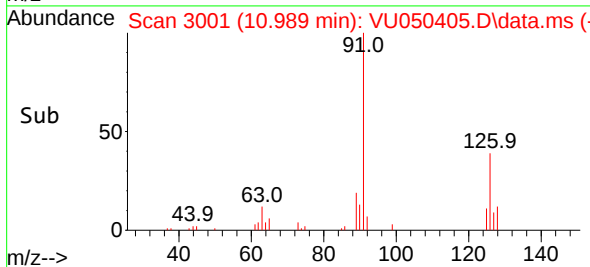
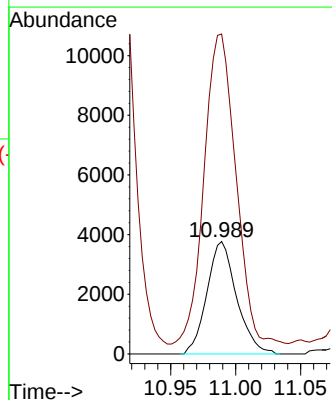
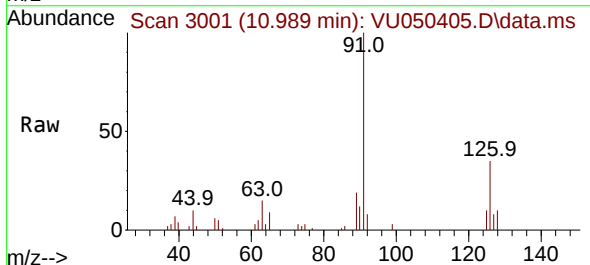
Manual Integrations
APPROVED

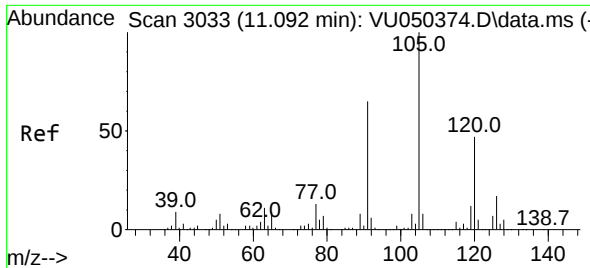
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#74
2-Chlorotoluene
Concen: 0.631 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.003 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57

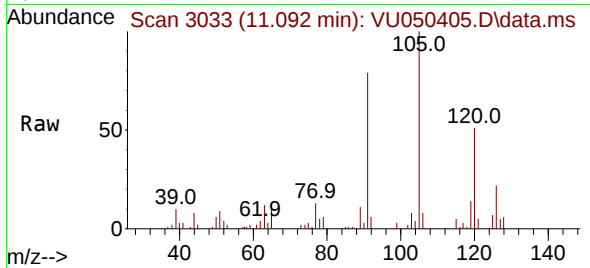
Tgt Ion:126 Resp: 5988
Ion Ratio Lower Upper
126 100
91 300.6 0.0 620.6





#75
1,3,5-Trimethylbenzene
Concen: 0.563 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.003 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57

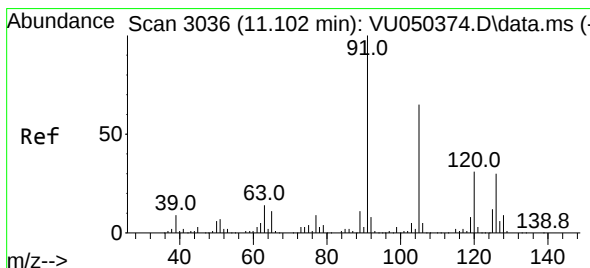
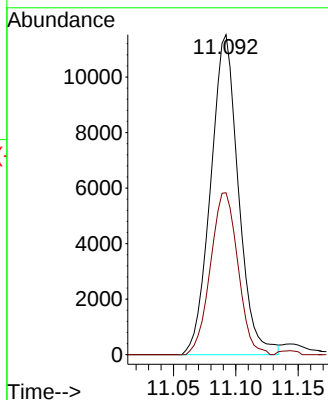
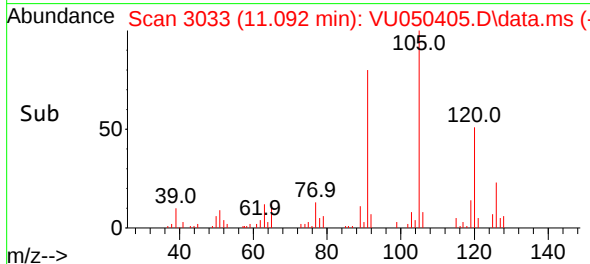
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



