

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082222\
 Data File : VU050406.D
 Acq On : 22 Aug 2022 19:24
 Operator : SY/MD
 Sample : N3980-08 0.5ppb
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT3-2022

Quant Time: Aug 23 09:11:10 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	6.118	96	32063	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	9082	0.832	ug/l	0.00
Spiked Amount 1.000			Recovery	=	83.000%	
68) 1,2-Dichlorobenzene-d4	12.198	152	11044	0.856	ug/l	0.00
Spiked Amount 1.000			Recovery	=	86.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	6315	0.476	ug/l	93
3) Chloromethane	1.520	50	9380	0.581	ug/l	98
4) Vinyl Chloride	1.604	62	7484	0.542	ug/l	95
5) Bromomethane	1.858	94	2327	0.412	ug/l	84
6) Chloroethane	1.935	64	4968	0.595	ug/l	94
7) Trichlorofluoromethane	2.141	101	8975	0.521	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	5002	0.519	ug/l	95
9) 1,1-Dichloroethene	2.584	96	4839	0.512	ug/l	94
10) Iodomethane	2.732	142	1389	0.178	ug/l	92
11) Allyl Chloride	2.938	41	8037	0.552	ug/l	96
12) Acrylonitrile	3.353	53	2736	0.966	ug/l	95
13) Acetone	2.642	43	4345	2.194	ug/l	100
14) Carbon Disulfide	2.803	76	16227	0.555	ug/l	96
15) Methylene Chloride	3.064	84	8622	0.675	ug/l	93
16) trans-1,2-Dichloroethene	3.375	96	5456	0.559	ug/l	94
17) 1,1-Dichloroethane	3.887	63	10977	0.540	ug/l	99
18) 2-Butanone	4.761	43	7507m	2.410	ug/l	
19) Cyclohexane	5.366	56	8112m	0.550	ug/l	
20) Methylcyclohexane	6.790	83	4970	0.427	ug/l	98
21) 2,2-Dichloropropane	4.671	77	7443	0.482	ug/l	96
22) cis-1,2-Dichloroethene	4.674	96	5811	0.526	ug/l	88
23) Diethyl Ether	2.382	59	4160	0.513	ug/l	94
24) tert-Butyl Alcohol	3.221	59	3795	4.423	ug/l #	73
25) Methyl tert-Butyl Ether	3.398	73	13110	0.523	ug/l	94
26) Bromochloromethane	4.973	128	2419	0.546	ug/l	87
27) Chloroform	5.089	83	11295	0.573	ug/l	92
28) 1,1,1-Trichloroethane	5.308	97	8918	0.531	ug/l	97
29) 1,1-Dichloropropene	5.510	75	7774	0.577	ug/l	92
30) Carbon Tetrachloride	5.507	117	7270	0.540	ug/l	84
31) Isopropyl Ether	4.028	45	17485	0.554	ug/l	90
32) Ethyl-t-butyl ether	4.536	59	12080	0.488	ug/l	98
33) Tert-Amyl methyl ether	5.964	73	7342m	0.455	ug/l	
34) Propionitrile	4.822	54	2383m	2.590	ug/l	
35) Benzene	5.761	78	21151	0.534	ug/l	98
36) 1,2-Dichloroethane	5.797	62	6608	0.547	ug/l #	93
37) Trichloroethene	6.571	130	4564	0.481	ug/l	88
38) 1,2-Dichloropropane	6.829	63	5426	0.511	ug/l	96
39) Methacrylonitrile	4.999	41	2224	0.589	ug/l #	57
40) Methyl acrylate	4.874	55	3417m	0.594	ug/l	
41) Tetrahydrofuran	5.096	42	2381	1.259	ug/l #	77
42) 1-Chlorobutane	5.446	56	10599	0.553	ug/l	96
43) Dibromomethane	6.960	93	2875	0.502	ug/l	95
44) Bromodichloromethane	7.141	83	7209	0.533	ug/l	96

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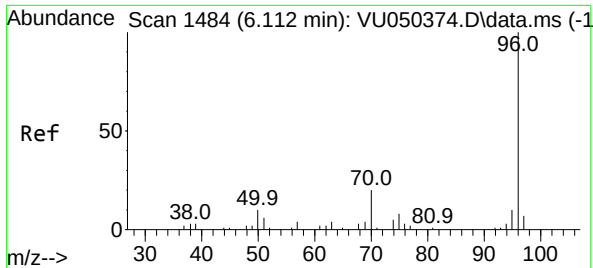
Quant Time: Aug 23 09:11:10 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.835	43	11933	2.076	ug/l	95
46) t-1,4-Dichloro-2-butene	10.832	75	3129m	1.078	ug/l	
47) Methyl methacrylate	7.012	69	3526	0.823	ug/l #	92
48) Ethyl methacrylate	8.366	69	2750	0.352	ug/l	99
49) Toluene	7.989	92	8785	0.413	ug/l	98
50) t-1,3-Dichloropropene	8.234	75	4508	0.428	ug/l	89
51) cis-1,3-Dichloropropene	7.636	75	5137	0.426	ug/l	99
52) 1,1,2-Trichloroethane	8.420	97	4192	0.498	ug/l	95
53) 1,3-Dichloropropane	8.594	76	6291	0.475	ug/l	99
54) 2-Hexanone	8.716	43	7728	1.930	ug/l	90
55) Dibromochloromethane	8.825	129	4686	0.506	ug/l	96
56) 1,2-Dibromoethane	8.944	107	3558	0.471	ug/l	98
58) Tetrachloroethene	8.568	164	4508	0.505	ug/l	93
59) Chlorobenzene	9.459	112	10410	0.454	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.549	131	4829	0.501	ug/l	95
61) Pentachloroethane	11.430	117	3657	0.456	ug/l	95
62) Hexachloroethane	12.478	117	3328	0.498	ug/l	96
63) Ethyl Benzene	9.581	91	13829	0.378	ug/l	96
64) m/p-Xylenes	9.703	106	9999	0.702	ug/l	94
65) o-Xylene	10.111	106	5298	0.390	ug/l	94
66) Styrene	10.124	104	7521	0.326	ug/l	96
67) Bromoform	10.301	173	2484	0.472	ug/l #	97
69) Isopropylbenzene	10.491	105	12695	0.360	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.790	83	5874	0.507	ug/l	97
71) 1,2,3-Trichloropropane	10.832	75	4135m	0.475	ug/l	
72) Bromobenzene	10.790	156	4212	0.425	ug/l	90
73) n-propylbenzene	10.912	120	3177	0.331	ug/l	87
74) 2-Chlorotoluene	10.993	126	3535	0.379	ug/l	88
75) 1,3,5-Trimethylbenzene	11.092	105	10201	0.327	ug/l	99
76) 4-Chlorotoluene	11.105	126	3365	0.352	ug/l	78
77) tert-Butylbenzene	11.427	119	11269	0.367	ug/l	96
78) 1,2,4-Trimethylbenzene	11.472	105	10357	0.322	ug/l	93
79) sec-Butylbenzene	11.648	105	14464	0.359	ug/l	100
80) Nitrobenzene	13.217	77	1693	2.694	ug/l #	65
81) p-Isopropyltoluene	11.796	119	11171	0.347	ug/l	98
82) 1,3-Dichlorobenzene	11.751	146	9099	0.446	ug/l	95
83) 1,4-Dichlorobenzene	11.841	146	8466	0.417	ug/l	98
84) n-Butylbenzene	12.211	91	11681	0.384	ug/l	97
85) 1,2-Dichlorobenzene	12.214	146	8525	0.425	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	13.002	75	777	0.425	ug/l #	88
87) 1,2,4-Trichlorobenzene	13.844	180	5646	0.493	ug/l	98
88) Hexachlorobutadiene	14.021	225	3713	0.499	ug/l	95
89) Naphthalene	14.092	128	10703	0.425	ug/l	99
90) 1,2,3-Trichlorobenzene	14.333	180	5553	0.461	ug/l	98

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



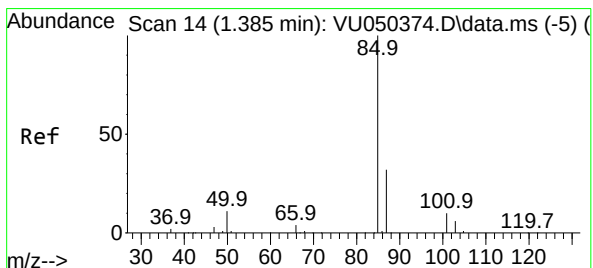
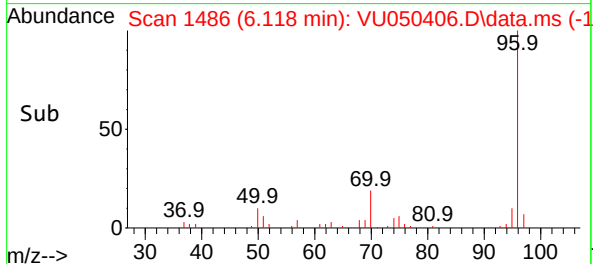
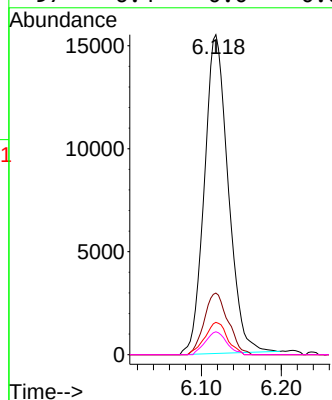
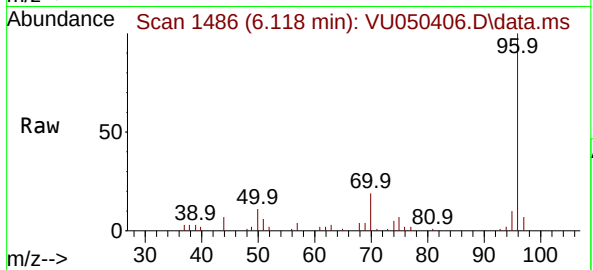
#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion: 96	Resp: 3206
Ion Ratio	Lower Upper
96 100	
70 19.3	16.7 25.1
95 9.6	7.4 11.0
97 6.4	0.0 0.0

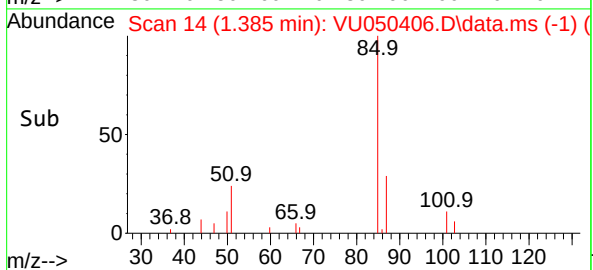
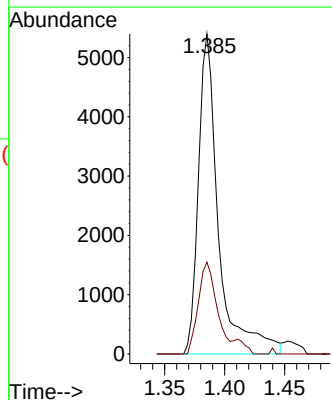
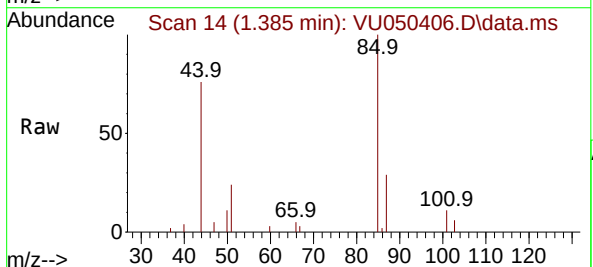
Manual Integrations
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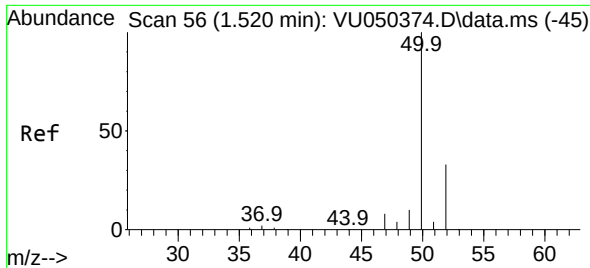
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#2
Dichlorodifluoromethane
Concen: 0.476 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

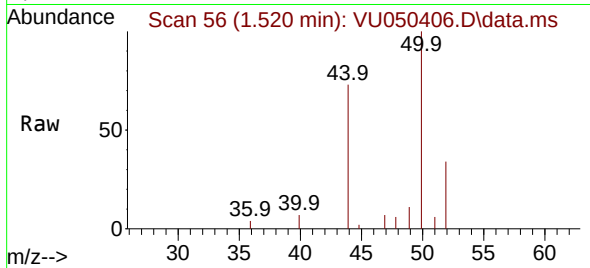
Tgt Ion: 85	Resp: 6315
Ion Ratio	Lower Upper
85 100	
87 28.7	16.3 48.8





#3
Chloromethane
Concen: 0.581 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

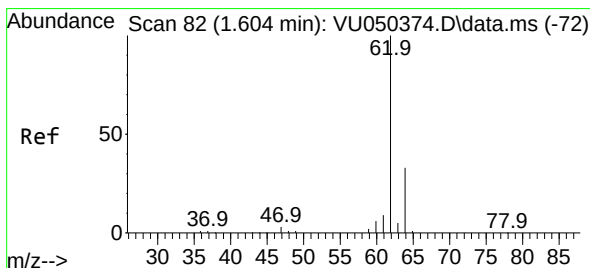
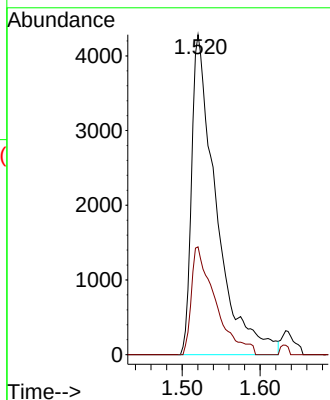
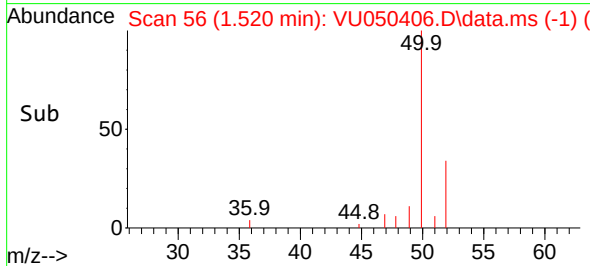
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 50 Resp: 9380
Ion Ratio Lower Upper
50 100
52 33.7 26.1 39.1

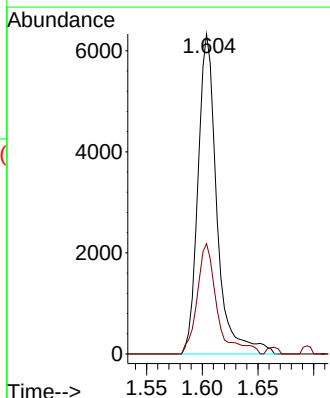
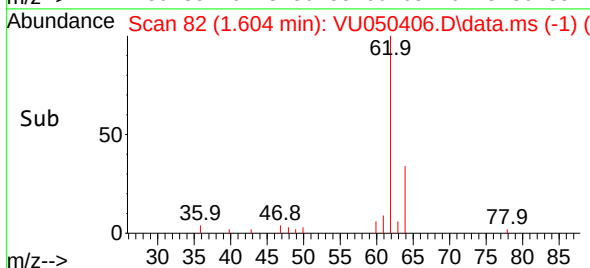
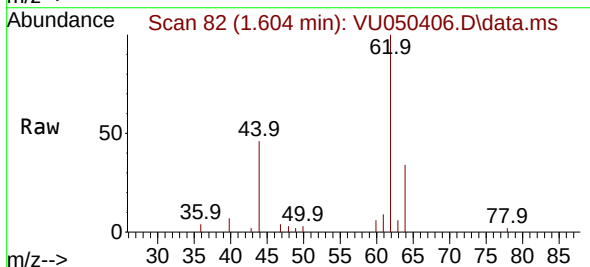
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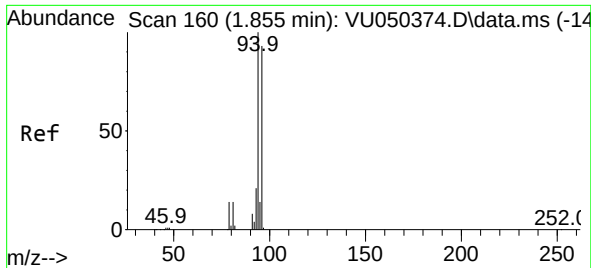
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#4
Vinyl Chloride
Concen: 0.542 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

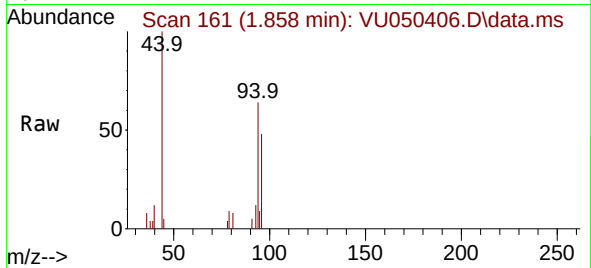
Tgt Ion: 62 Resp: 7484
Ion Ratio Lower Upper
62 100
64 34.5 25.5 38.3





#5
Bromomethane
Concen: 0.412 ug/l
RT: 1.858 min Scan# 160
Delta R.T. 0.007 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

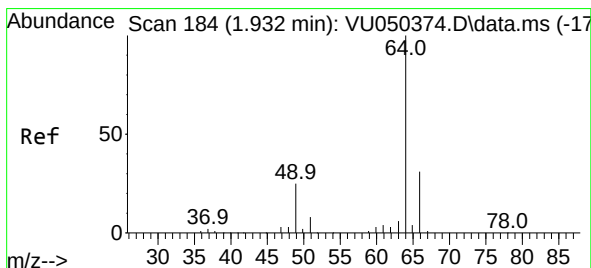
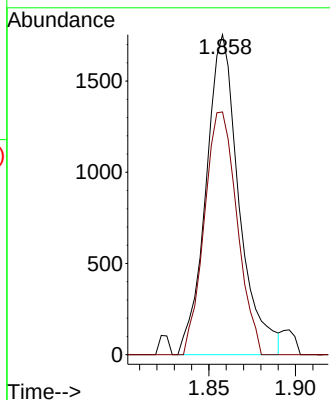
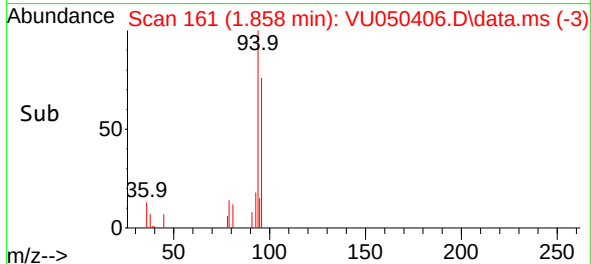
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LOQ-WATER-02-QT3-2022



Tgt Ion: 94 Resp: 232
Ion Ratio Lower Upper
94 100
96 75.8 73.0 109.6

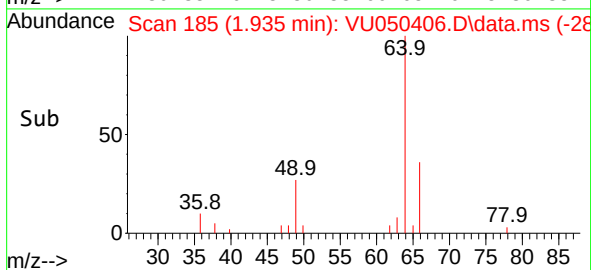
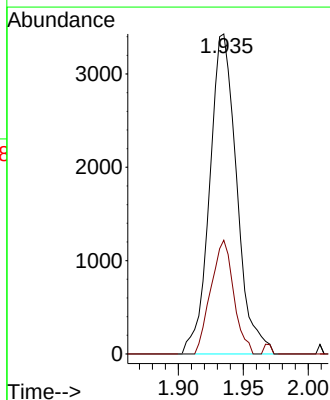
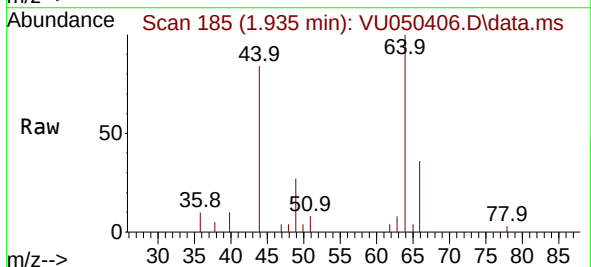
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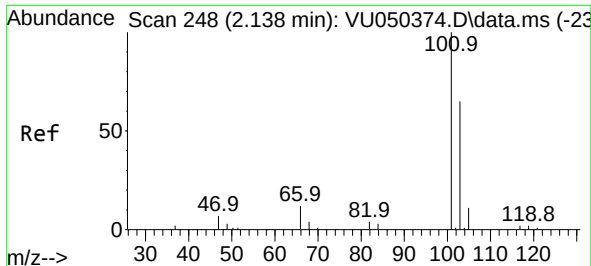
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#6
Chloroethane
Concen: 0.595 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.003 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

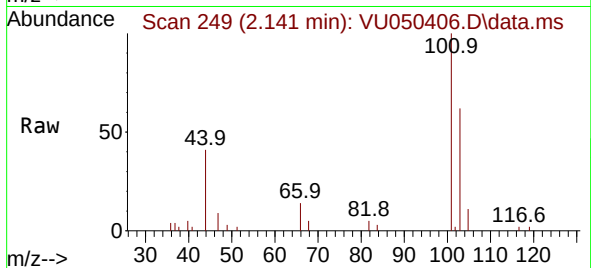
Tgt Ion: 64 Resp: 4968
Ion Ratio Lower Upper
64 100
66 35.5 25.8 38.6





#7
Trichlorofluoromethane
Concen: 0.521 ug/l
RT: 2.141 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