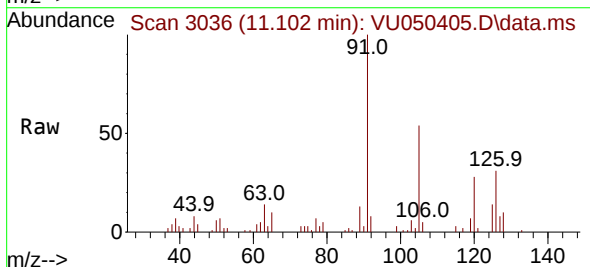
Tgt Ion:105 Resp: 17878
Ion Ratio Lower Upper
105 100
120 50.0 37.6 56.4

Manual Integrations
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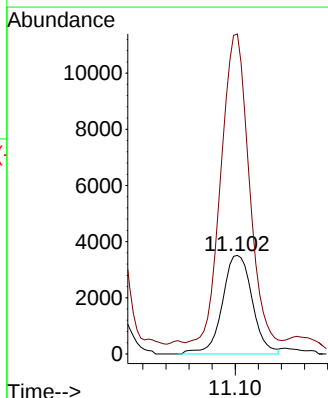
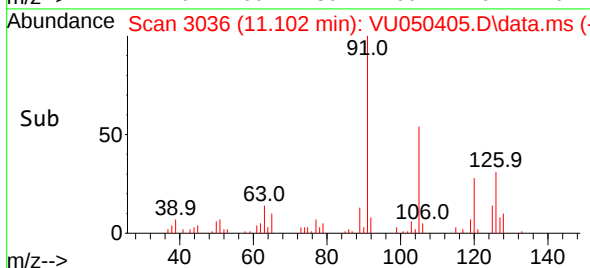
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022

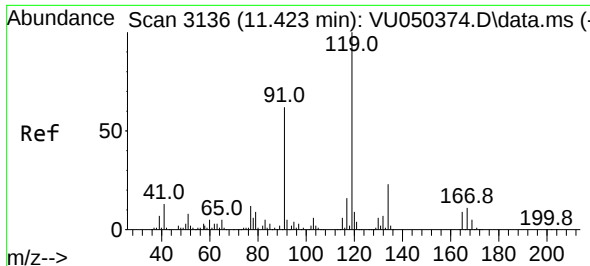


#76
4-Chlorotoluene
Concen: 0.648 ug/l
RT: 11.102 min Scan# 3036
Delta R.T. 0.003 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57



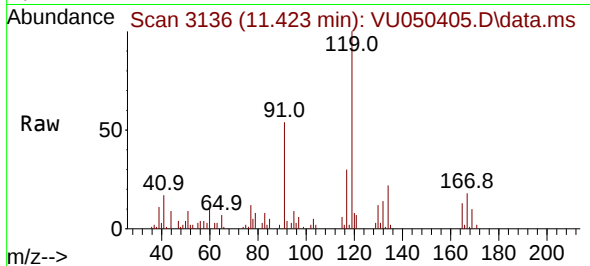
Tgt Ion:126 Resp: 6297
Ion Ratio Lower Upper
126 100
91 297.5 0.0 738.8





#77
tert-Butylbenzene
Concen: 0.661 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.003 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57

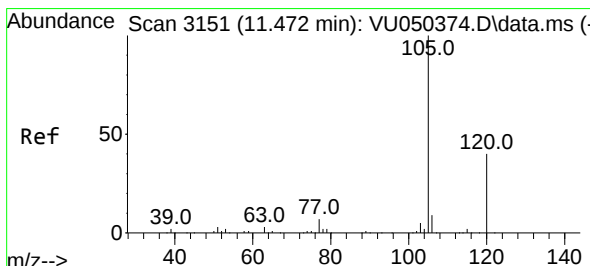
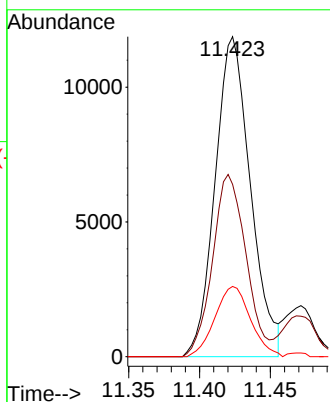
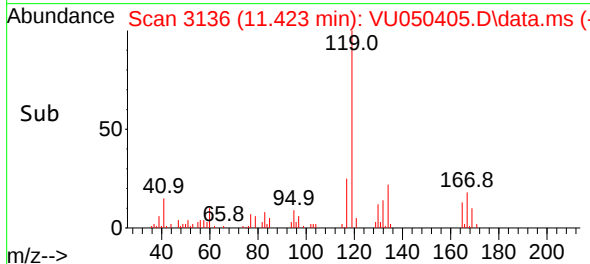
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion:119 Resp: 20652
Ion Ratio Lower Upper
119 100
91 53.7 30.4 91.3
134 22.1 17.8 26.6

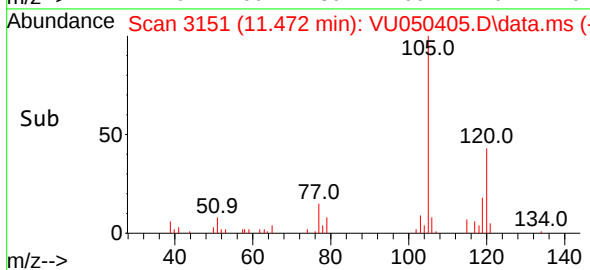
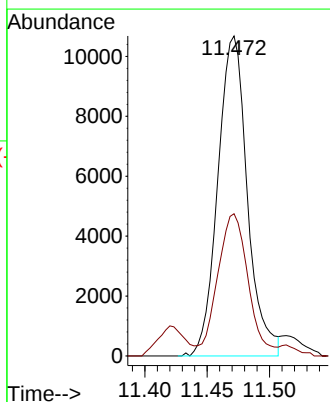
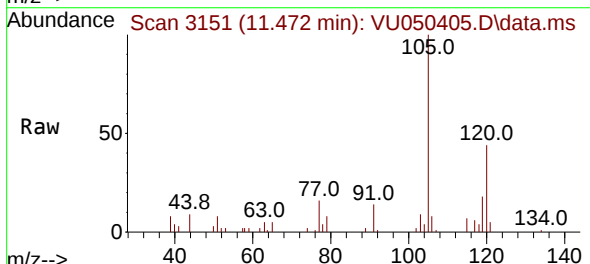
Manual Integrations
APPROVED

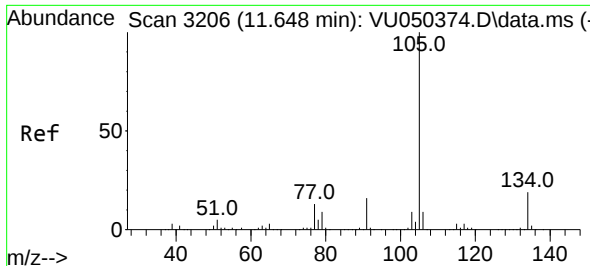
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#78
1,2,4-Trimethylbenzene
Concen: 0.538 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57

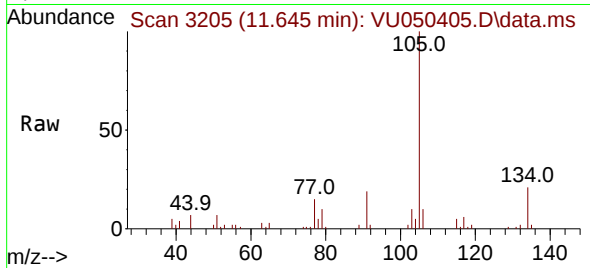
Tgt Ion:105 Resp: 17611
Ion Ratio Lower Upper
105 100
120 41.4 21.6 65.0





#79
 sec-Butylbenzene
 Concen: 0.605 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU050405.D
 Acq: 22 Aug 2022 18:57

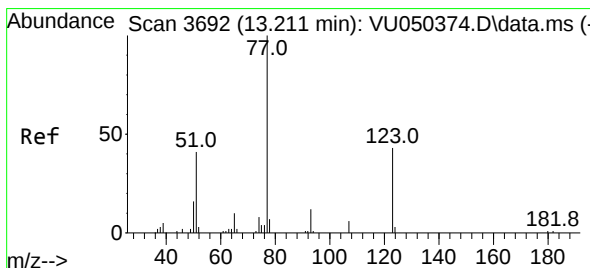
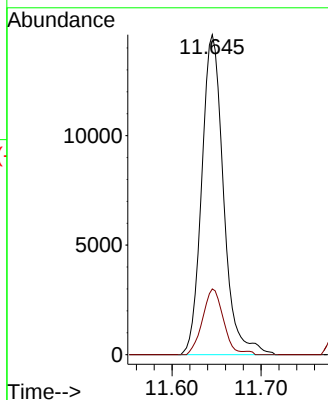
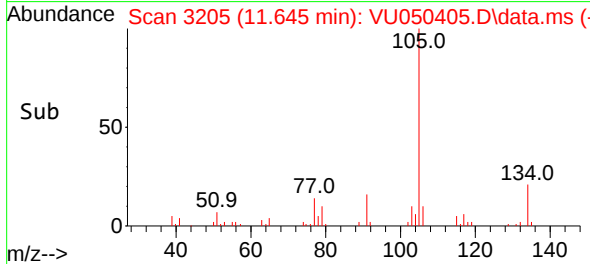
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2022



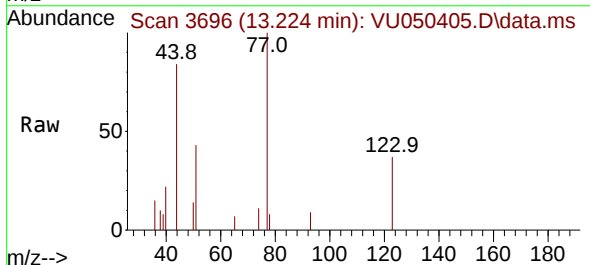
Tgt Ion:105 Resp: 2481
 Ion Ratio Lower Upper
 105 100
 134 19.5 15.4 23.0