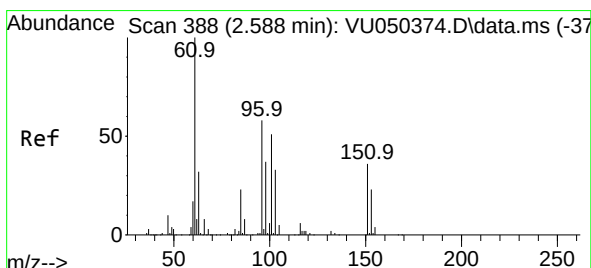
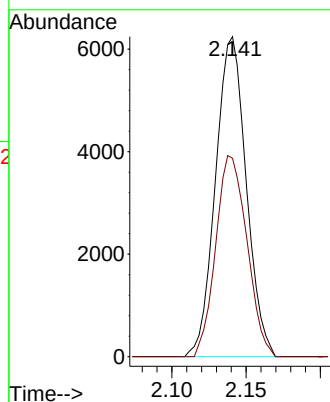
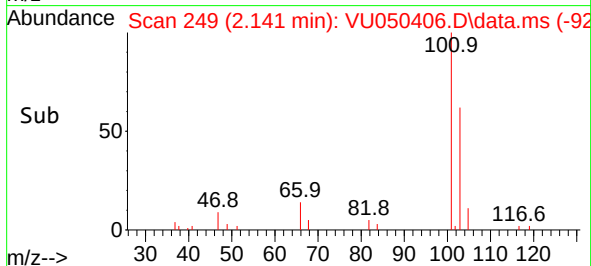
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Tgt Ion:101 Resp: 8975
Ion Ratio Lower Upper
101 100
103 62.0 51.8 77.6

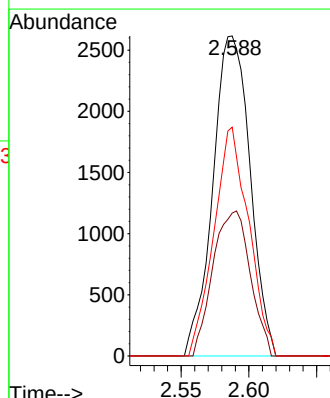
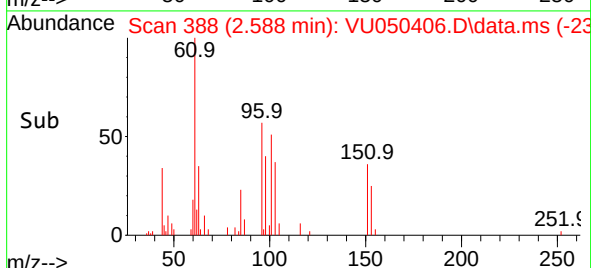
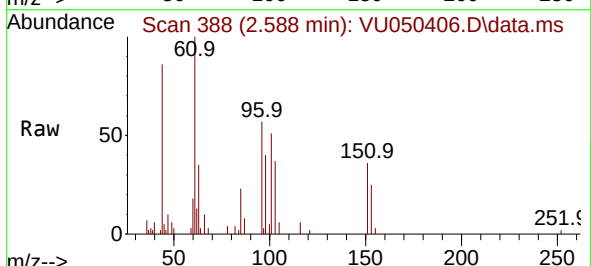
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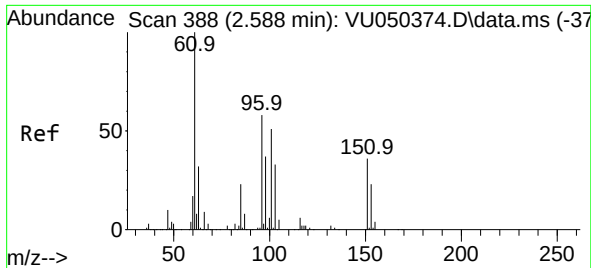
Reviewed By :Krupa Patel 08/27/2022
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#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.519 ug/l
RT: 2.588 min Scan# 388
Delta R.T. 0.007 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

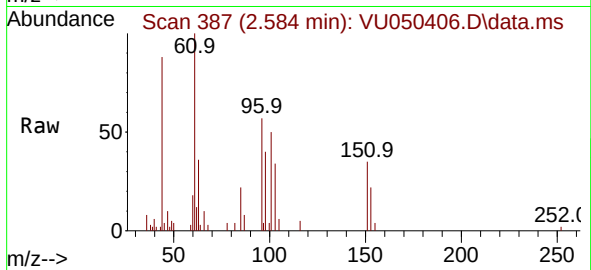
Tgt Ion:101 Resp: 5002
Ion Ratio Lower Upper
101 100
85 45.5 36.4 54.6
151 66.9 59.1 88.7





#9
1,1-Dichloroethene
Concen: 0.512 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.007 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

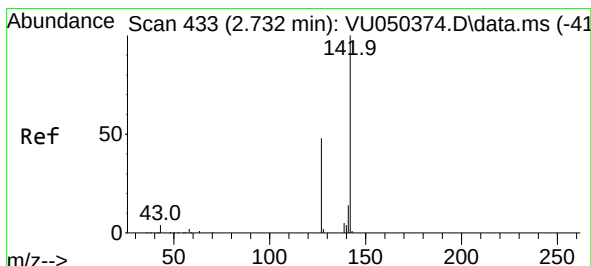
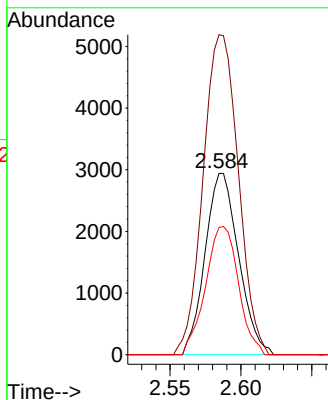
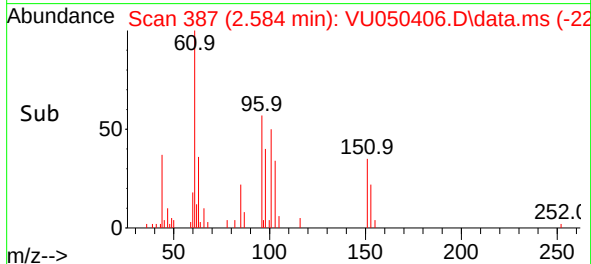
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT3-2022



Tgt Ion: 96 Resp: 4839
Ion Ratio Lower Upper
96 100
61 176.5 0.0 510.6
98 70.1 0.0 124.6

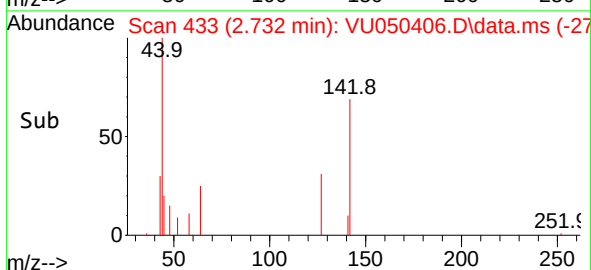
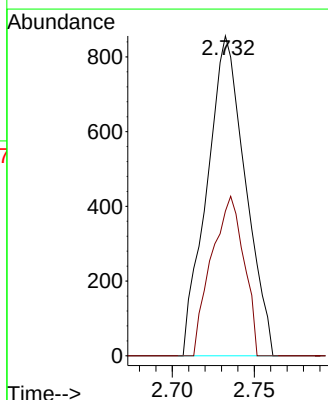
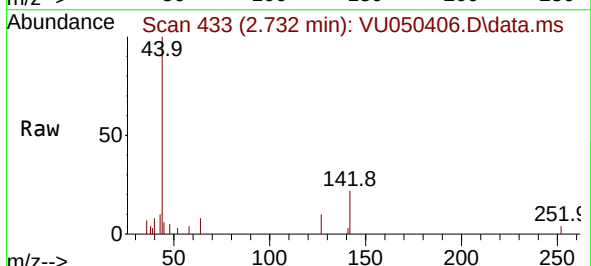
Manual Integrations
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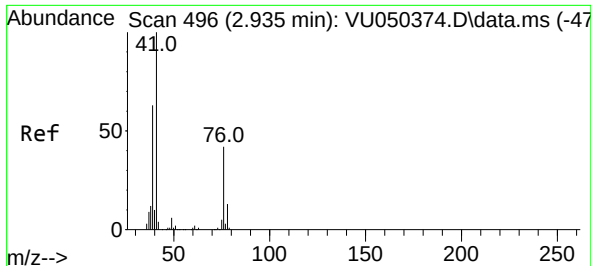
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#10
Iodomethane
Concen: 0.178 ug/l
RT: 2.732 min Scan# 433
Delta R.T. 0.013 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

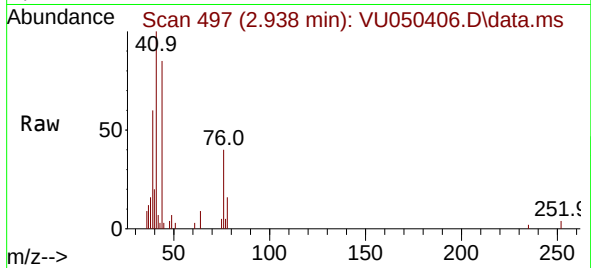
Tgt Ion:142 Resp: 1389
Ion Ratio Lower Upper
142 100
127 42.2 38.2 57.2





#11
 Allyl Chloride
 Concen: 0.552 ug/l
 RT: 2.938 min Scan# 496
 Delta R.T. 0.016 min
 Lab File: VU050406.D
 Acq: 22 Aug 2022 19:24

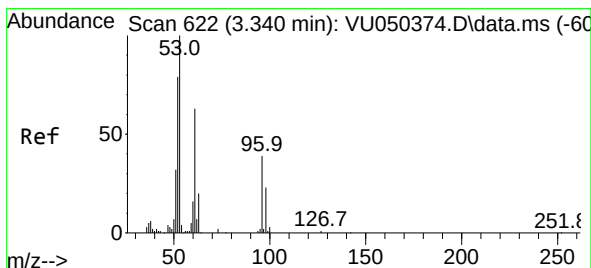
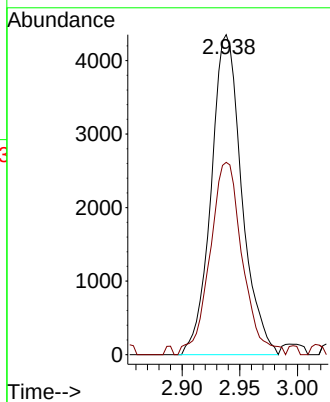
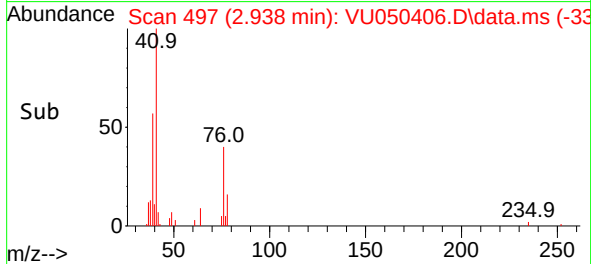
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT3-2022



Tgt Ion: 41 Resp: 803
 Ion Ratio Lower Upper
 41 100
 39 63.3 53.2 79.8

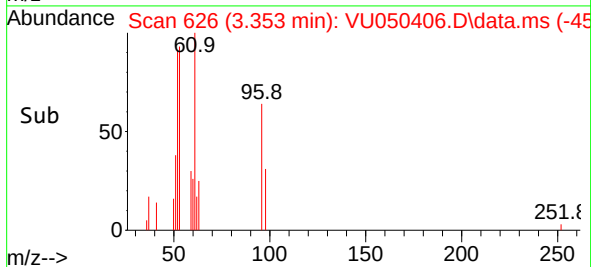
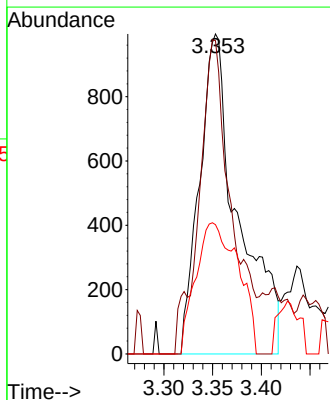
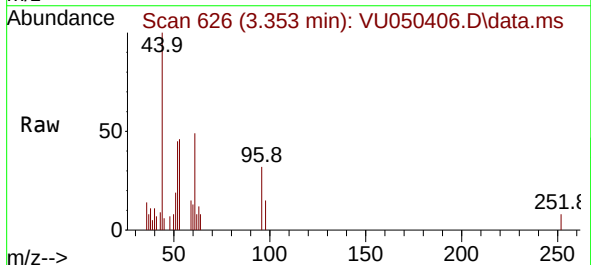
Manual Integrations
 APPROVED

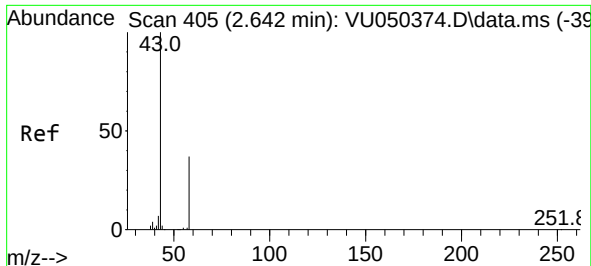
Reviewed By :Krupa Patel 08/27/2022
 Supervised By :Mahesh Dadoda 09/12/2022



#12
 Acrylonitrile
 Concen: 0.966 ug/l
 RT: 3.353 min Scan# 626
 Delta R.T. 0.036 min
 Lab File: VU050406.D
 Acq: 22 Aug 2022 19:24

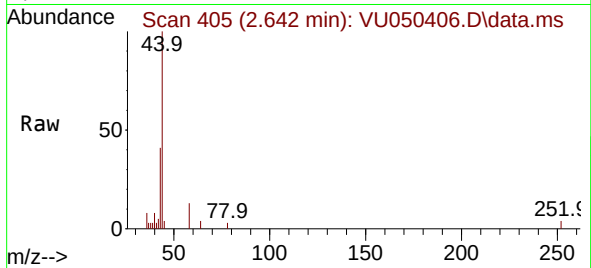
Tgt Ion: 53 Resp: 2736
 Ion Ratio Lower Upper
 53 100
 52 82.8 64.6 97.0
 51 45.2 30.7 46.1





#13
Acetone
Concen: 2.194 ug/l
RT: 2.642 min Scan# 405
Delta R.T. 0.016 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

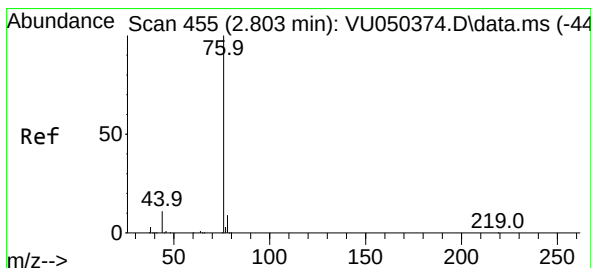
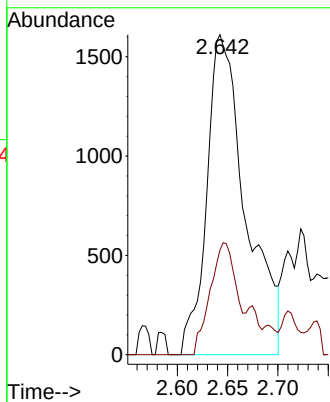
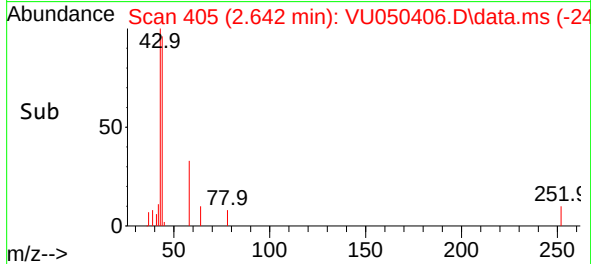
Instrument : MSVOA_U
Client Sample Id : LOQ-WATER-02-QT3-2022



Tgt Ion: 43 Resp: 4349
Ion Ratio Lower Upper
43 100
58 32.7 26.2 39.2

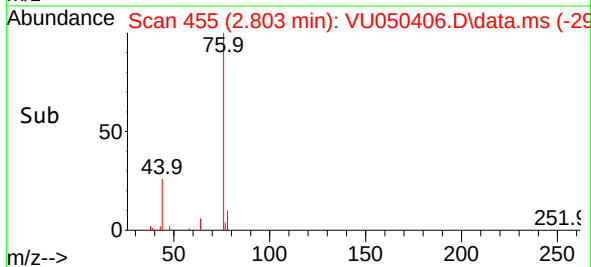
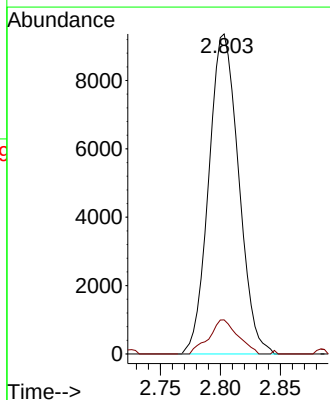
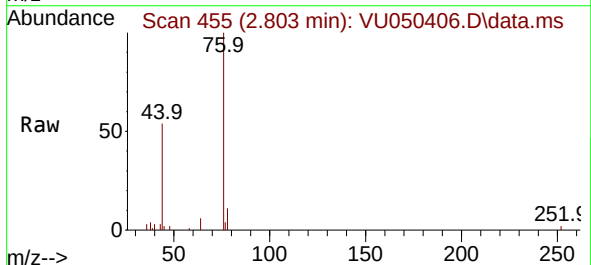
Manual Integrations
APPROVED

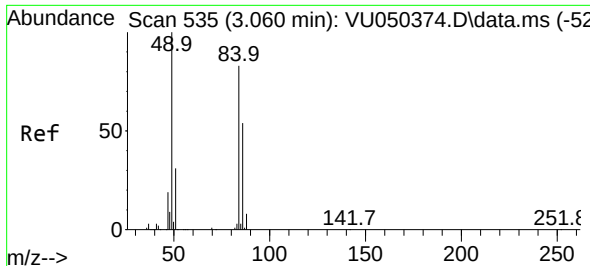
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#14
Carbon Disulfide
Concen: 0.555 ug/l
RT: 2.803 min Scan# 455
Delta R.T. 0.013 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

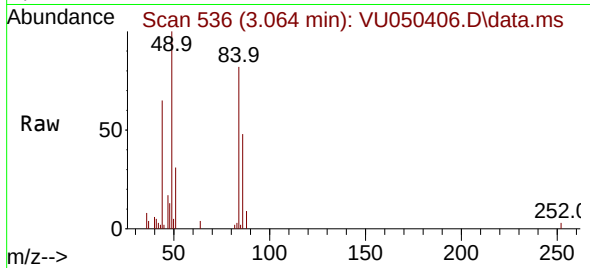
Tgt Ion: 76 Resp: 16227
Ion Ratio Lower Upper
76 100
78 10.6 7.4 11.0





#15
Methylene Chloride
Concen: 0.675 ug/l
RT: 3.064 min Scan# 511
Delta R.T. 0.019 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

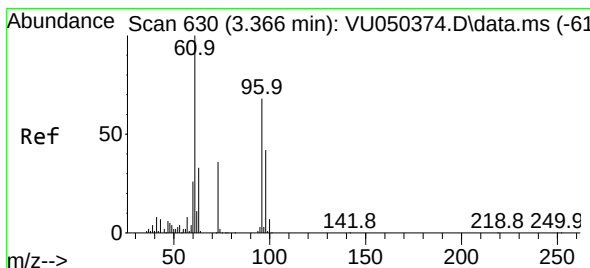
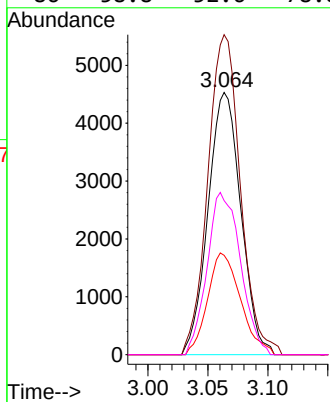
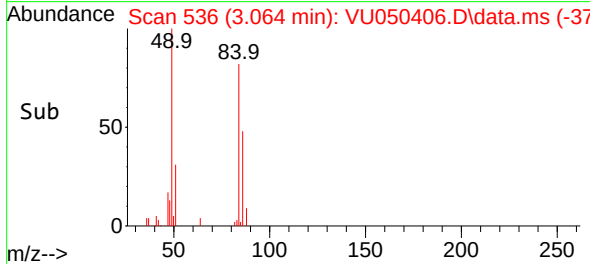
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 84	Resp: 862
Ion Ratio	Lower Upper
84	100
49	122.0 104.6 157.0
51	37.9 0.0 81.4
86	58.8 52.6 78.8

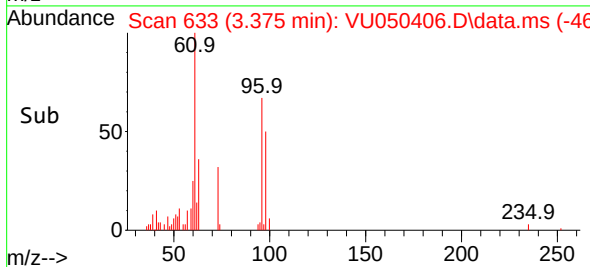
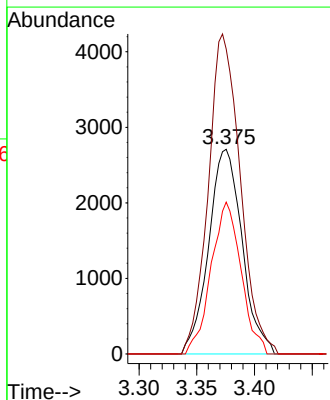
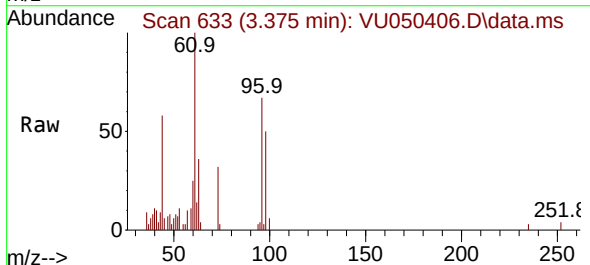
Manual Integrations
APPROVED