Manual Integrations
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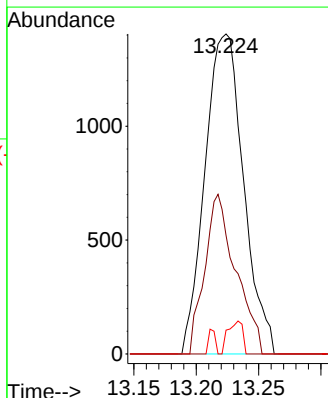
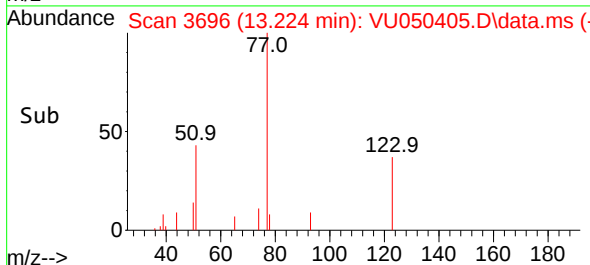
Reviewed By :Krupa Patel 08/27/2022
 Supervised By :Mahesh Dadoda 09/12/2022

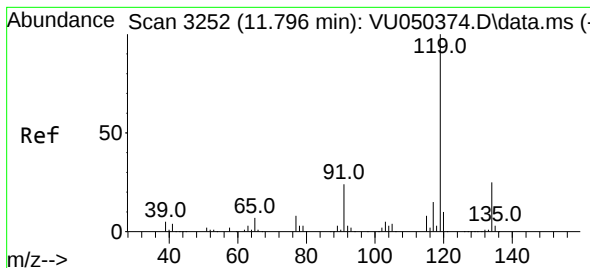


#80
 Nitrobenzene
 Concen: 4.727 ug/l
 RT: 13.224 min Scan# 3696
 Delta R.T. 0.016 min
 Lab File: VU050405.D
 Acq: 22 Aug 2022 18:57



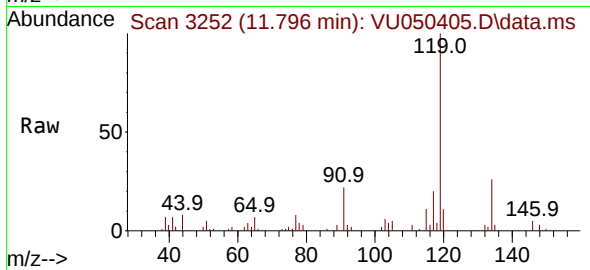
Tgt Ion: 77 Resp: 3023
 Ion Ratio Lower Upper
 77 100
 123 40.1 18.1 64.3
 65 1.3 10.8 13.8#





#81
p-Isopropyltoluene
Concen: 0.581 ug/l
RT: 11.796 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57

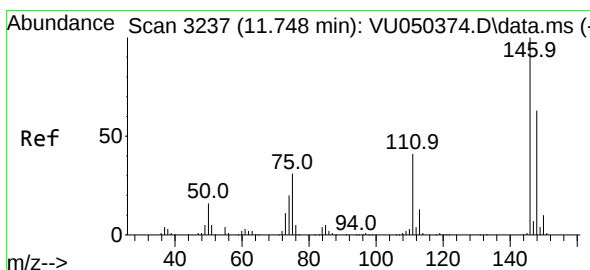
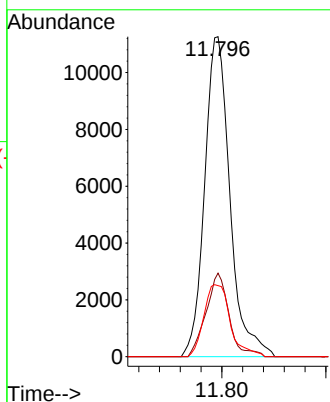
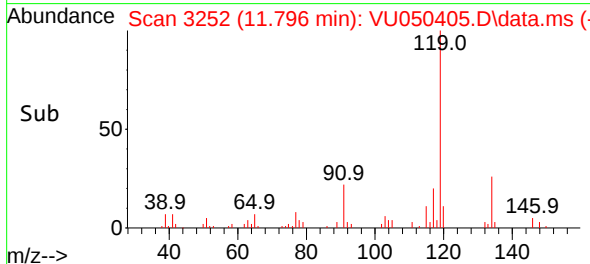
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