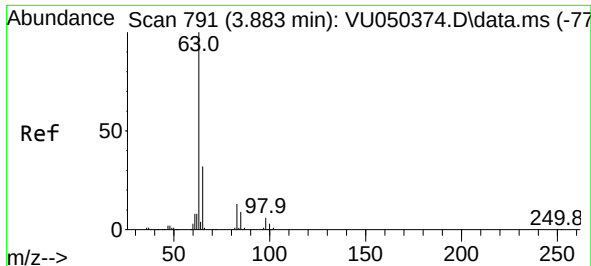
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#16
trans-1,2-Dichloroethene
Concen: 0.559 ug/l
RT: 3.375 min Scan# 633
Delta R.T. 0.026 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

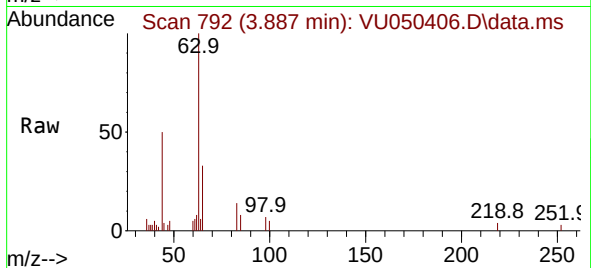
Tgt Ion: 96	Resp: 5456
Ion Ratio	Lower Upper
96	100
61	149.0 123.4 185.0
98	74.2 51.6 77.4





#17
 1,1-Dichloroethane
 Concen: 0.540 ug/l
 RT: 3.887 min Scan# 791
 Delta R.T. 0.023 min
 Lab File: VU050406.D
 Acq: 22 Aug 2022 19:24

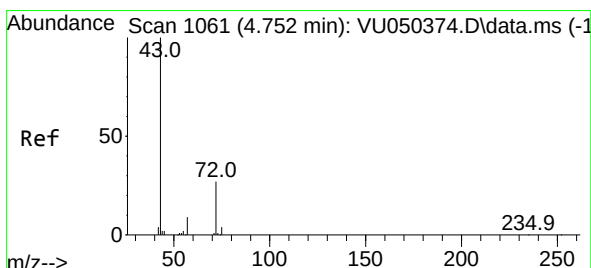
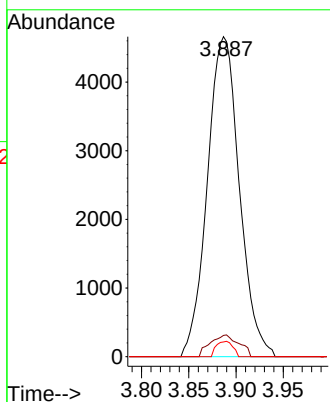
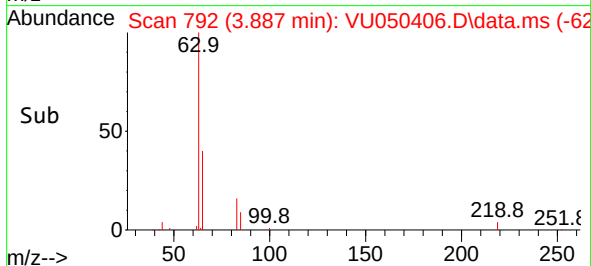
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT3-2022



Tgt Ion: 63 Resp: 1097
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.2
 100 4.6 2.0 6.0

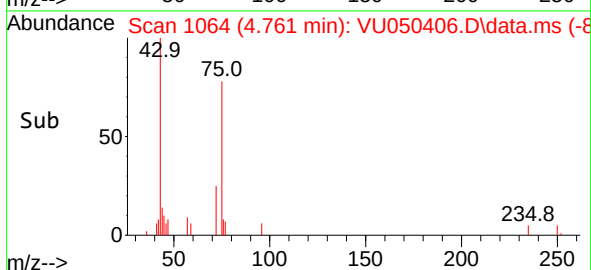
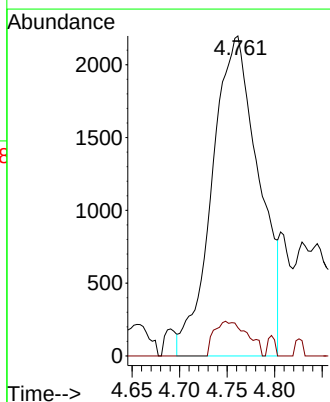
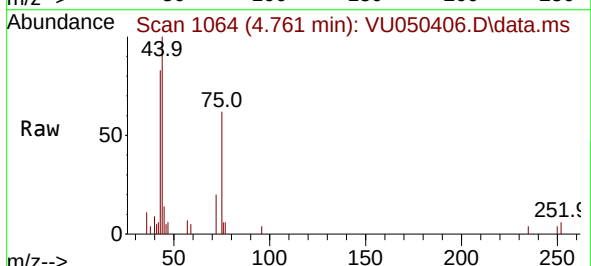
Manual Integrations
 APPROVED

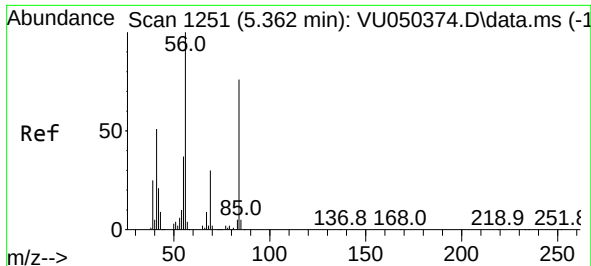
Reviewed By :Krupa Patel 08/27/2022
 Supervised By :Mahesh Dadoda 09/12/2022



#18
 2-Butanone
 Concen: 2.410 ug/l m
 RT: 4.761 min Scan# 1064
 Delta R.T. 0.042 min
 Lab File: VU050406.D
 Acq: 22 Aug 2022 19:24

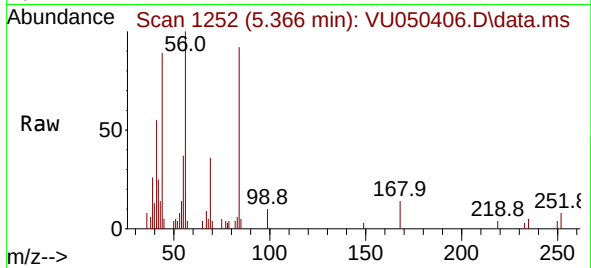
Tgt Ion: 43 Resp: 7507
 Ion Ratio Lower Upper
 43 100
 57 8.8 0.0 18.0





#19
Cyclohexane
Concen: 0.550 ug/l m
RT: 5.366 min Scan# 1
Delta R.T. -0.019 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

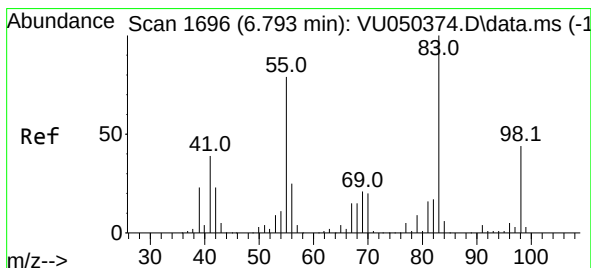
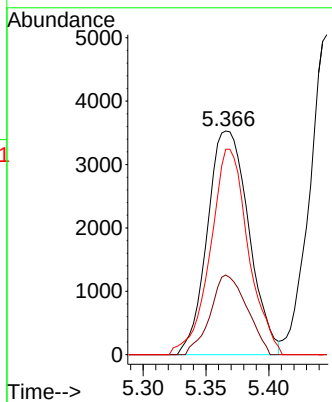
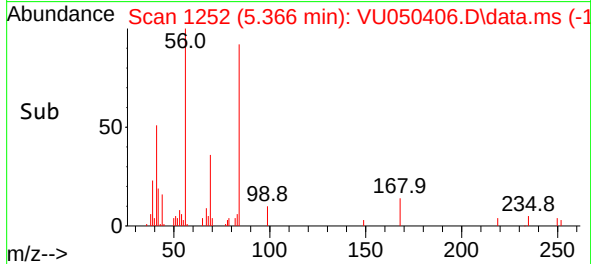
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 56 Resp: 811
Ion Ratio Lower Upper
56 100
69 31.4 24.2 36.4
84 83.9 63.4 95.2

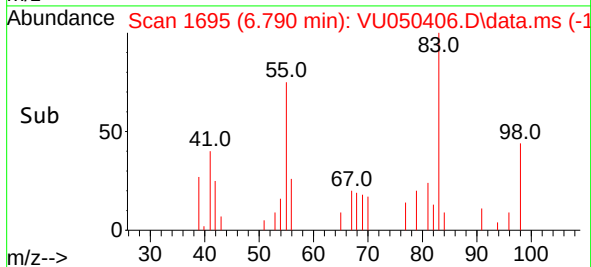
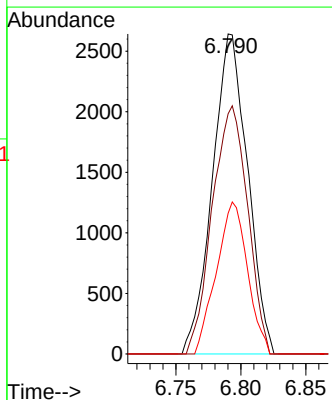
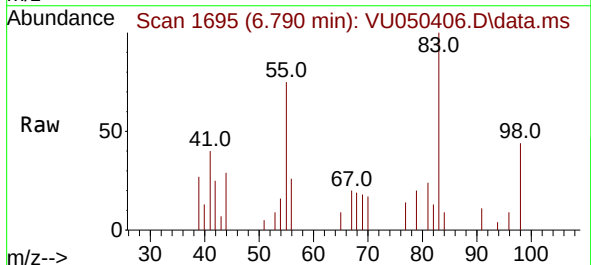
Manual Integrations
APPROVED

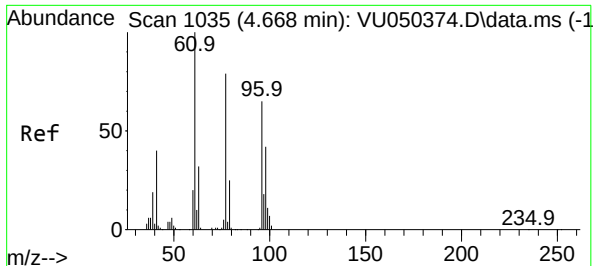
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#20
Methylcyclohexane
Concen: 0.427 ug/l
RT: 6.790 min Scan# 1695
Delta R.T. 0.029 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

Tgt Ion: 83 Resp: 4970
Ion Ratio Lower Upper
83 100
55 77.9 63.0 94.4
98 42.0 35.7 53.5





#21

2,2-Dichloropropane

Concen: 0.482 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VU050406.D

Acq: 22 Aug 2022 19:24

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2022

Tgt Ion: 77 Resp: 744

Ion Ratio Lower Upper

77 100

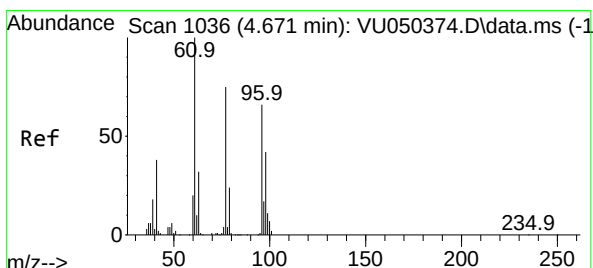
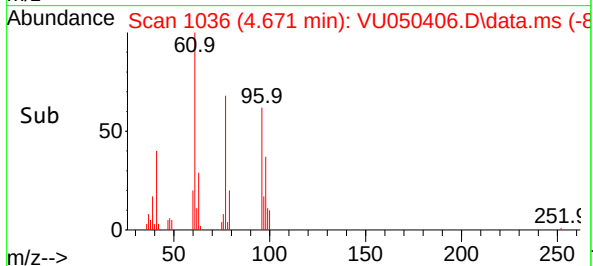
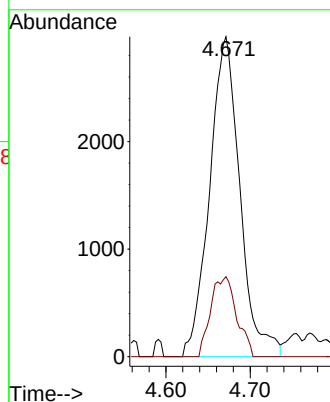
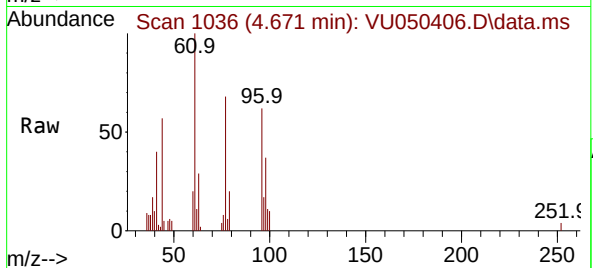
97 21.3 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/27/2022

Supervised By :Mahesh Dadoda 09/12/2022



#22

cis-1,2-Dichloroethene

Concen: 0.526 ug/l

RT: 4.674 min Scan# 1037

Delta R.T. 0.010 min

Lab File: VU050406.D

Acq: 22 Aug 2022 19:24

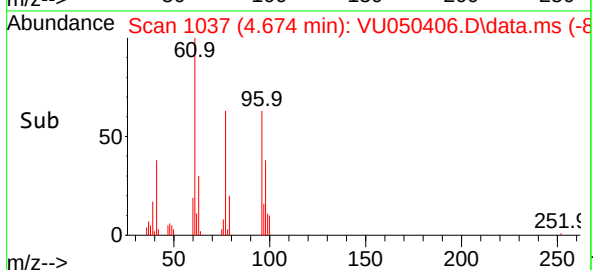
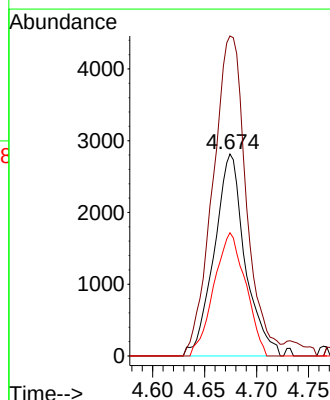
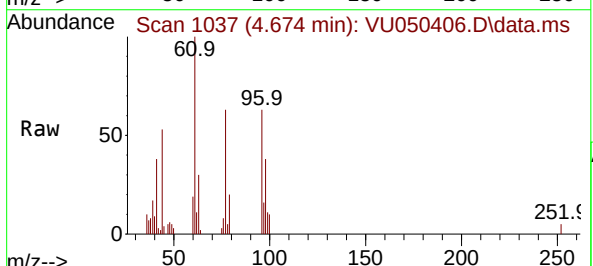
Tgt Ion: 96 Resp: 5811

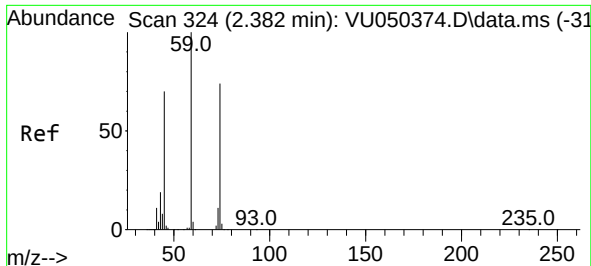
Ion Ratio Lower Upper

96 100

61 171.2 0.0 375.8

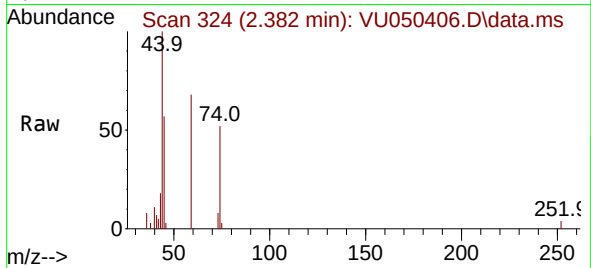
98 62.8 31.6 95.0





#23
Diethyl Ether
Concen: 0.513 ug/l
RT: 2.382 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

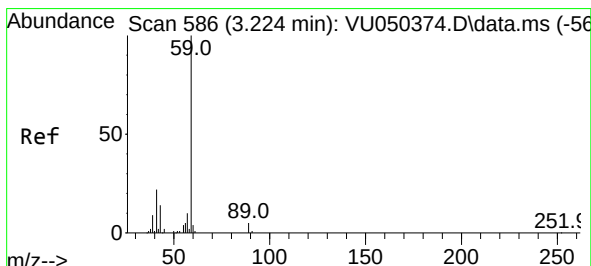
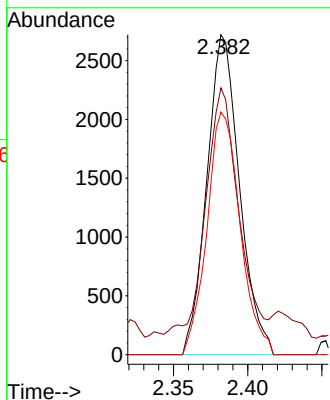
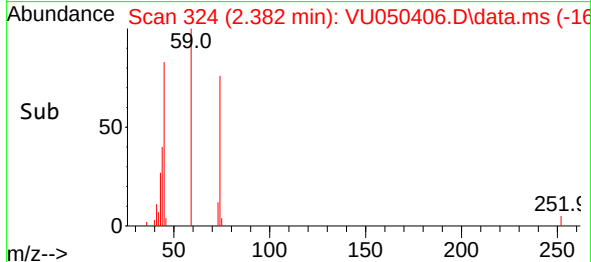
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 59 Resp: 4160
Ion Ratio Lower Upper
59 100
45 75.5 56.0 84.0
74 77.1 57.6 86.4

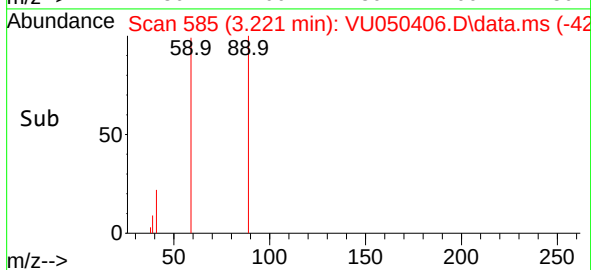
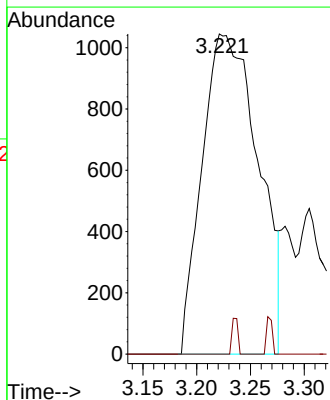
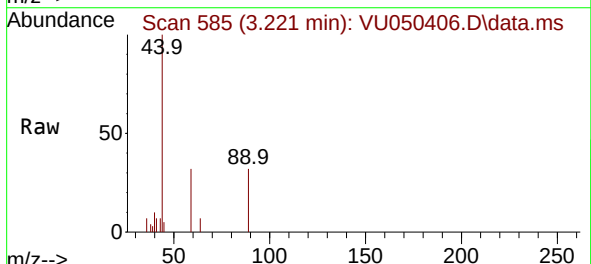
Manual Integrations
APPROVED

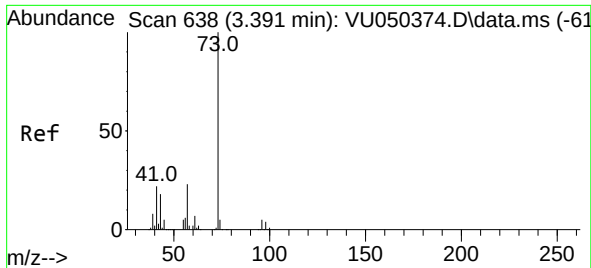
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#24
tert-Butyl Alcohol
Concen: 4.423 ug/l
RT: 3.221 min Scan# 585
Delta R.T. 0.026 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

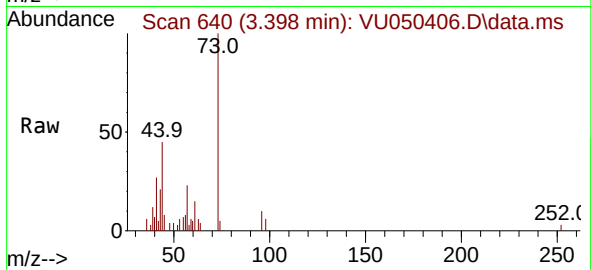
Tgt Ion: 59 Resp: 3795
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#25
Methyl tert-Butyl Ether
Concen: 0.523 ug/l
RT: 3.398 min Scan# 640
Delta R.T. 0.029 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

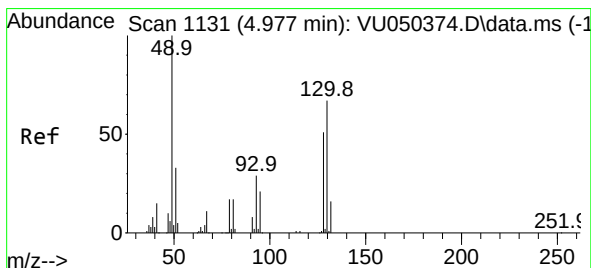
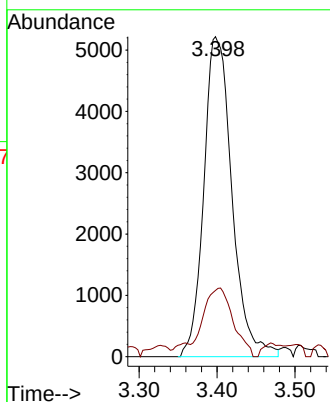
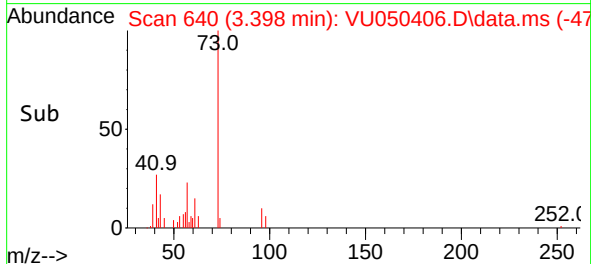
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 73 Resp: 13110
Ion Ratio Lower Upper
73 100
43 22.6 15.9 23.9

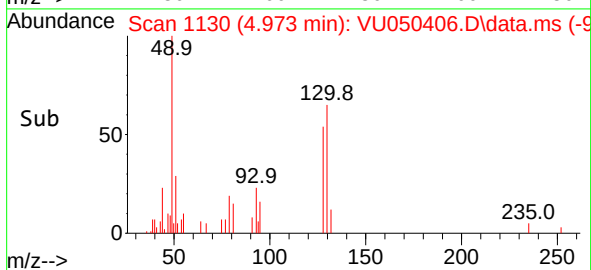
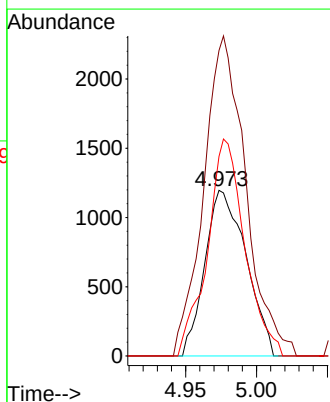
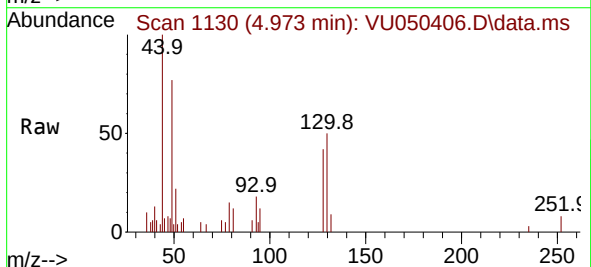
Manual Integrations
APPROVED

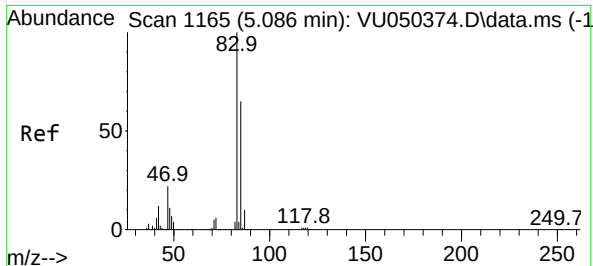
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#26
Bromochloromethane
Concen: 0.546 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

Tgt Ion:128 Resp: 2419
Ion Ratio Lower Upper
128 100
49 197.2 0.0 349.2
130 119.1 103.0 154.6





#27

Chloroform

Concen: 0.573 ug/l

RT: 5.089 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU050406.D

Acq: 22 Aug 2022 19:24

Instrument :

MSVOA_U

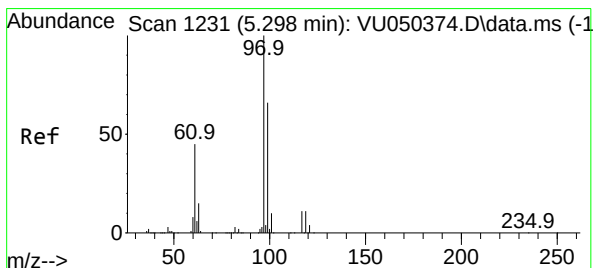
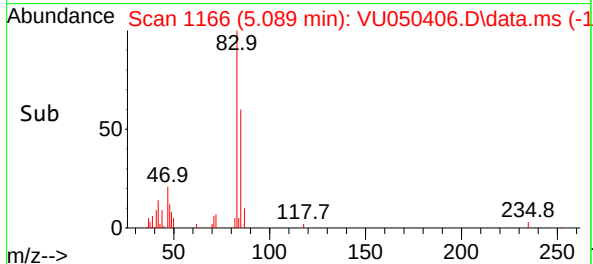
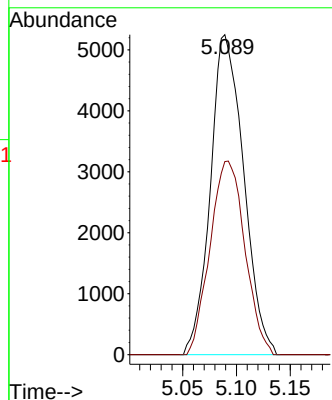
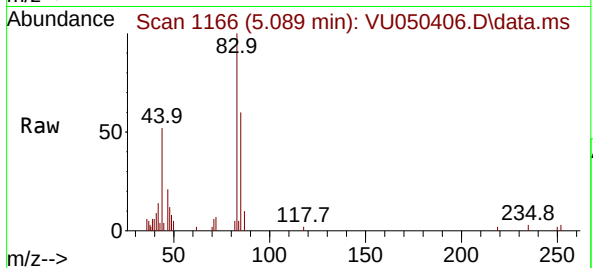
ClientSampleId :

LOQ-WATER-02-QT3-2022

Tgt Ion: 83 Resp: 1129
 Ion Ratio Lower Upper
 83 100
 85 60.4 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: 0.531 ug/l

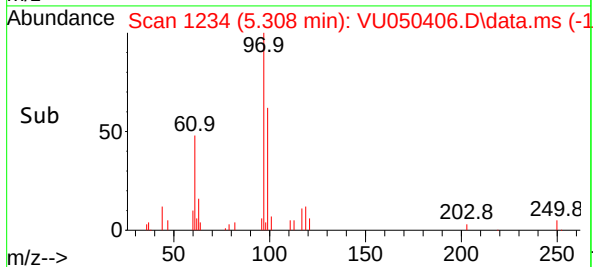
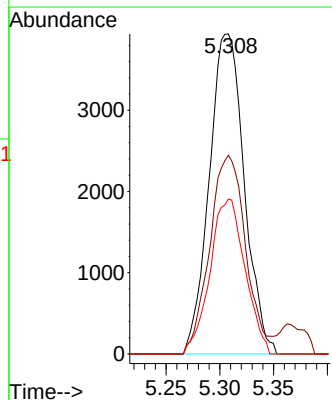
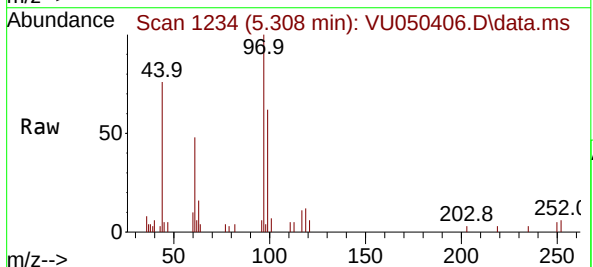
RT: 5.308 min Scan# 1234

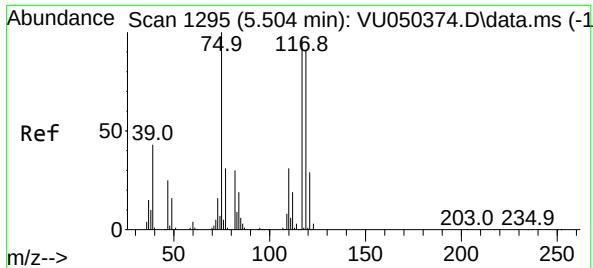
Delta R.T. -0.006 min

Lab File: VU050406.D

Acq: 22 Aug 2022 19:24

Tgt Ion: 97 Resp: 8918
 Ion Ratio Lower Upper
 97 100
 99 64.1 32.1 96.5
 61 48.4 21.8 65.4





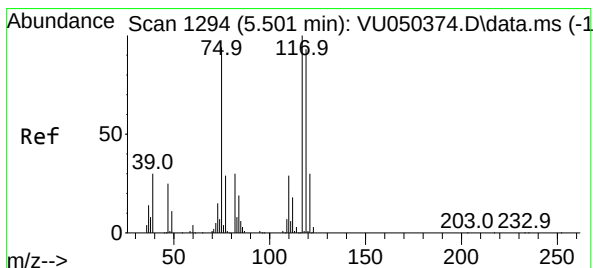
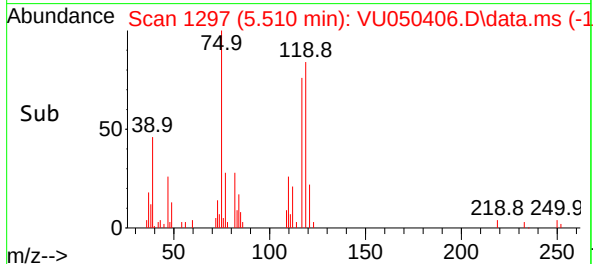
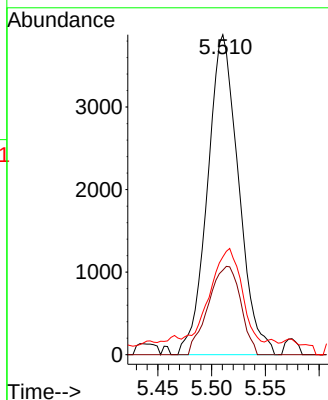
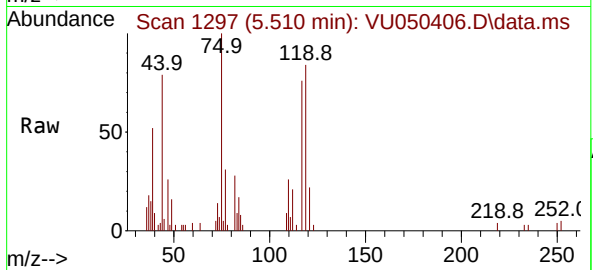
#29
1,1-Dichloropropene
Concen: 0.577 ug/l
RT: 5.510 min Scan# 1295
Delta R.T. -0.013 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT3-2022

Tgt Ion: 75 Resp: 7774
Ion Ratio Lower Upper
75 100
110 28.7 17.3 52.0
77 28.2 24.6 37.0

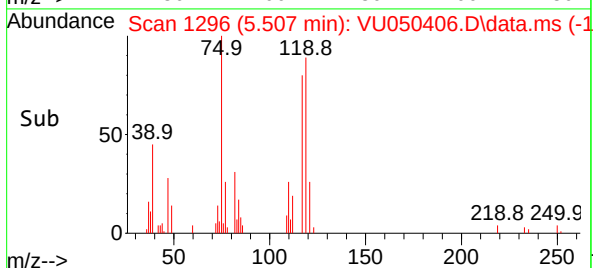
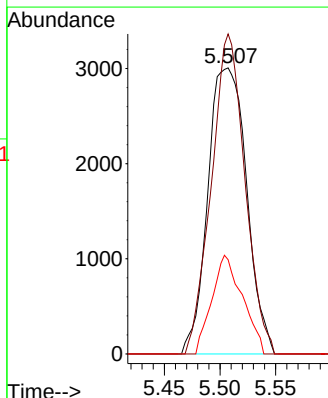
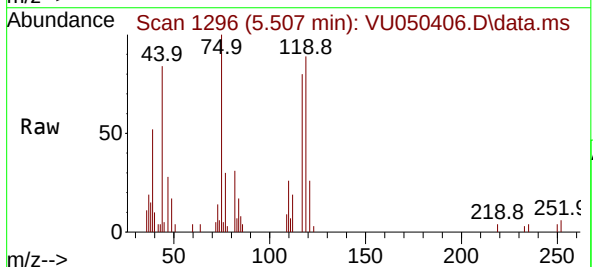
Manual Integrations
APPROVED

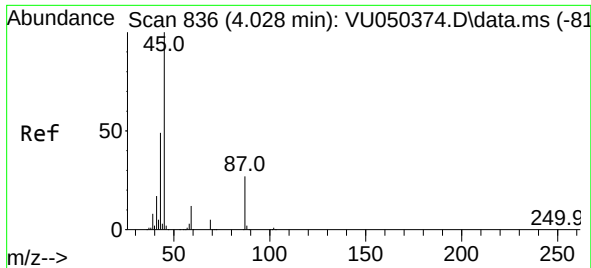
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#30
Carbon Tetrachloride
Concen: 0.540 ug/l
RT: 5.507 min Scan# 1296
Delta R.T. -0.013 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

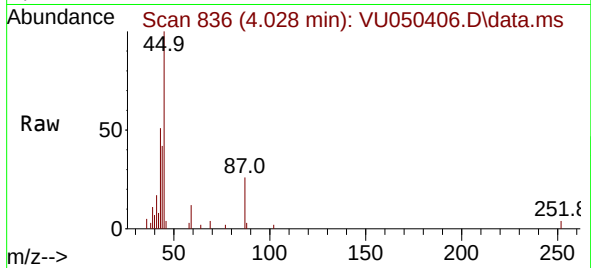
Tgt Ion:117 Resp: 7270
Ion Ratio Lower Upper
117 100
119 111.9 74.6 112.0
121 33.0 24.2 36.4





#31
Isopropyl Ether
Concen: 0.554 ug/l
RT: 4.028 min Scan# 836
Delta R.T. 0.026 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

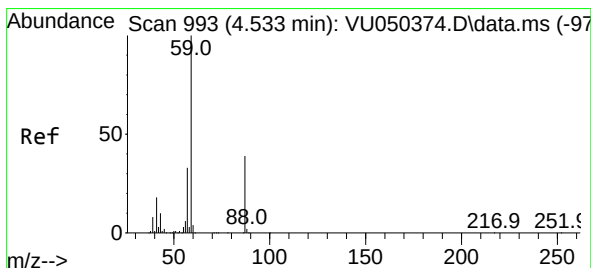
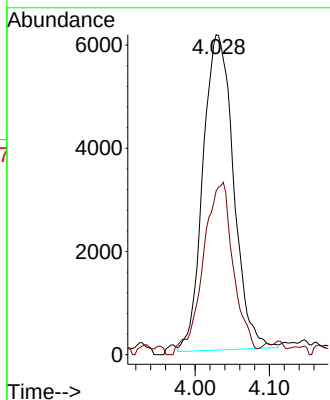
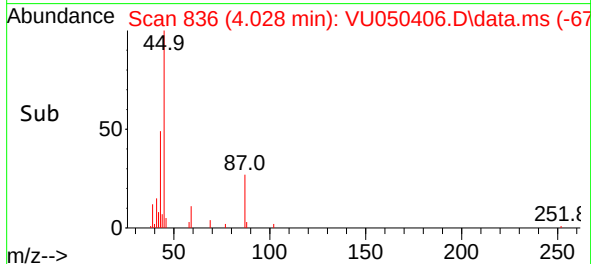
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022



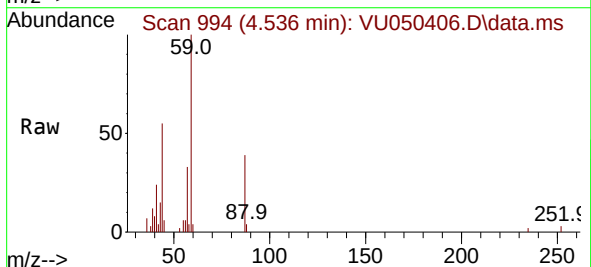
Tgt Ion: 45 Resp: 1748
Ion Ratio Lower Upper
45 100
43 54.2 23.8 71.2

Manual Integrations
APPROVED

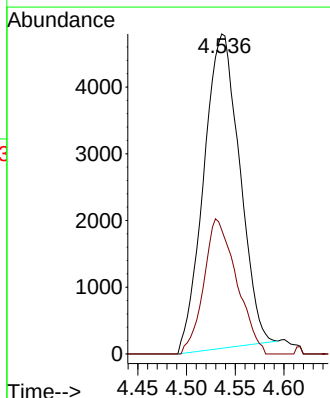
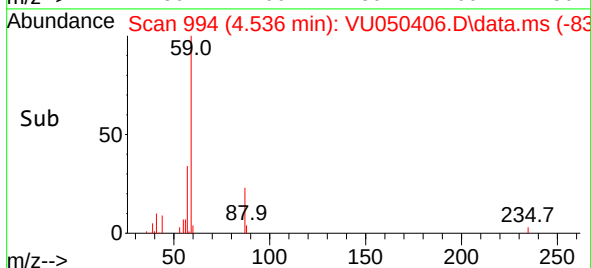
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022

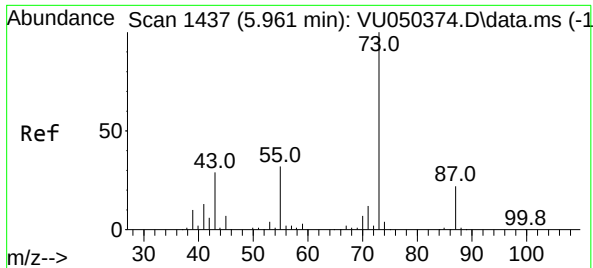


#32
Ethyl-t-butyl ether
Concen: 0.488 ug/l
RT: 4.536 min Scan# 994
Delta R.T. 0.023 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24



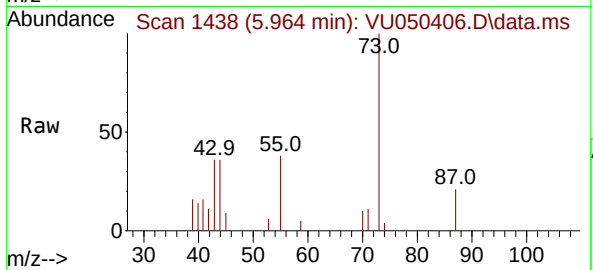
Tgt Ion: 59 Resp: 12080
Ion Ratio Lower Upper
59 100
87 39.2 32.5 48.7





#33
Tert-Amyl methyl ether
Concen: 0.455 ug/l m
RT: 5.964 min Scan# 1437
Delta R.T. 0.016 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

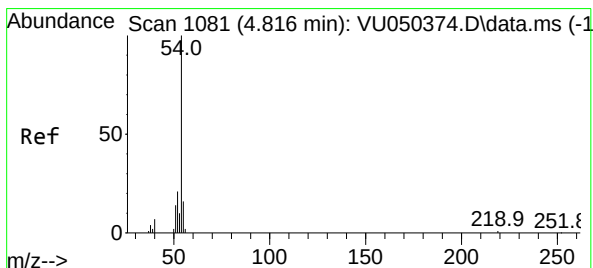
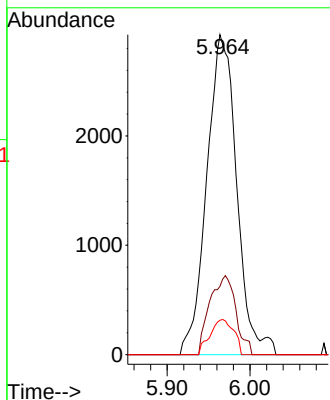
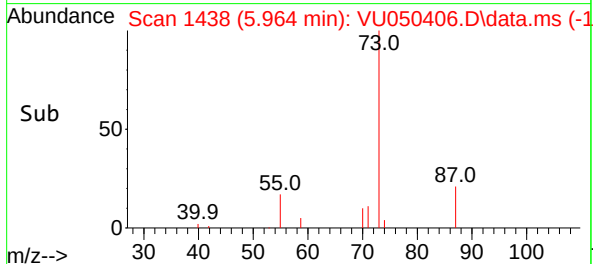
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 73 Resp: 7342
Ion Ratio Lower Upper
73 100
87 21.5 19.7 29.5
71 8.7 9.0 13.4

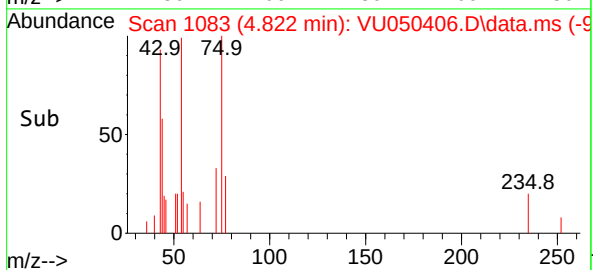
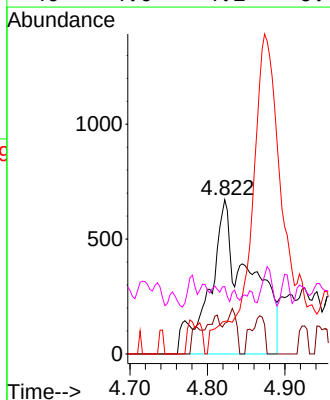
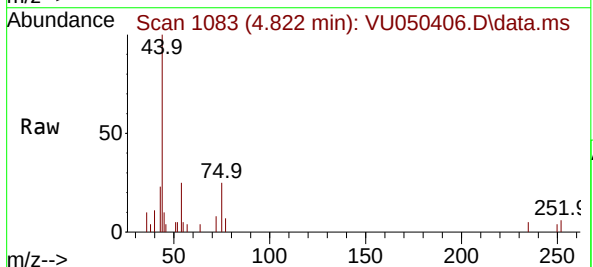
Manual Integrations
APPROVED

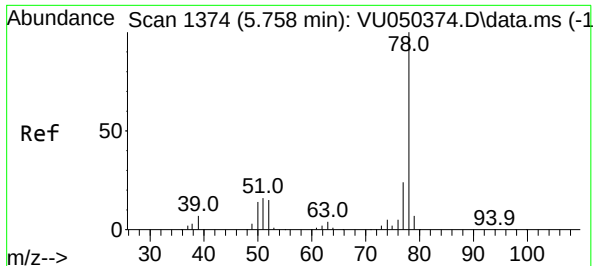
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#34
Propionitrile
Concen: 2.590 ug/l m
RT: 4.822 min Scan# 1083
Delta R.T. 0.035 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

Tgt Ion: 54 Resp: 2383
Ion Ratio Lower Upper
54 100
52 4.4 15.0 22.6#
55 7.1 12.6 19.0#
40 4.0 4.2 6.4#