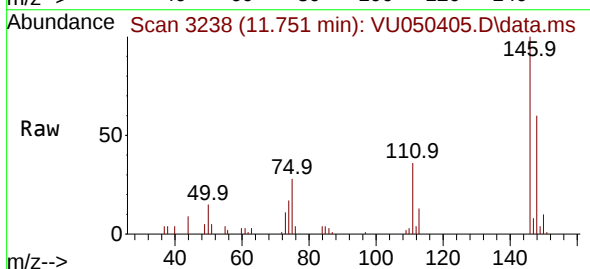
Tgt Ion:119 Resp: 1900
Ion Ratio Lower Upper
119 100
134 23.7 20.5 30.7
91 23.4 19.8 29.6

Manual Integrations
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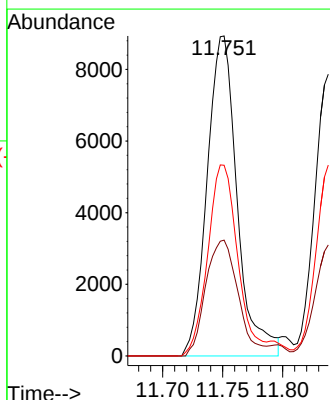
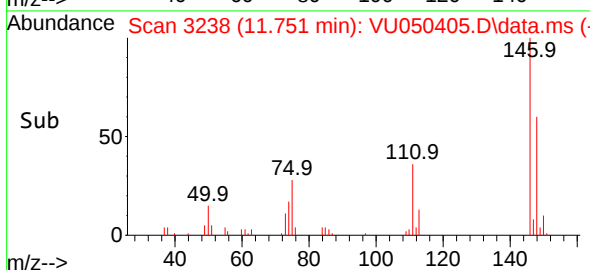
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022

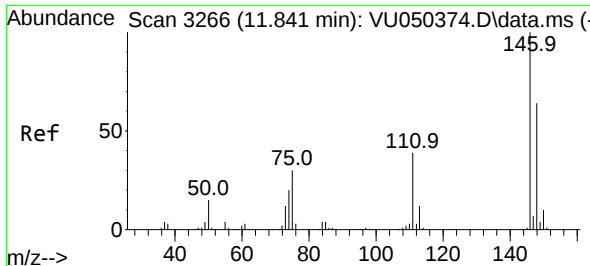


#82
1,3-Dichlorobenzene
Concen: 0.750 ug/l
RT: 11.751 min Scan# 3238
Delta R.T. 0.007 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57



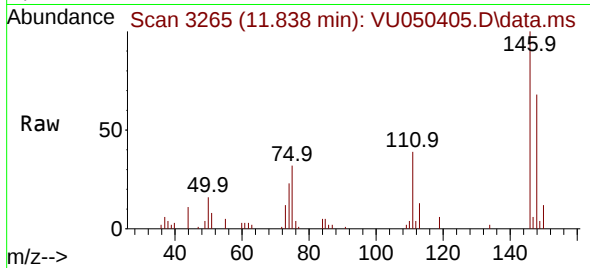
Tgt Ion:146 Resp: 15565
Ion Ratio Lower Upper
146 100
111 39.0 33.4 50.2
148 59.5 51.2 76.8





#83
1,4-Dichlorobenzene
Concen: 0.721 ug/l
RT: 11.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57

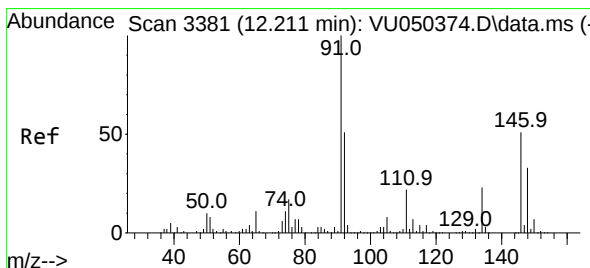
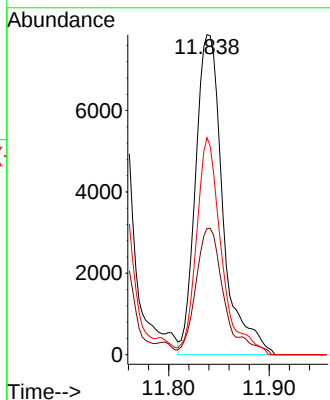
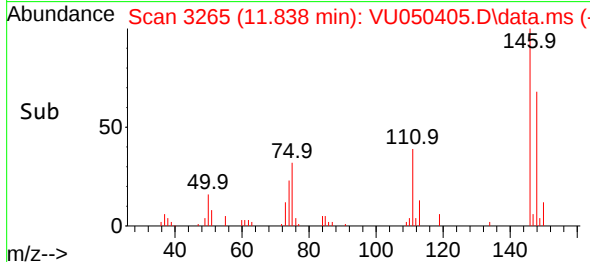
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



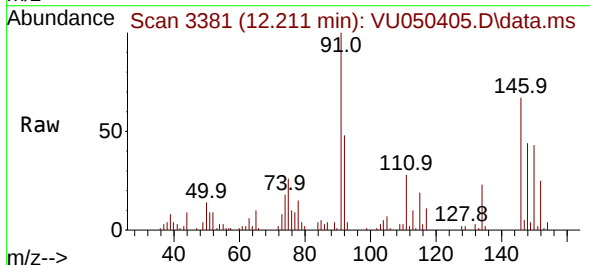
Tgt Ion:146 Resp: 14870
Ion Ratio Lower Upper
146 100
111 41.0 32.6 49.0
148 61.8 51.6 77.4

Manual Integrations
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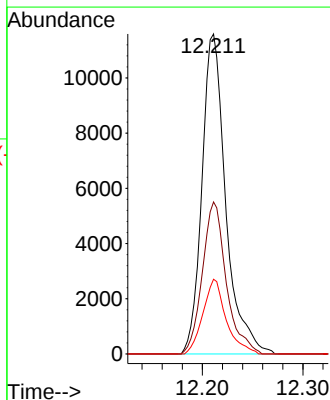
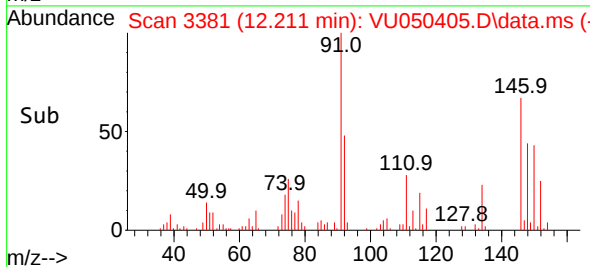
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022

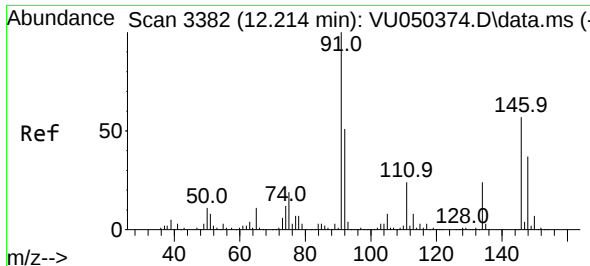


#84
n-Butylbenzene
Concen: 0.617 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57



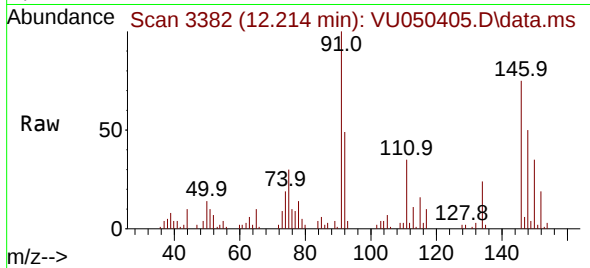
Tgt Ion: 91 Resp: 19084
Ion Ratio Lower Upper
91 100
92 47.7 42.3 63.5
134 22.8 19.6 29.4





#85
1,2-Dichlorobenzene
Concen: 0.728 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57

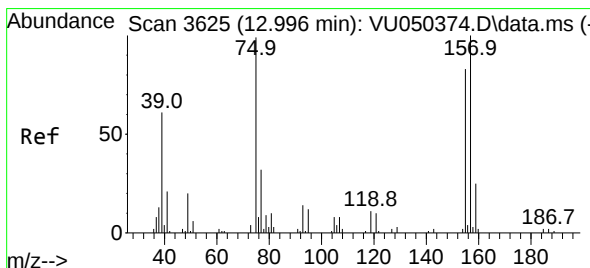
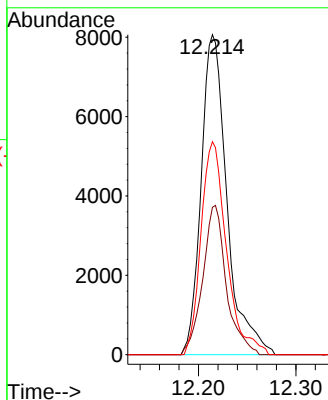
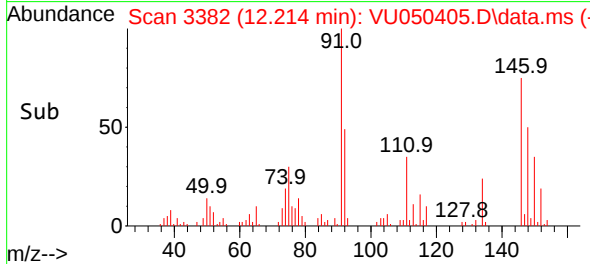
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2022