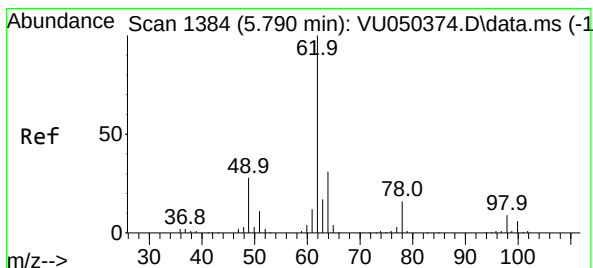
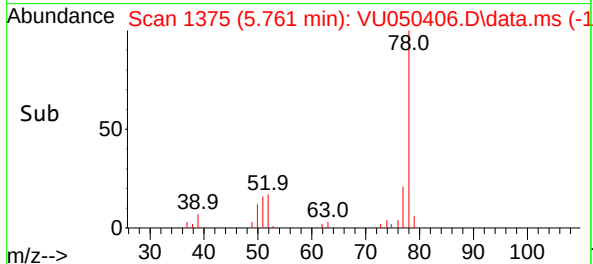
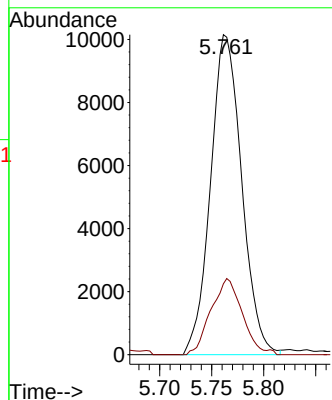
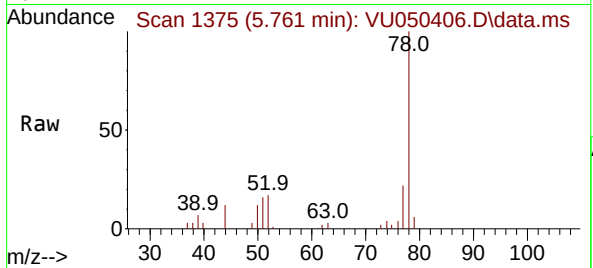
#35
Benzene
Concen: 0.534 ug/l
RT: 5.761 min Scan# 11
Delta R.T. -0.013 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion: 78 Resp: 2115
Ion Ratio Lower Upper
78 100
77 22.2 18.6 28.0

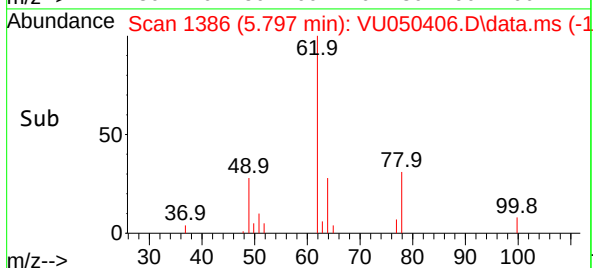
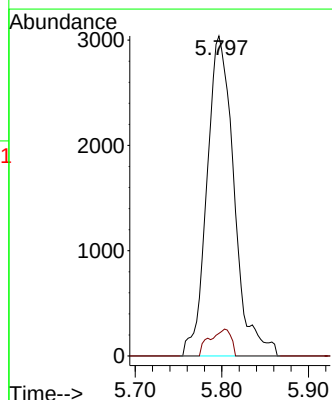
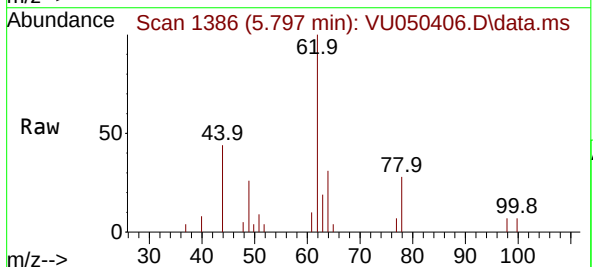
Manual Integrations
APPROVED

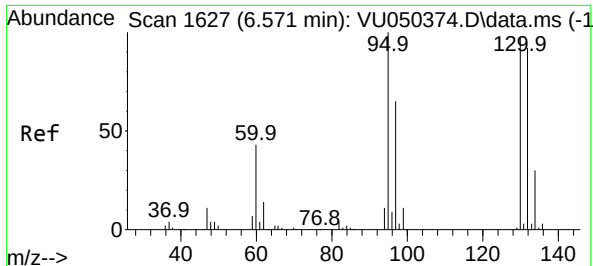
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#36
1,2-Dichloroethane
Concen: 0.547 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

Tgt Ion: 62 Resp: 6608
Ion Ratio Lower Upper
62 100
98 6.6 7.4 11.0#





#37

Trichloroethene

Concen: 0.481 ug/l

RT: 6.571 min Scan# 1

Delta R.T. 0.029 min

Lab File: VU050406.D

Acq: 22 Aug 2022 19:24

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2022

Tgt Ion:130 Resp: 456

Ion Ratio Lower Upper

130 100

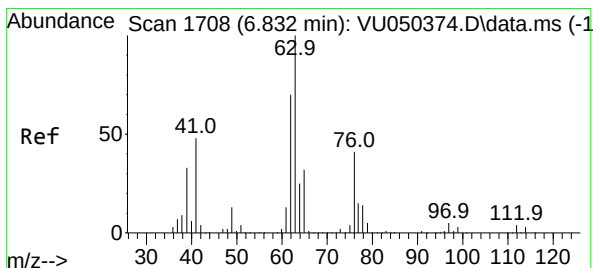
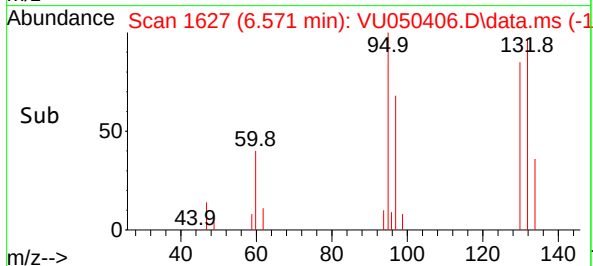
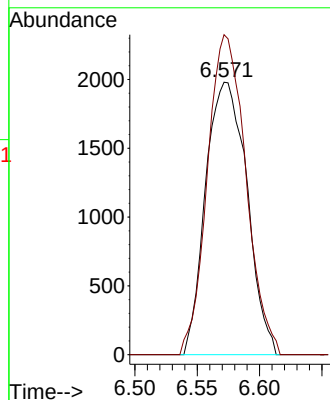
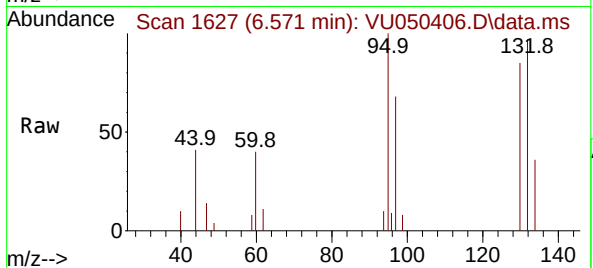
95 117.4 83.8 125.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/27/2022

Supervised By :Mahesh Dadoda 09/12/2022



#38

1,2-Dichloropropane

Concen: 0.511 ug/l

RT: 6.829 min Scan# 1707

Delta R.T. 0.035 min

Lab File: VU050406.D

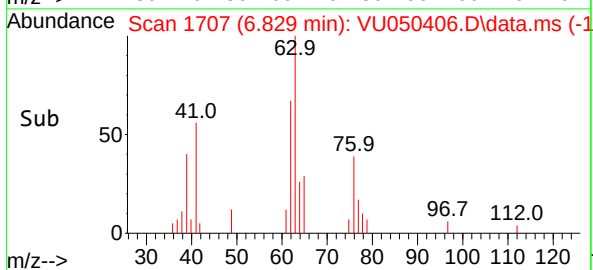
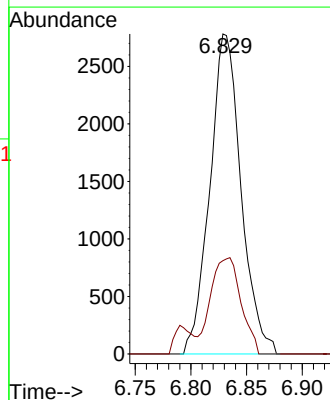
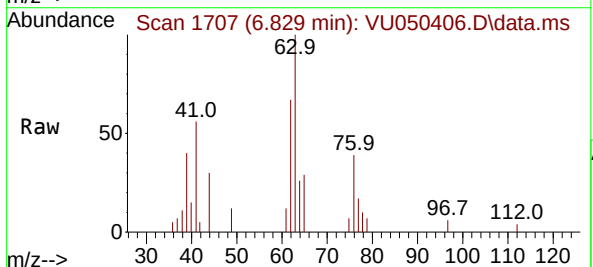
Acq: 22 Aug 2022 19:24

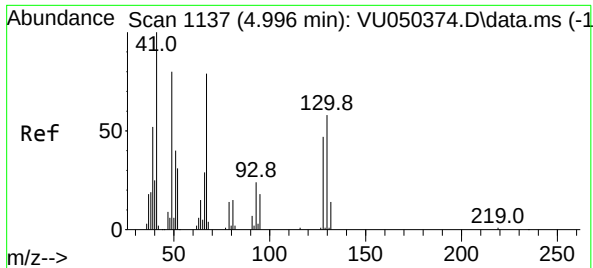
Tgt Ion: 63 Resp: 5426

Ion Ratio Lower Upper

63 100

65 29.2 25.0 37.4





#39

Methacrylonitrile

Concen: 0.589 ug/l

RT: 4.999 min Scan# 1138

Delta R.T. 0.016 min

Lab File: VU050406.D

Acq: 22 Aug 2022 19:24

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2022

Tgt Ion: 41 Resp: 2224

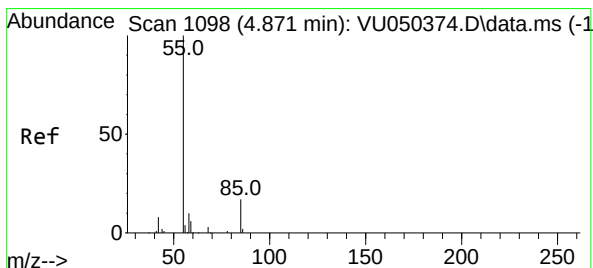
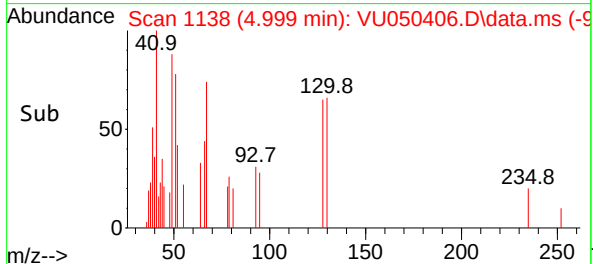
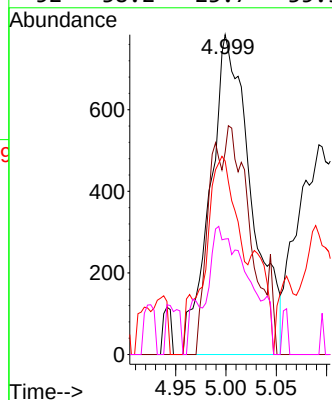
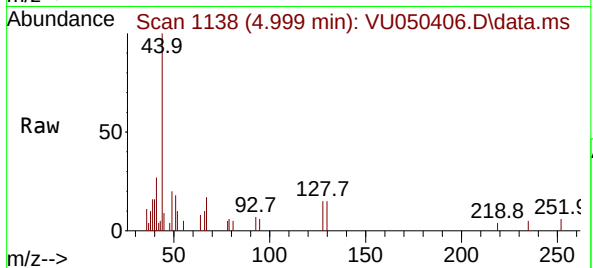
Ion	Ratio	Lower	Upper
41	100		
67	25.0	59.4	89.0#
39	26.9	42.2	63.2#
52	38.2	23.7	35.5#

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/27/2022

Supervised By :Mahesh Dadoda 09/12/2022



#40

Methyl acrylate

Concen: 0.594 ug/l m

RT: 4.874 min Scan# 1099

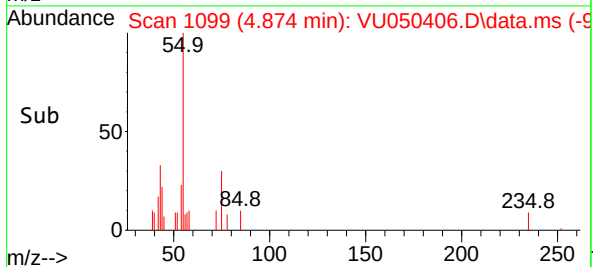
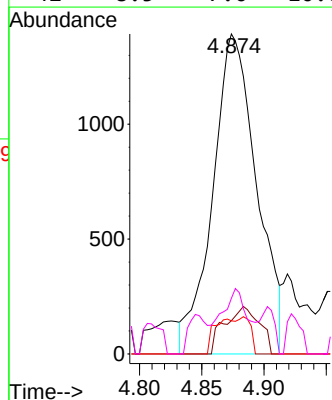
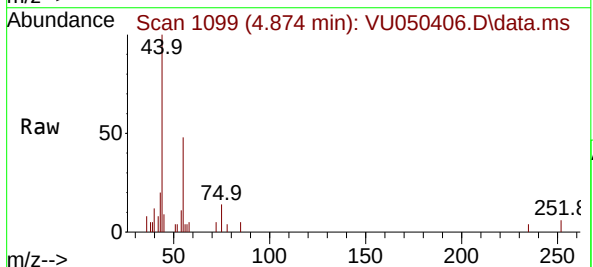
Delta R.T. 0.019 min

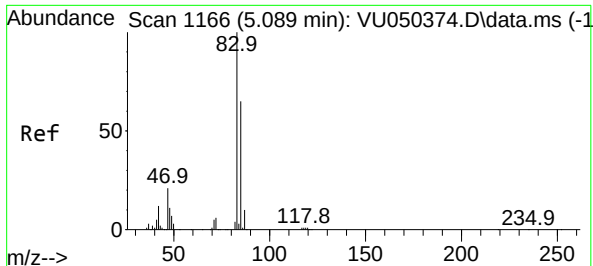
Lab File: VU050406.D

Acq: 22 Aug 2022 19:24

Tgt Ion: 55 Resp: 3417

Ion	Ratio	Lower	Upper
55	100		
85	11.7	13.5	20.3#
58	5.4	7.0	10.4#
42	8.5	7.0	10.6





#41

Tetrahydrofuran

Concen: 1.259 ug/l

RT: 5.096 min Scan# 1166

Delta R.T. 0.029 min

Lab File: VU050406.D

Acq: 22 Aug 2022 19:24

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2022

Tgt Ion: 42 Resp: 238

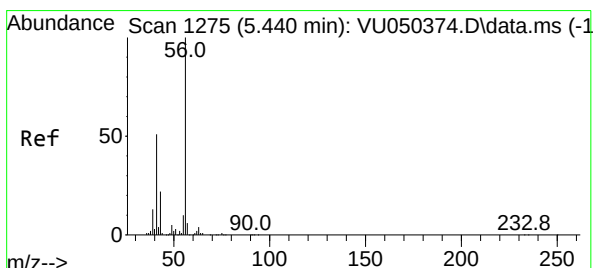
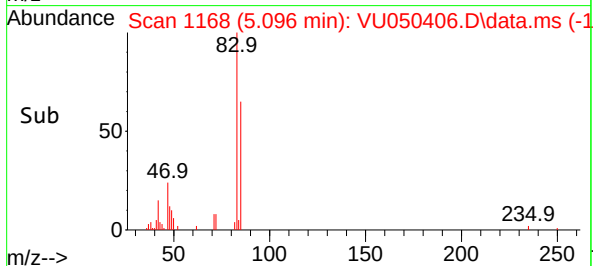
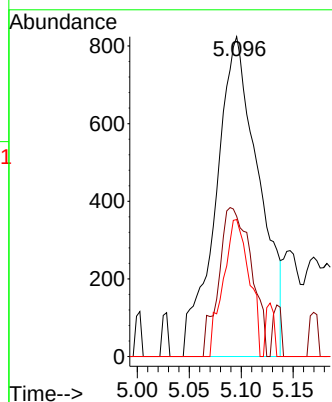
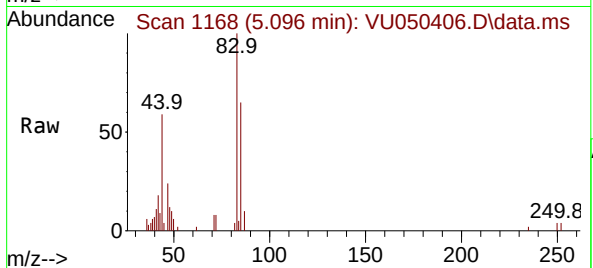
Ion	Ratio	Lower	Upper
42	100		
72	35.3	38.9	58.3
71	25.7	33.7	50.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/27/2022

Supervised By :Mahesh Dadoda 09/12/2022



#42

1-Chlorobutane

Concen: 0.553 ug/l

RT: 5.446 min Scan# 1277

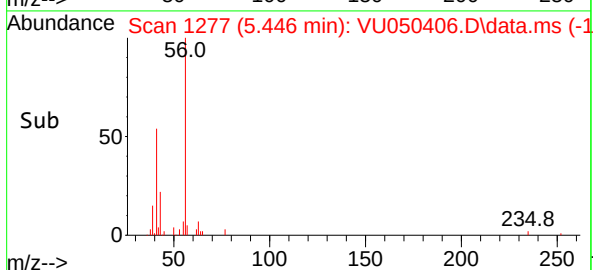
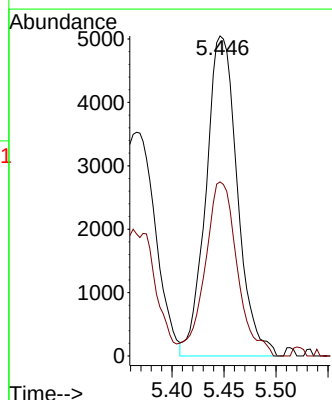
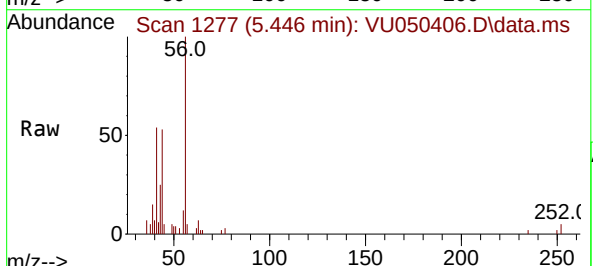
Delta R.T. -0.010 min

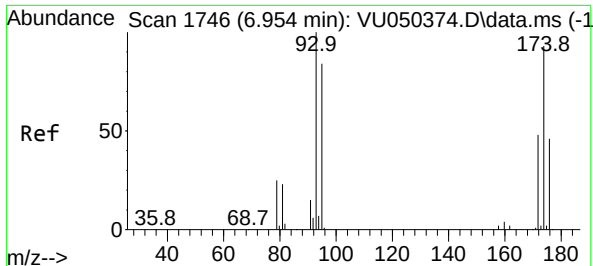
Lab File: VU050406.D

Acq: 22 Aug 2022 19:24

Tgt Ion: 56 Resp: 10599

Ion	Ratio	Lower	Upper
56	100		
41	55.6	26.4	79.2





#43

Dibromomethane

Concen: 0.502 ug/l

RT: 6.960 min Scan# 1746

Delta R.T. 0.042 min

Lab File: VU050406.D

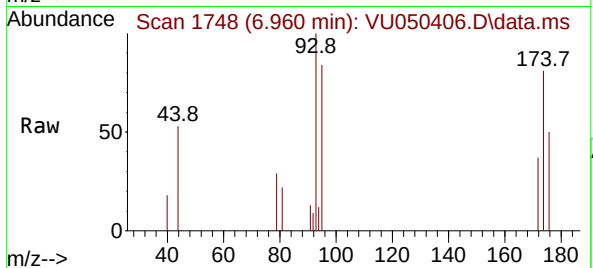
Acq: 22 Aug 2022 19:24

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2022



Tgt Ion: 93 Resp: 2875

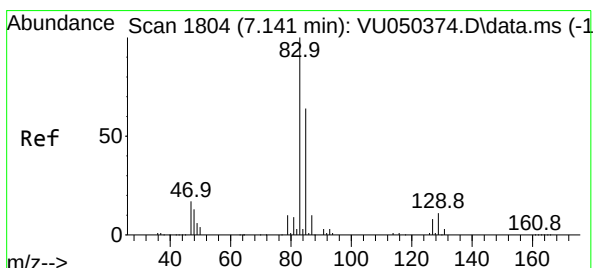
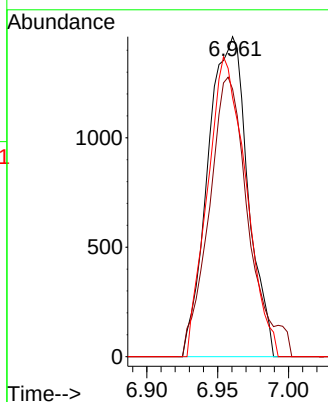
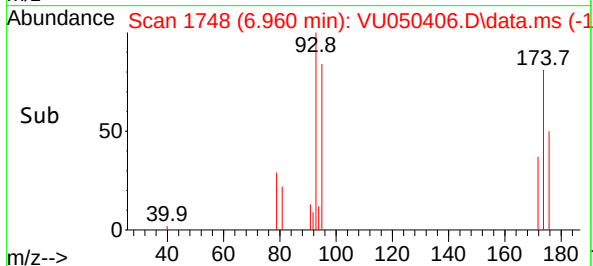
Ion	Ratio	Lower	Upper
93	100		
95	85.8	65.0	97.6
174	90.0	76.3	114.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/27/2022

Supervised By :Mahesh Dadoda 09/12/2022



#44

Bromodichloromethane

Concen: 0.533 ug/l

RT: 7.141 min Scan# 1804

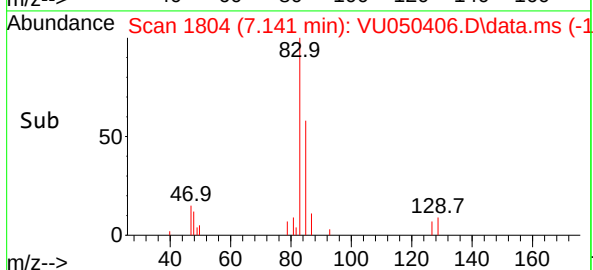
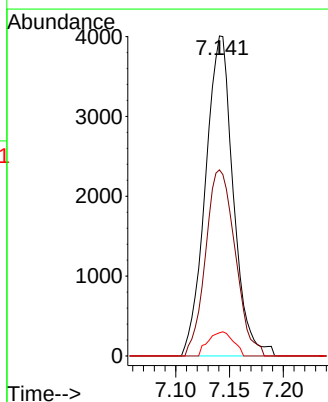
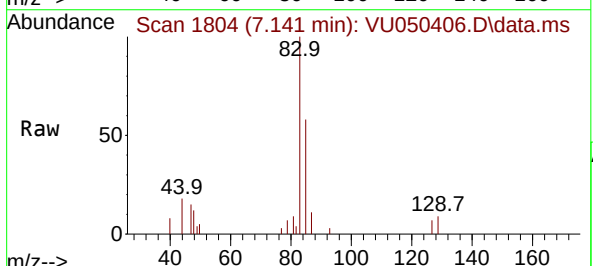
Delta R.T. 0.032 min

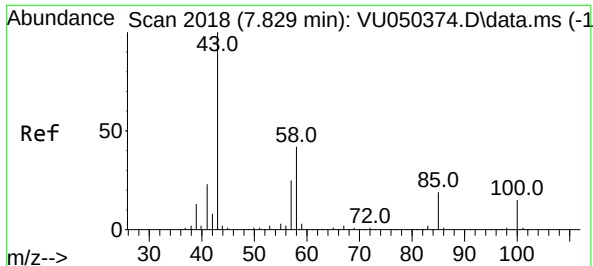
Lab File: VU050406.D

Acq: 22 Aug 2022 19:24

Tgt Ion: 83 Resp: 7209

Ion	Ratio	Lower	Upper
83	100		
85	58.2	49.4	74.0
127	7.3	6.6	10.0





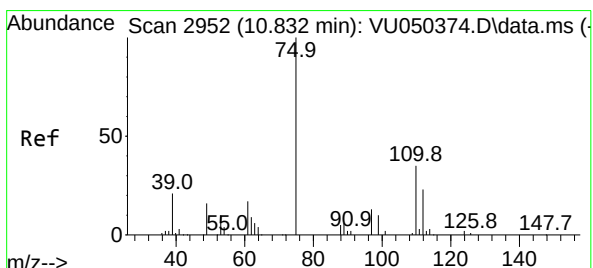
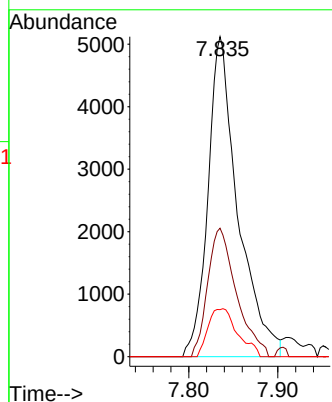
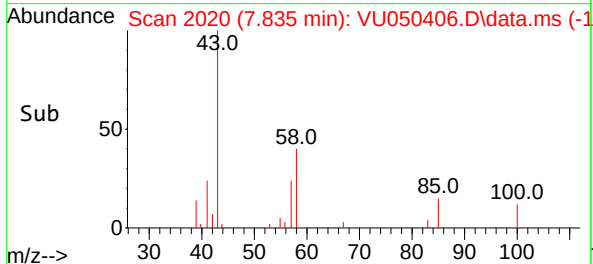
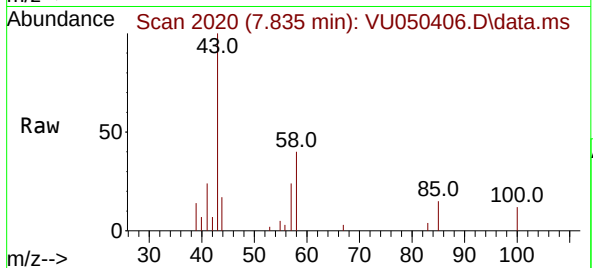
#45
4-Methyl-2-Pentanone
Concen: 2.076 ug/l
RT: 7.835 min Scan# 2018
Delta R.T. 0.039 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion: 43 Resp: 1193
Ion Ratio Lower Upper
43 100
58 38.6 20.3 61.0
85 14.7 14.6 21.8

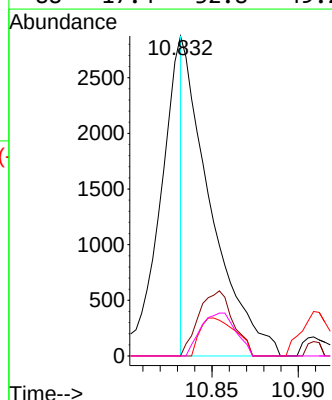
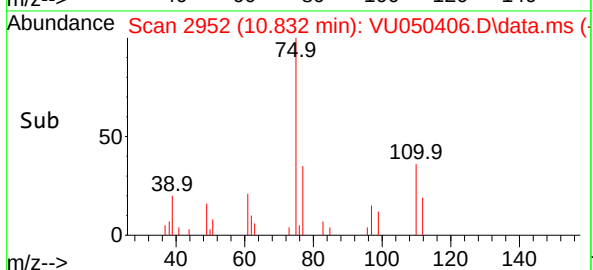
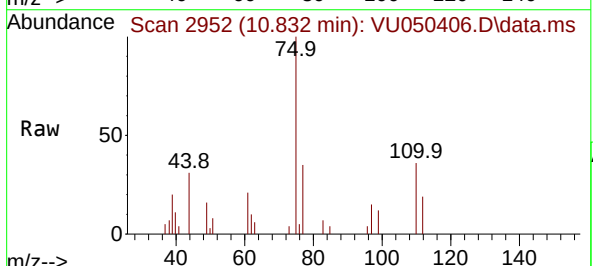
Manual Integrations
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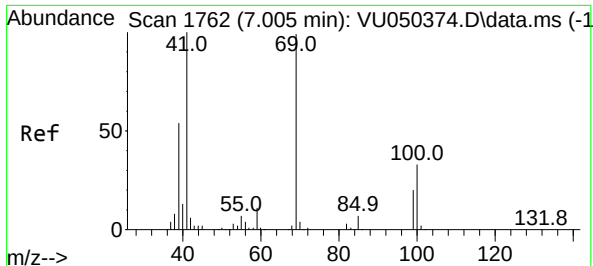
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#46
t-1,4-Dichloro-2-butene
Concen: 1.078 ug/l m
RT: 10.832 min Scan# 2952
Delta R.T. 0.000 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

Tgt Ion: 75 Resp: 3129
Ion Ratio Lower Upper
75 100
53 25.9 64.4 96.6#
89 15.7 44.2 66.2#
88 17.4 32.8 49.2#





#47

Methyl methacrylate

Concen: 0.823 ug/l

RT: 7.012 min Scan# 1

Delta R.T. 0.045 min

Lab File: VU050406.D

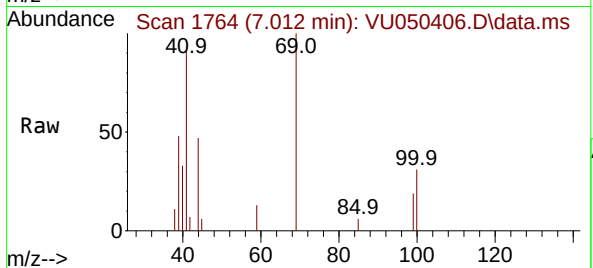
Acq: 22 Aug 2022 19:24

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2022



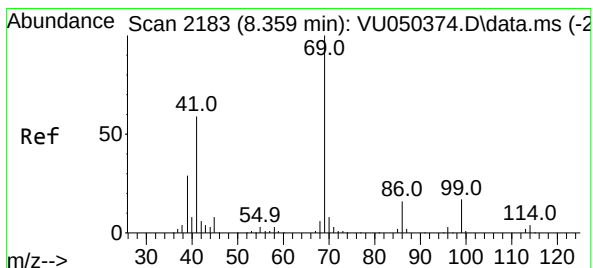
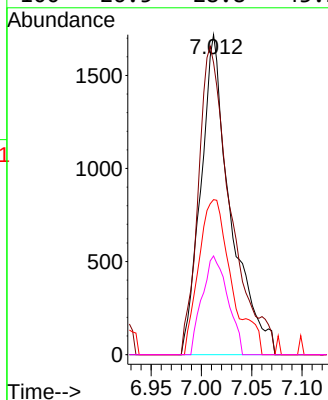
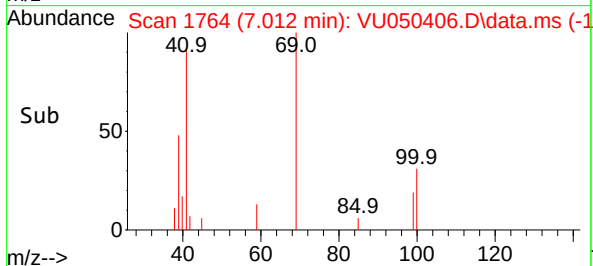
Tgt Ion:	69	Resp:	3520
Ion Ratio	100	Lower	Upper
69	100		
41	104.5	0.0	225.4
39	53.5	45.8	68.8
100	26.5	28.8	43.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/27/2022

Supervised By :Mahesh Dadoda 09/12/2022



#48

Ethyl methacrylate

Concen: 0.352 ug/l

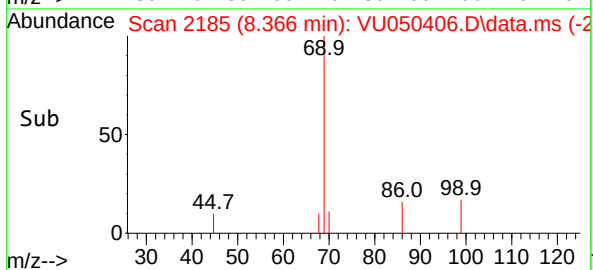
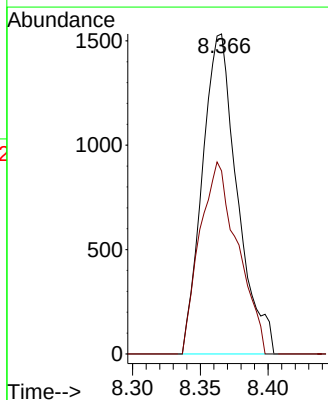
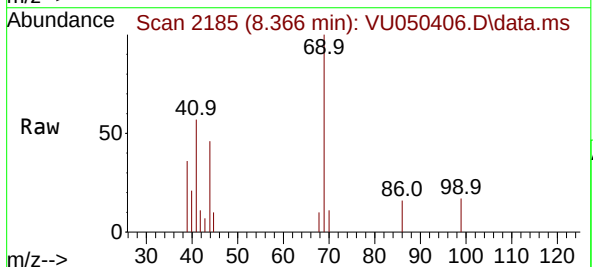
RT: 8.366 min Scan# 2185

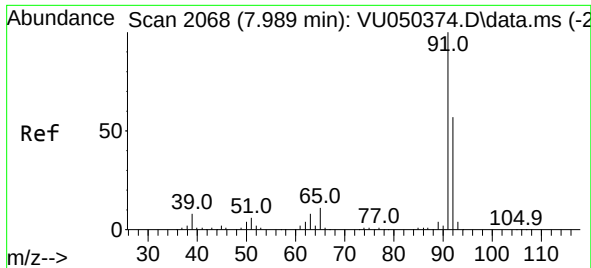
Delta R.T. 0.029 min

Lab File: VU050406.D

Acq: 22 Aug 2022 19:24

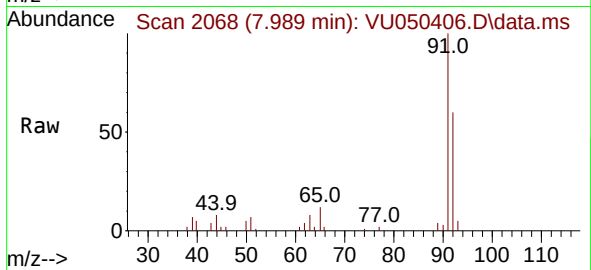
Tgt Ion:	69	Resp:	2750
Ion Ratio	100	Lower	Upper
69	100		
41	65.1	32.3	96.9





#49
Toluene
Concen: 0.413 ug/l
RT: 7.989 min Scan# 2068
Delta R.T. 0.019 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

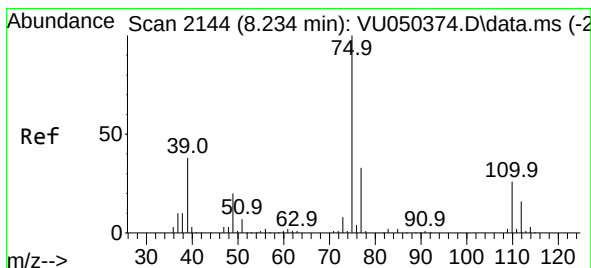
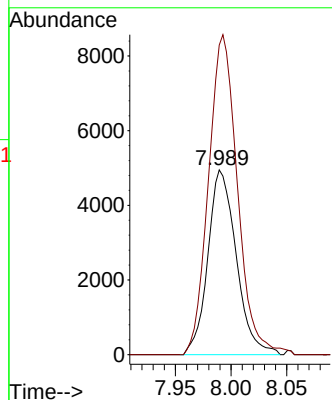
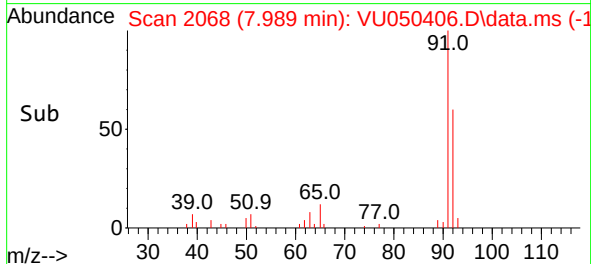
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 92 Resp: 878
Ion Ratio Lower Upper
92 100
91 176.5 138.6 207.8

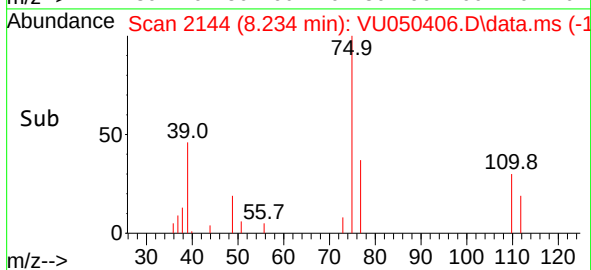
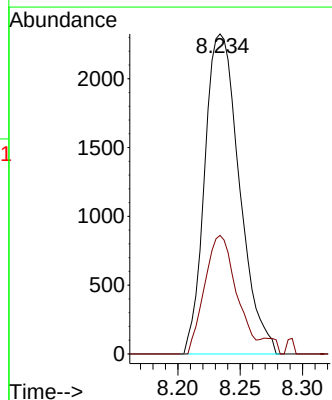
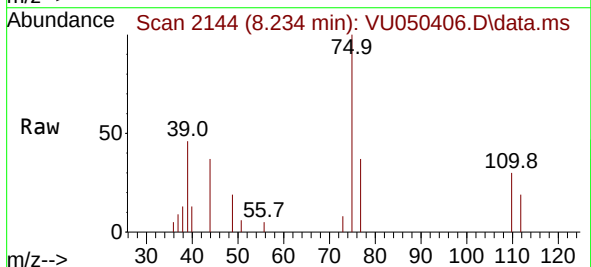
Manual Integrations
APPROVED

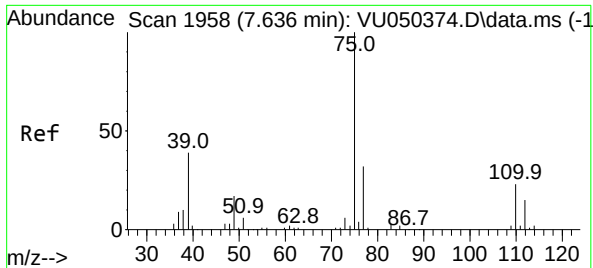
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#50
t-1,3-Dichloropropene
Concen: 0.428 ug/l
RT: 8.234 min Scan# 2144
Delta R.T. 0.023 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

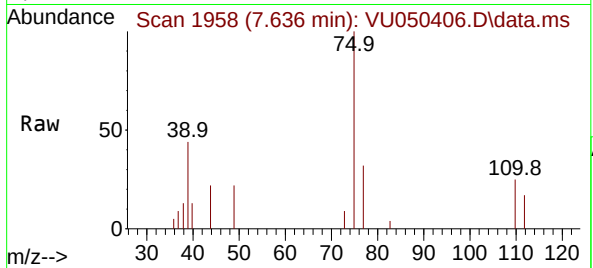
Tgt Ion: 75 Resp: 4508
Ion Ratio Lower Upper
75 100
77 37.0 24.7 37.1





#51
 cis-1,3-Dichloropropene
 Concen: 0.426 ug/l
 RT: 7.636 min Scan# 1958
 Delta R.T. 0.026 min
 Lab File: VU050406.D
 Acq: 22 Aug 2022 19:24

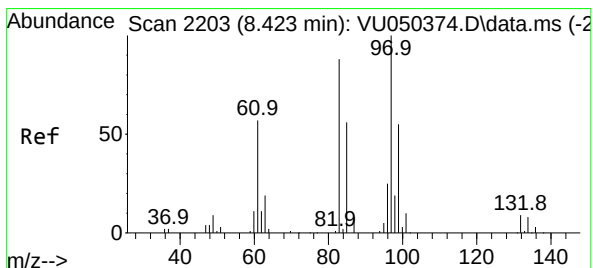
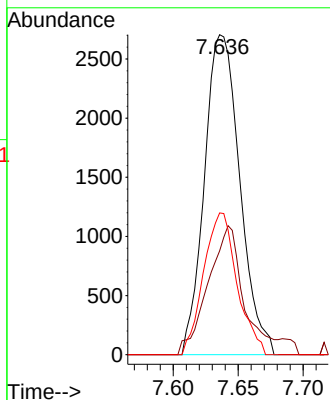
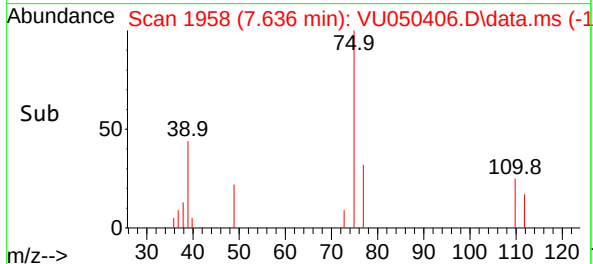
Instrument : MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT3-2022



Tgt Ion: 75 Resp: 513
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.4 38.0
 39 44.3 35.1 52.7

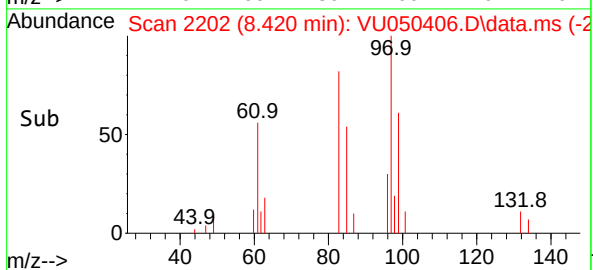
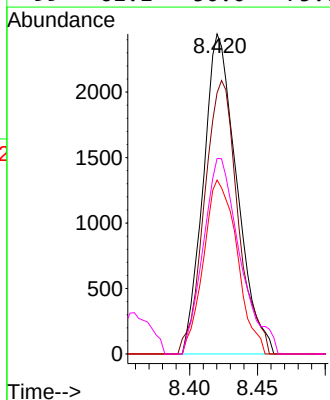
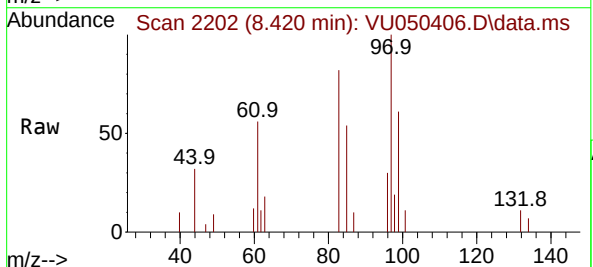
Manual Integrations
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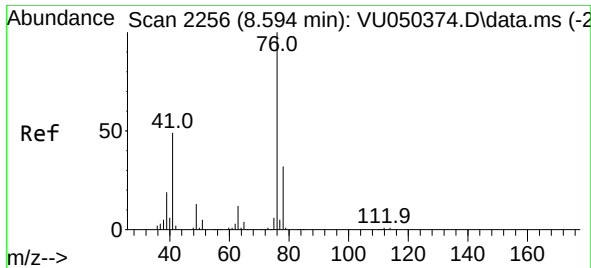
Reviewed By :Krupa Patel 08/27/2022
 Supervised By :Mahesh Dadoda 09/12/2022



#52
 1,1,2-Trichloroethane
 Concen: 0.498 ug/l
 RT: 8.420 min Scan# 2202
 Delta R.T. 0.019 min
 Lab File: VU050406.D
 Acq: 22 Aug 2022 19:24

Tgt Ion: 97 Resp: 4192
 Ion Ratio Lower Upper
 97 100
 83 81.6 70.6 106.0
 85 54.4 46.2 69.4
 99 61.1 50.0 75.0





#53

1,3-Dichloropropane

Concen: 0.475 ug/l

RT: 8.594 min Scan# 2256

Delta R.T. 0.016 min

Lab File: VU050406.D

Acq: 22 Aug 2022 19:24

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2022

Tgt Ion: 76 Resp: 629

Ion Ratio Lower Upper

76 100

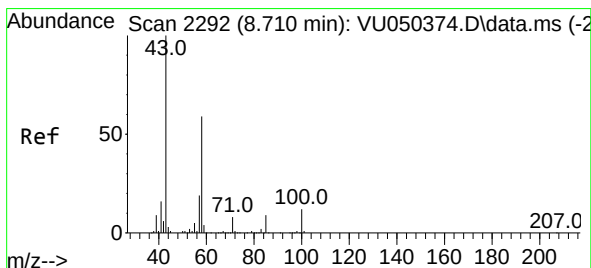
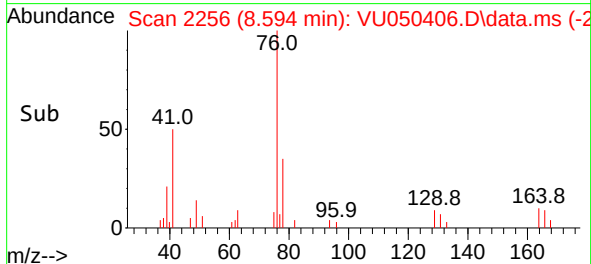
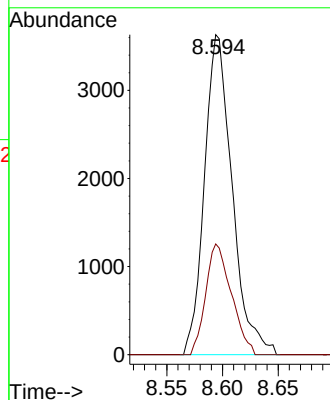
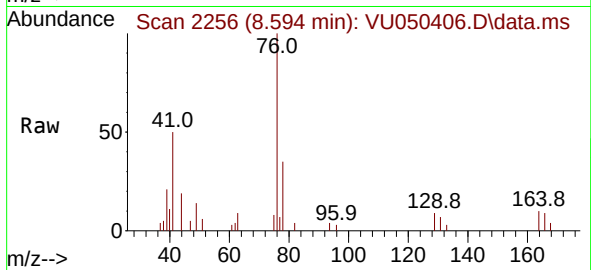
78 32.0 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/27/2022