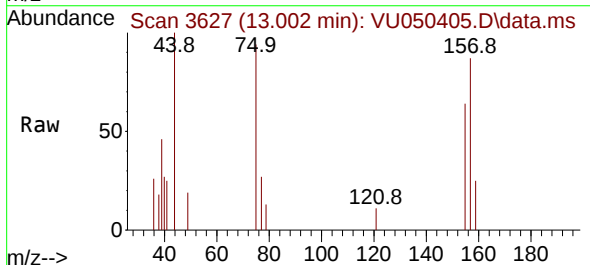
Tgt Ion:146 Resp: 1485
Ion Ratio Lower Upper
146 100
111 42.8 22.1 66.1
148 65.9 32.1 96.3

Manual Integrations
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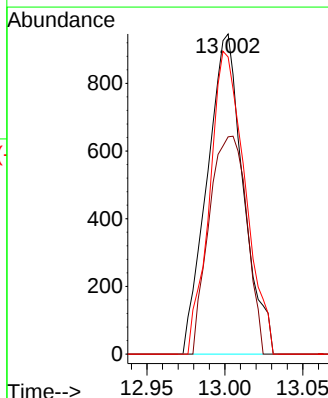
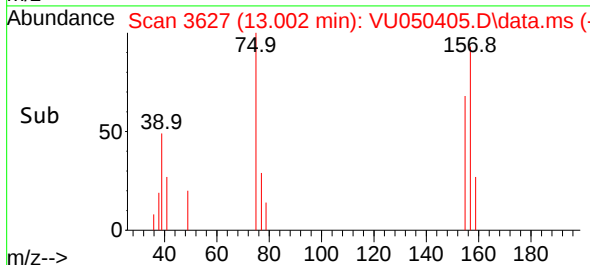
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.819 ug/l
RT: 13.002 min Scan# 3627
Delta R.T. 0.007 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57



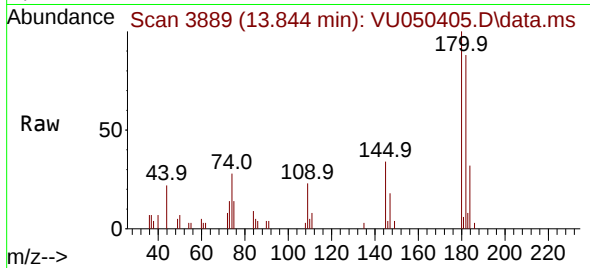
Tgt Ion: 75 Resp: 1524
Ion Ratio Lower Upper
75 100
155 70.9 66.8 100.2
157 93.2 83.8 125.8





#87
1,2,4-Trichlorobenzene
Concen: 0.712 ug/l
RT: 13.844 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57

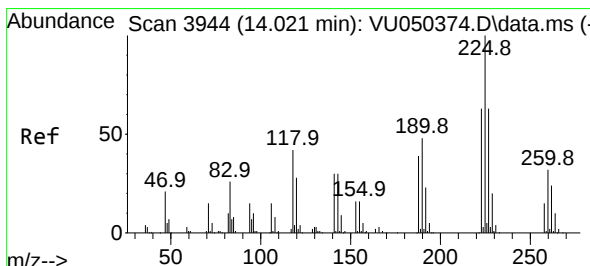
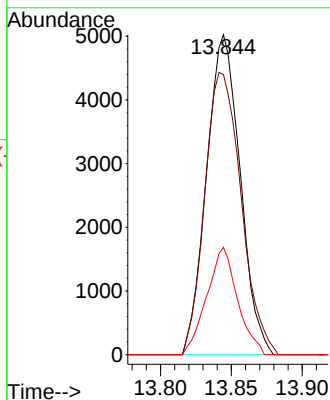
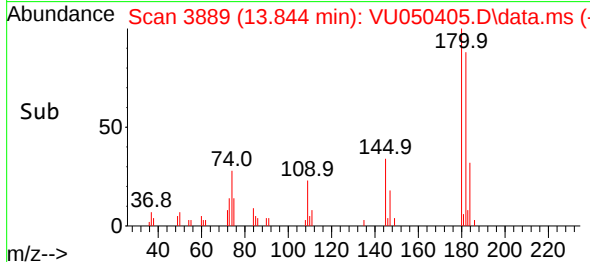
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion:180 Resp: 8290
Ion Ratio Lower Upper
180 100
182 95.2 77.0 115.6
145 30.6 25.7 38.5