Supervised By :Mahesh Dadoda 09/12/2022



#54

2-Hexanone

Concen: 1.930 ug/l

RT: 8.716 min Scan# 2294

Delta R.T. 0.026 min

Lab File: VU050406.D

Acq: 22 Aug 2022 19:24

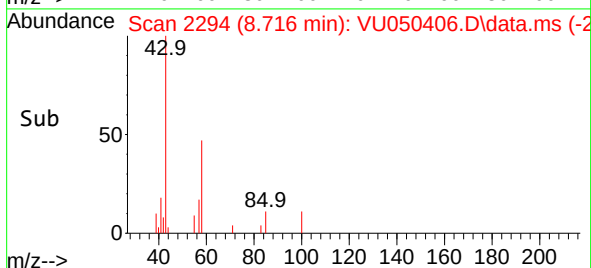
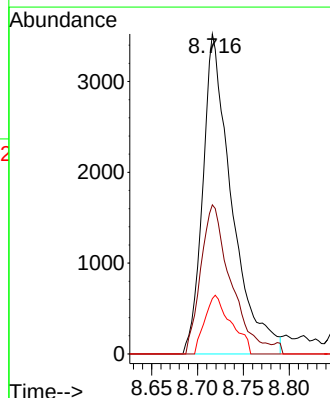
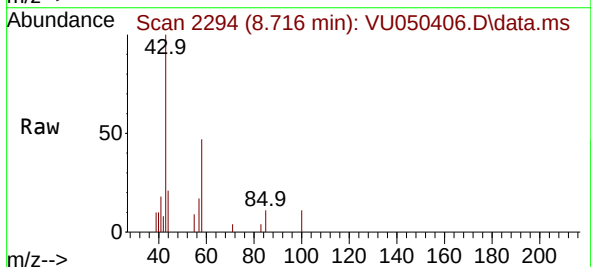
Tgt Ion: 43 Resp: 7728

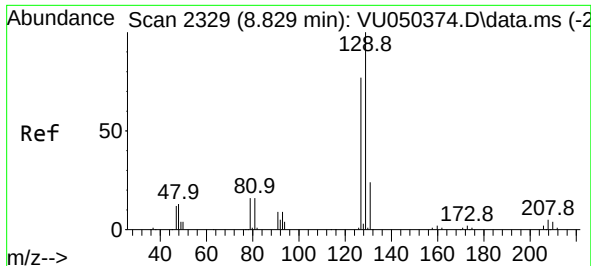
Ion Ratio Lower Upper

43 100

58 48.6 37.1 77.1

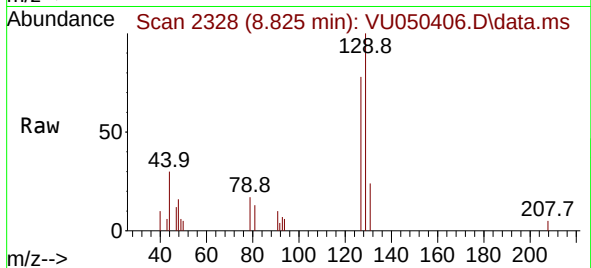
57 16.6 0.0 39.5





#55
Dibromochloromethane
Concen: 0.506 ug/l
RT: 8.825 min Scan# 2329
Delta R.T. 0.013 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

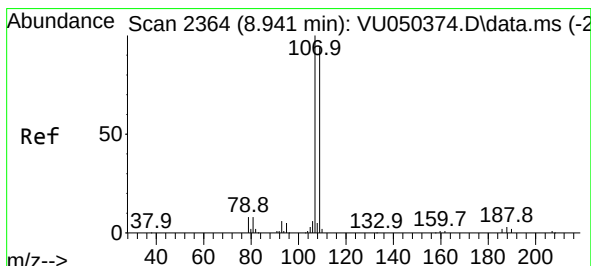
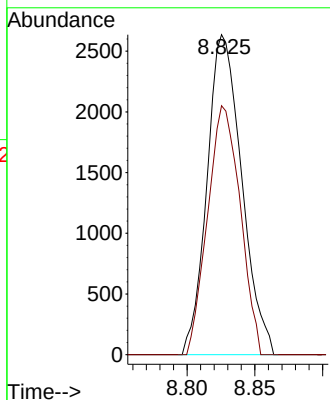
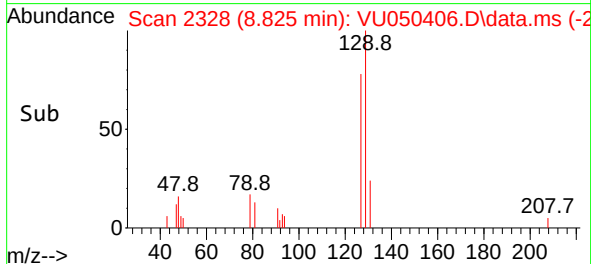
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:129 Resp: 4680
Ion Ratio Lower Upper
129 100
127 73.0 61.2 91.8

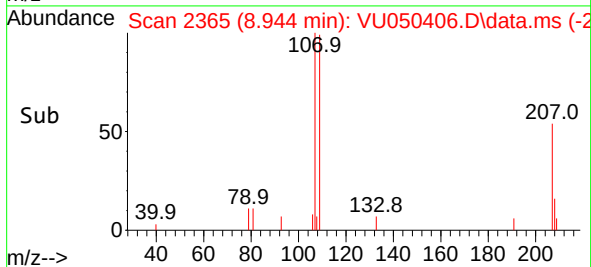
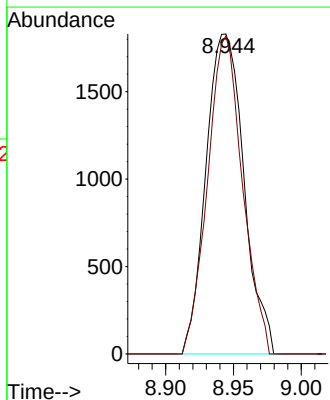
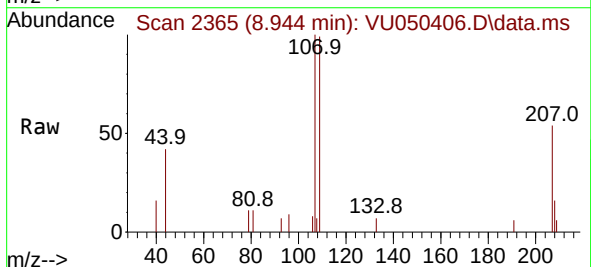
Manual Integrations
APPROVED

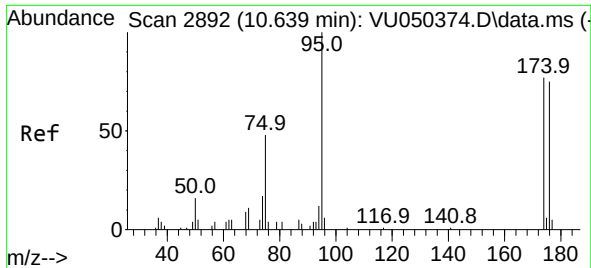
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#56
1,2-Dibromoethane
Concen: 0.471 ug/l
RT: 8.944 min Scan# 2365
Delta R.T. 0.019 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

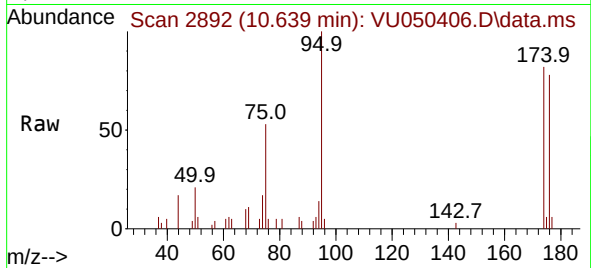
Tgt Ion:107 Resp: 3558
Ion Ratio Lower Upper
107 100
109 91.5 0.0 187.2





#57
4-Bromofluorobenzene
Concen: 0.832 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.007 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

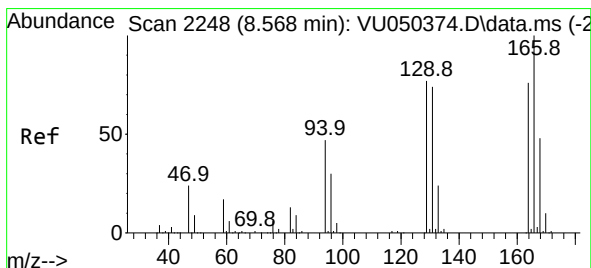
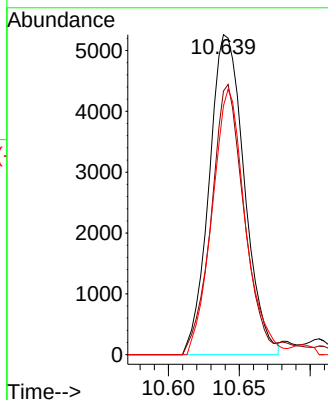
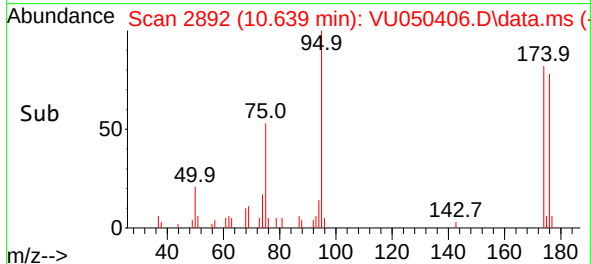
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT3-2022



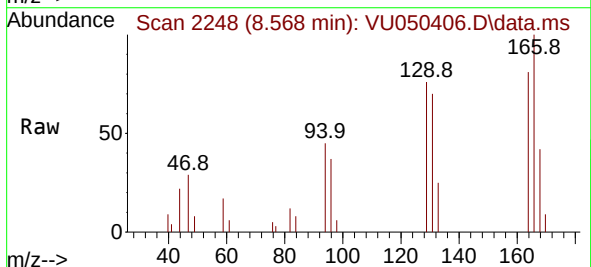
Tgt Ion: 95 Resp: 908
Ion Ratio Lower Upper
95 100
174 81.0 62.4 93.6
176 78.2 56.2 84.2

Manual Integrations
APPROVED

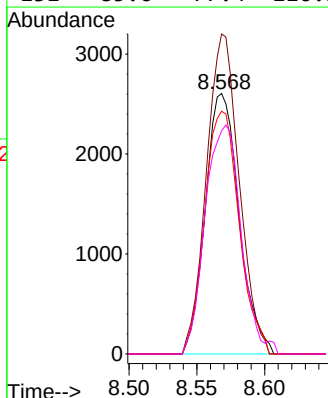
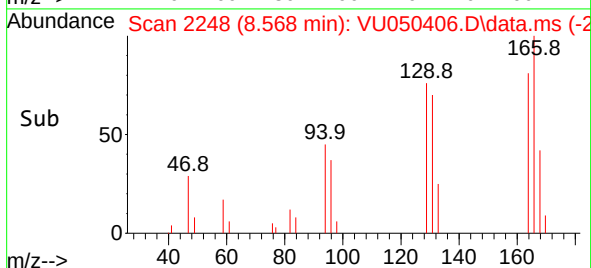
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022

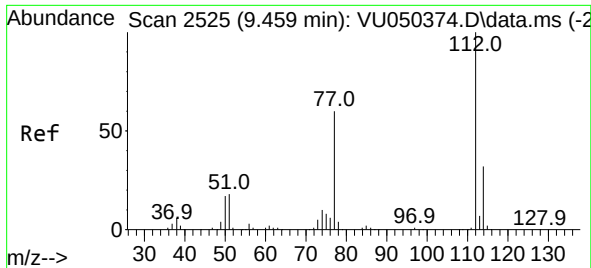


#58
Tetrachloroethene
Concen: 0.505 ug/l
RT: 8.568 min Scan# 2248
Delta R.T. 0.016 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24



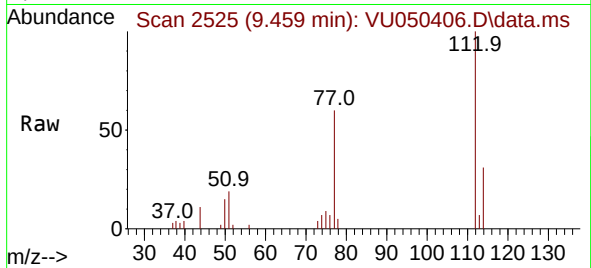
Tgt Ion:164 Resp: 4508
Ion Ratio Lower Upper
164 100
166 122.8 102.4 153.6
129 93.2 79.5 119.3
131 85.6 77.4 116.2





#59
Chlorobenzene
Concen: 0.454 ug/l
RT: 9.459 min Scan# 2525
Delta R.T. 0.010 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

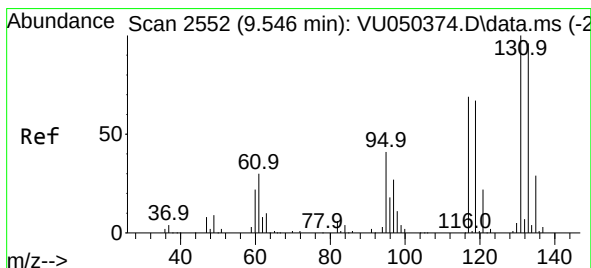
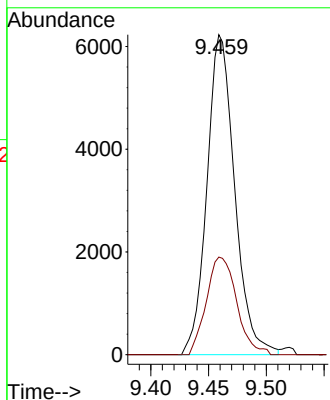
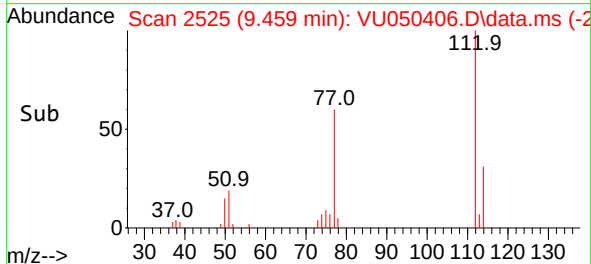
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022



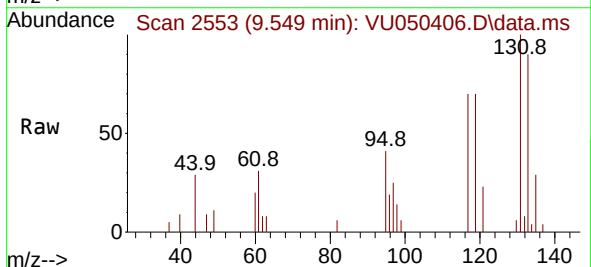
Tgt Ion:112 Resp: 10410
Ion Ratio Lower Upper
112 100
114 30.5 24.9 37.3

Manual Integrations
APPROVED

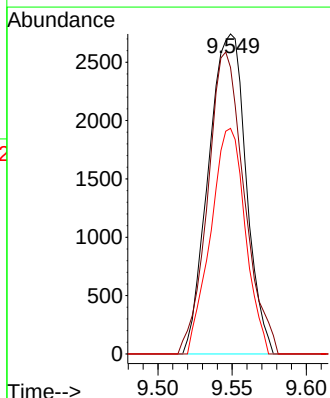
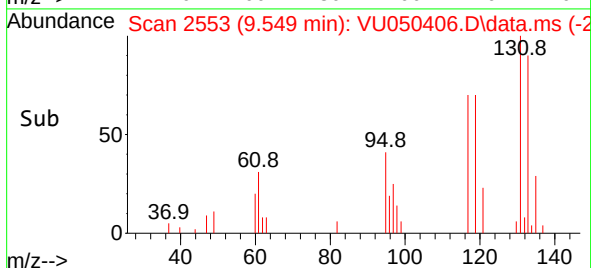
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022

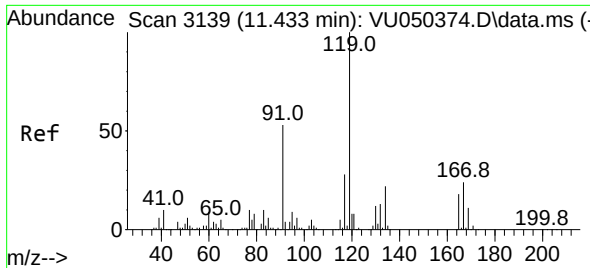


#60
1,1,1,2-Tetrachloroethane
Concen: 0.501 ug/l
RT: 9.549 min Scan# 2553
Delta R.T. 0.013 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24



Tgt Ion:131 Resp: 4829
Ion Ratio Lower Upper
131 100
133 91.4 78.3 117.5
119 64.9 53.2 79.8





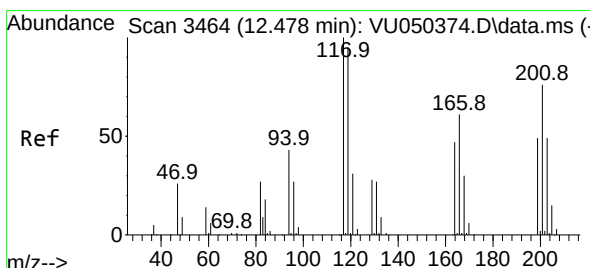
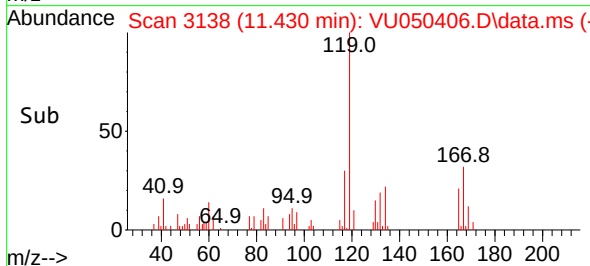
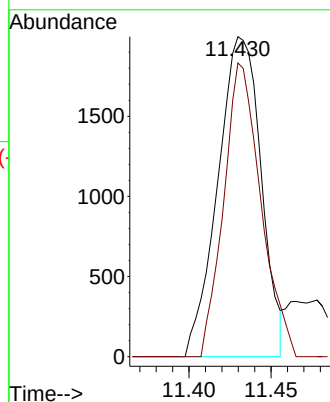
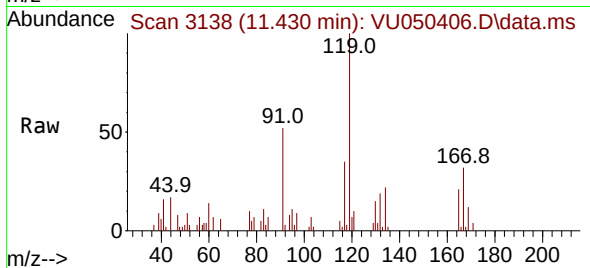
#61
Pentachloroethane
Concen: 0.456 ug/l
RT: 11.430 min Scan# 3139
Delta R.T. 0.000 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion:117 Resp: 365
Ion Ratio Lower Upper
117 100
167 78.8 66.2 99.4

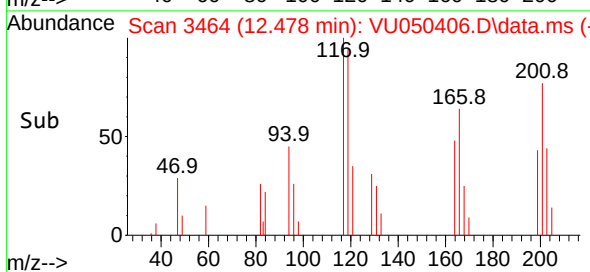
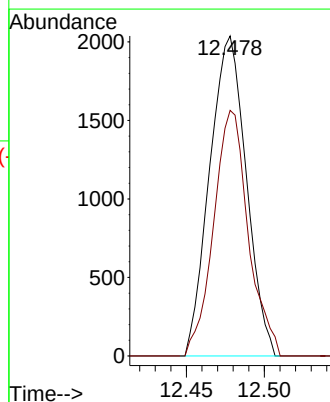
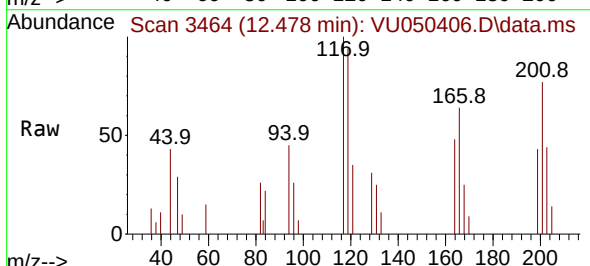
Manual Integrations
APPROVED

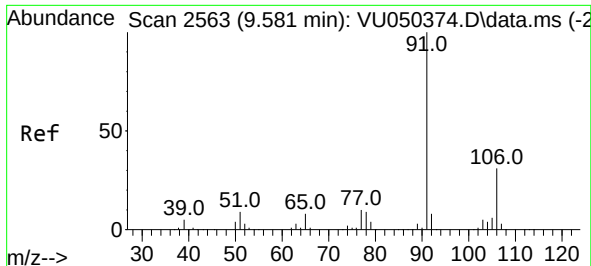
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#62
Hexachloroethane
Concen: 0.498 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.003 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