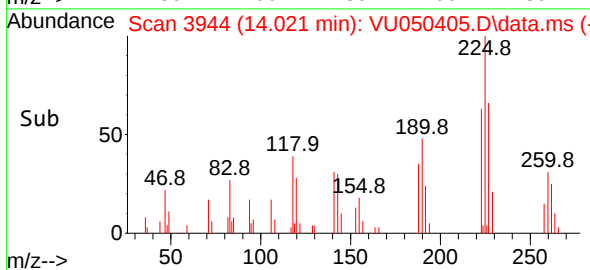
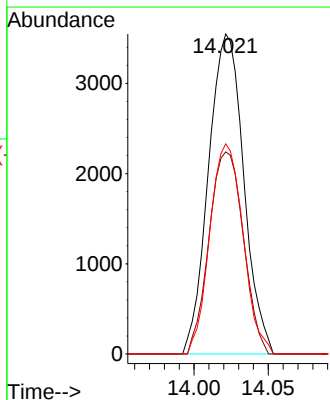
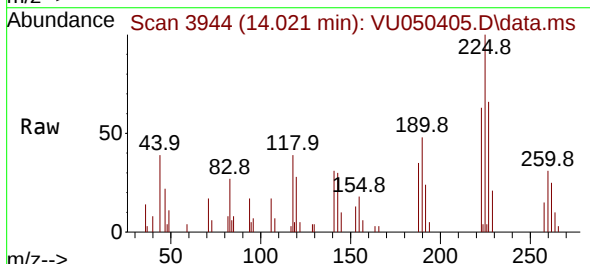
Manual Integrations
APPROVED

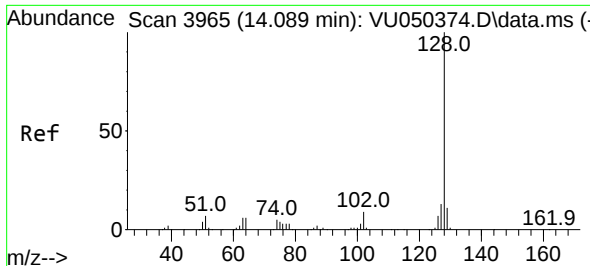
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#88
Hexachlorobutadiene
Concen: 0.773 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57

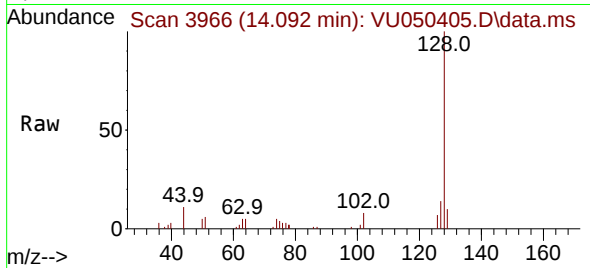
Tgt Ion:225 Resp: 5855
Ion Ratio Lower Upper
225 100
223 61.4 50.6 76.0
227 61.7 50.7 76.1





#89
Naphthalene
Concen: 0.627 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57

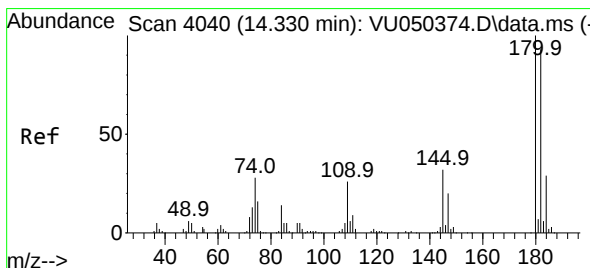
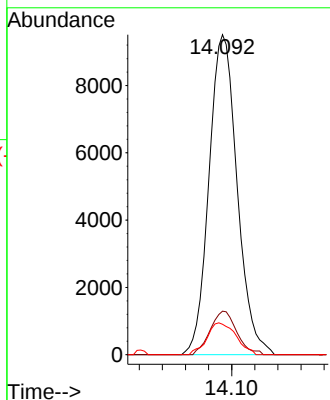
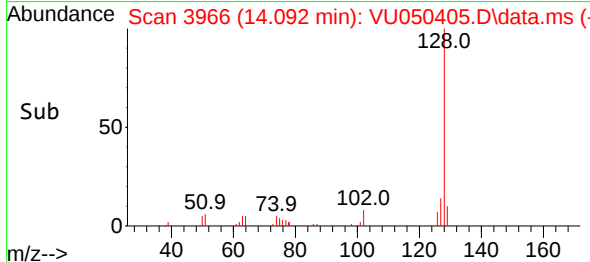
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



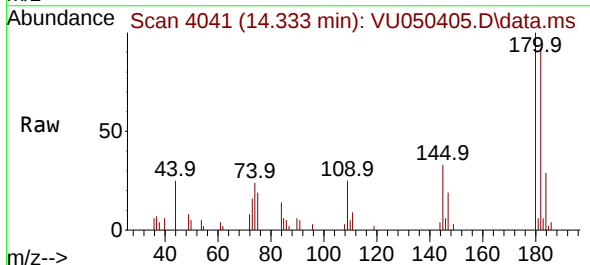
Tgt Ion:128 Resp: 16089
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 10.3 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#90
1,2,3-Trichlorobenzene
Concen: 0.669 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU050405.D
Acq: 22 Aug 2022 18:57



Tgt Ion:180 Resp: 8202
Ion Ratio Lower Upper
180 100
182 94.9 76.6 114.8
145 33.5 27.3 40.9