Tgt Ion:117 Resp: 3328
Ion Ratio Lower Upper
117 100
201 72.7 61.0 91.4





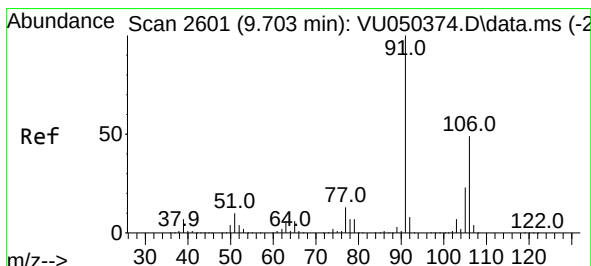
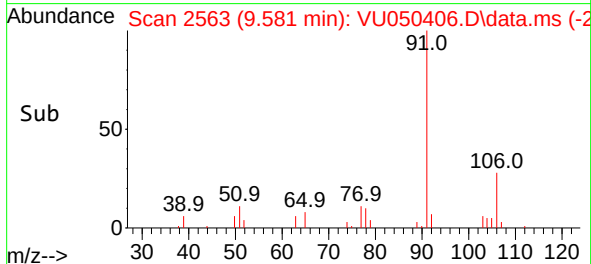
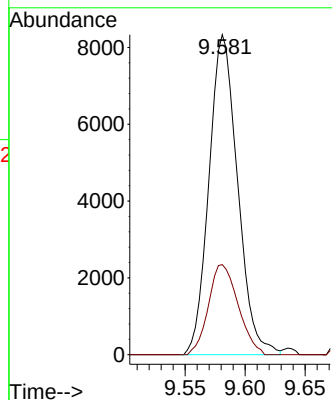
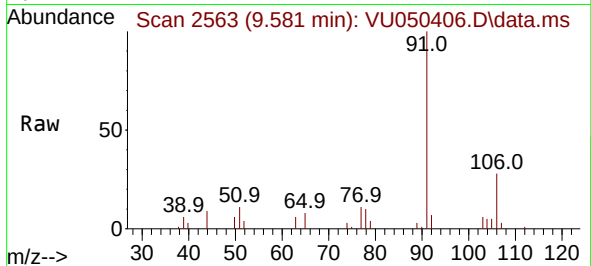
#63
Ethyl Benzene
Concen: 0.378 ug/l
RT: 9.581 min Scan# 2563
Delta R.T. 0.010 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion: 91 Resp: 13829
Ion Ratio Lower Upper
91 100
106 28.1 24.4 36.6

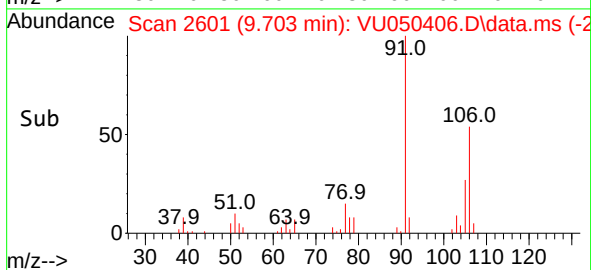
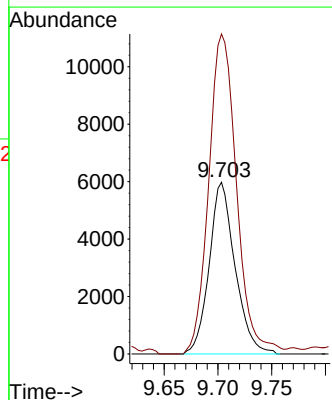
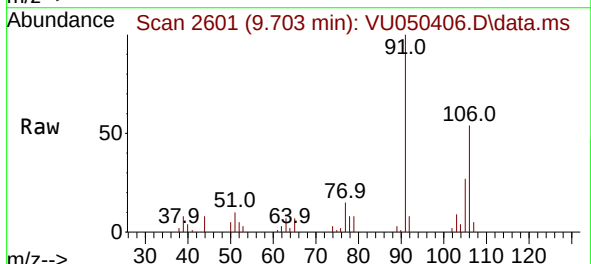
Manual Integrations
APPROVED

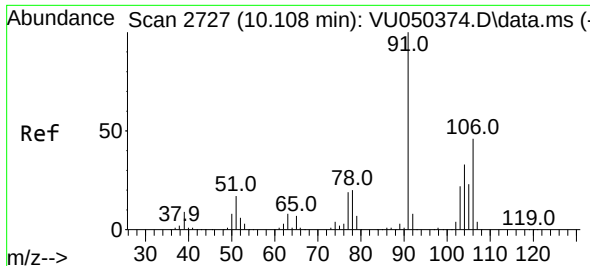
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#64
m/p-Xylenes
Concen: 0.702 ug/l
RT: 9.703 min Scan# 2601
Delta R.T. 0.010 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

Tgt Ion:106 Resp: 9999
Ion Ratio Lower Upper
106 100
91 200.6 167.8 251.6





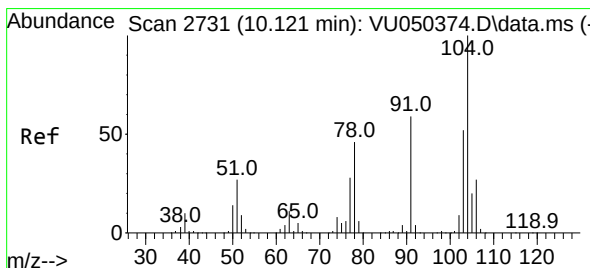
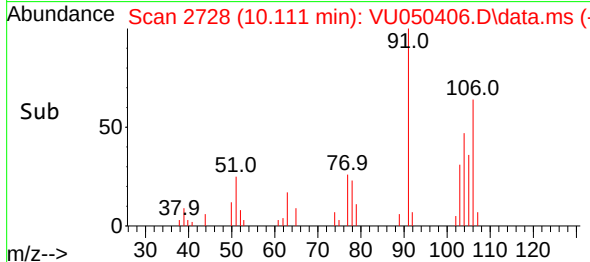
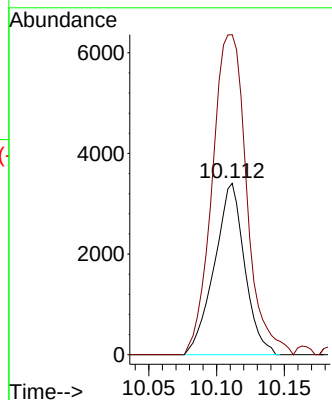
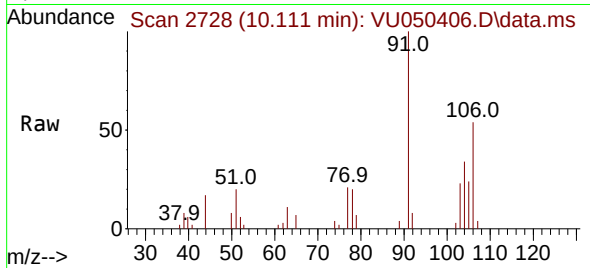
#65
o-Xylene
Concen: 0.390 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. 0.010 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion:106 Resp: 5298
Ion Ratio Lower Upper
106 100
91 212.1 111.1 333.2

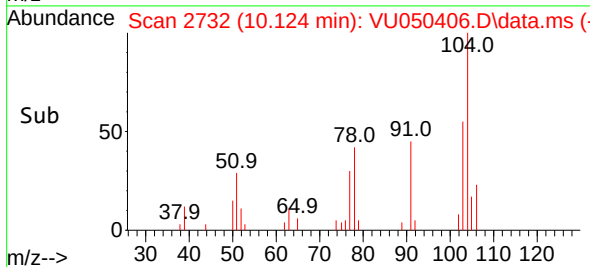
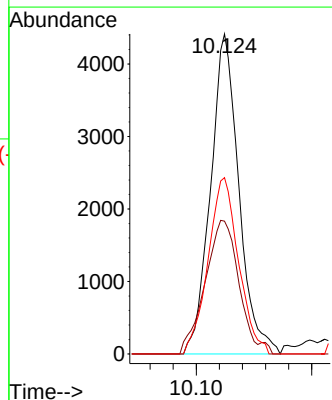
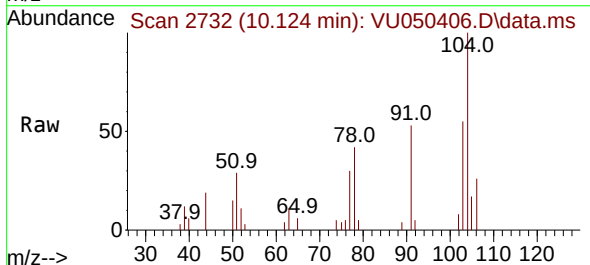
Manual Integrations
APPROVED

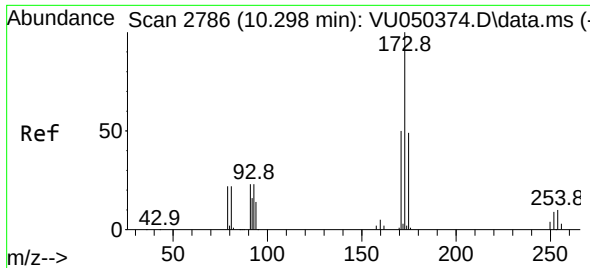
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#66
Styrene
Concen: 0.326 ug/l
RT: 10.124 min Scan# 2732
Delta R.T. 0.010 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

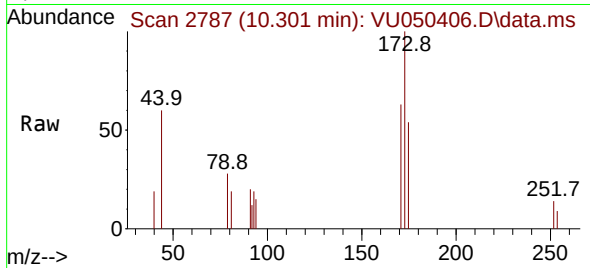
Tgt Ion:104 Resp: 7521
Ion Ratio Lower Upper
104 100
78 49.9 42.1 63.1
103 59.2 44.5 66.7





#67
Bromoform
Concen: 0.472 ug/l
RT: 10.301 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

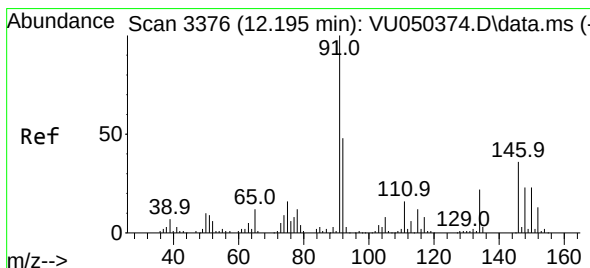
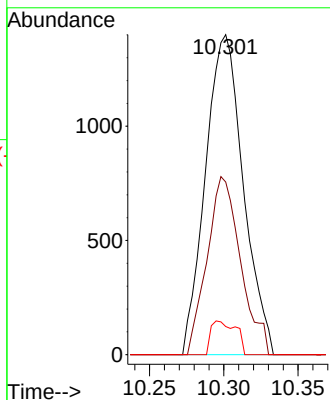
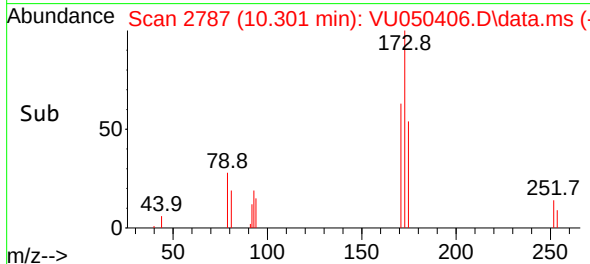
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022



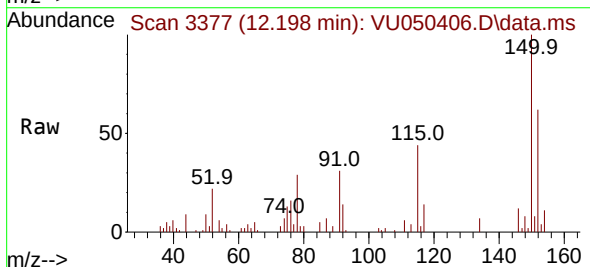
Tgt Ion:173 Resp: 2484
Ion Ratio Lower Upper
173 100
175 49.4 38.4 57.6
254 6.9 7.7 11.5

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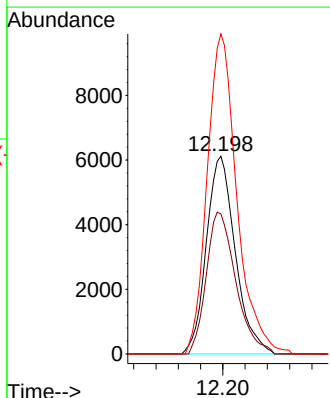
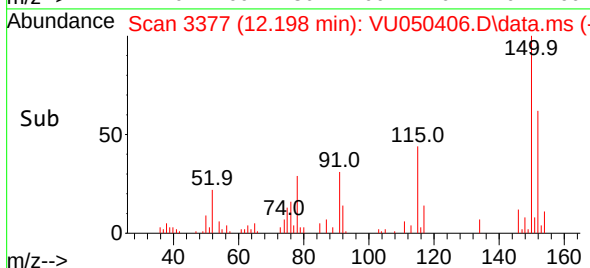
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022

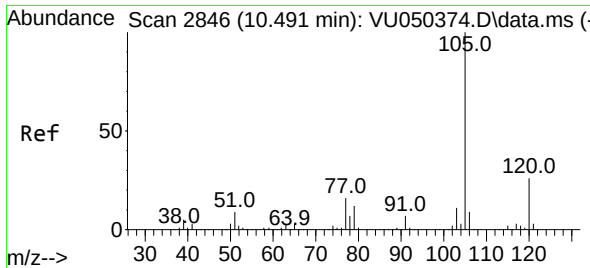


#68
1,2-Dichlorobenzene-d4
Concen: 0.856 ug/l
RT: 12.198 min Scan# 3377
Delta R.T. 0.003 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24



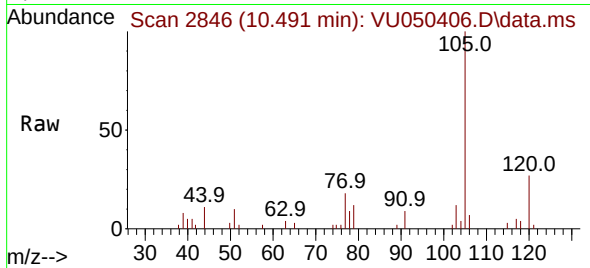
Tgt Ion:152 Resp: 11044
Ion Ratio Lower Upper
152 100
115 73.1 0.0 254.6
150 165.9 0.0 623.6





#69
Isopropylbenzene
Concen: 0.360 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. 0.007 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

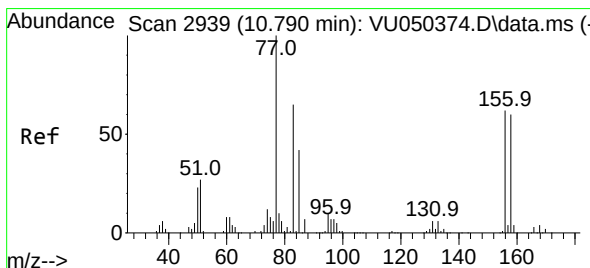
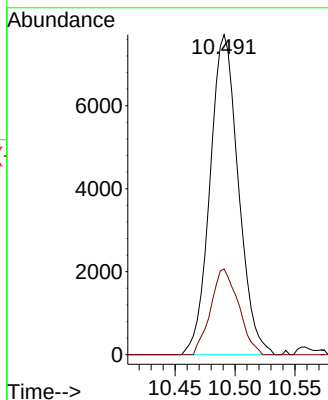
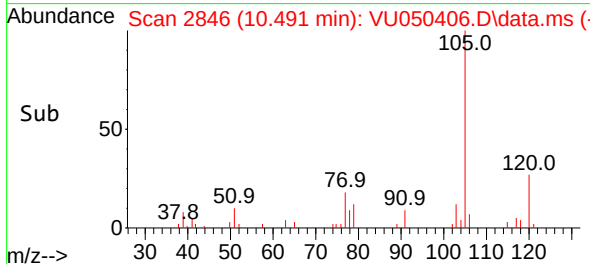
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022



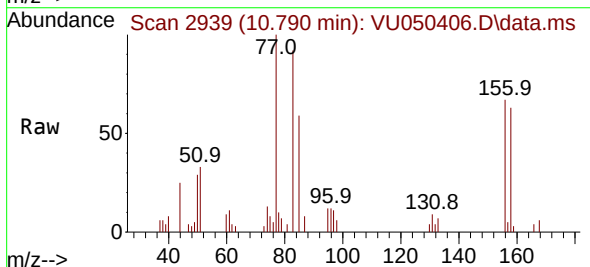
Tgt Ion:105 Resp: 1269
Ion Ratio Lower Upper
105 100
120 26.3 12.6 37.8

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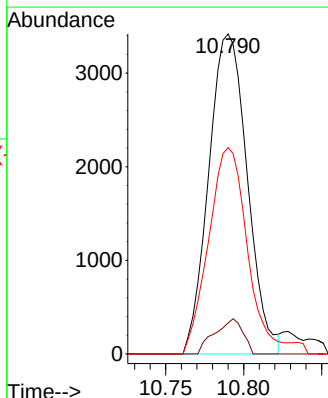
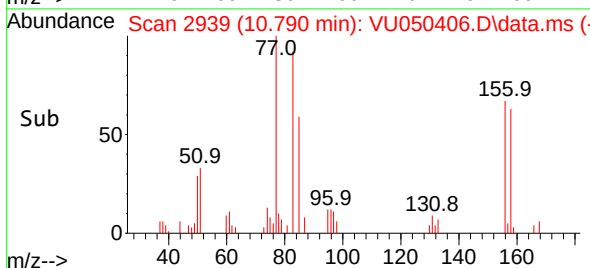
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022

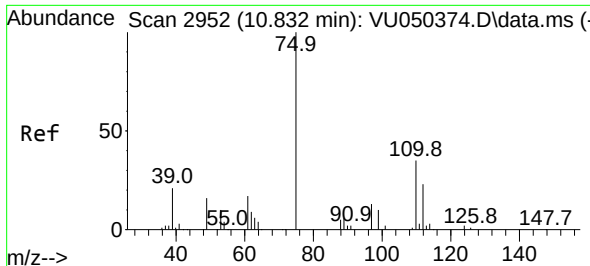


#70
1,1,2,2-Tetrachloroethane
Concen: 0.507 ug/l
RT: 10.790 min Scan# 2939
Delta R.T. 0.007 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24



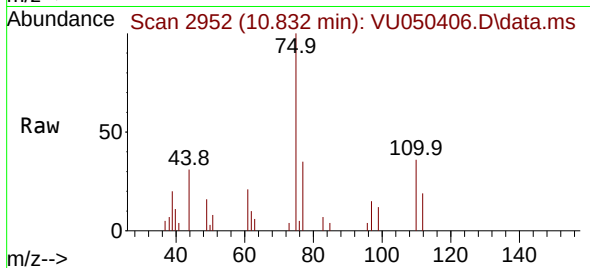
Tgt Ion: 83 Resp: 5874
Ion Ratio Lower Upper
83 100
131 8.0 7.7 11.5
85 65.9 51.2 76.8





#71
1,2,3-Trichloropropane
Concen: 0.475 ug/l m
RT: 10.832 min Scan# 2952
Delta R.T. 0.007 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022

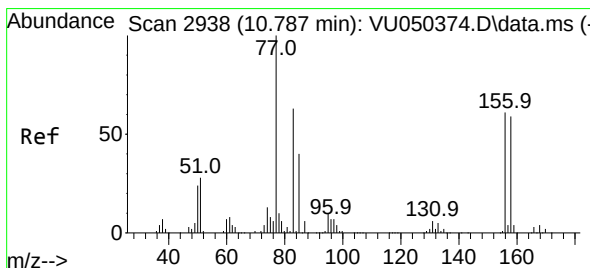
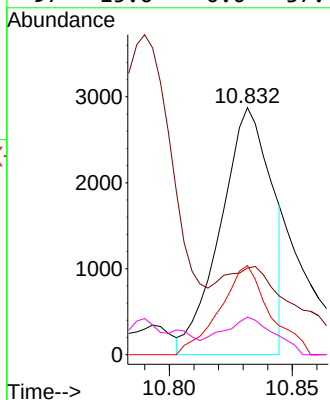
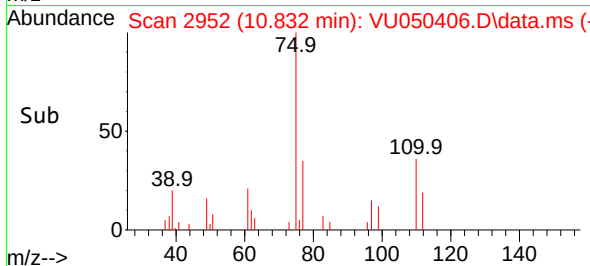


Tgt Ion: 75 Resp: 413

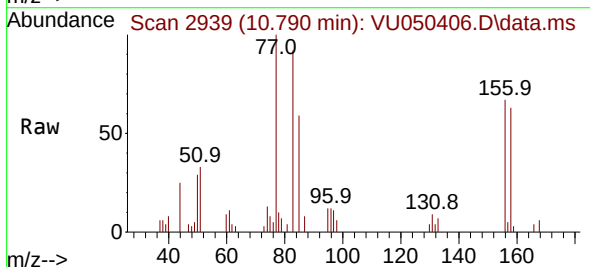
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	112.4
110	35.5	0.0	70.6
97	15.6	0.0	37.4

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

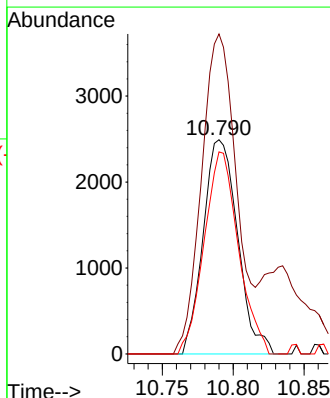
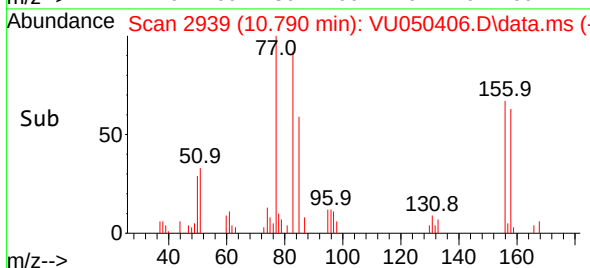


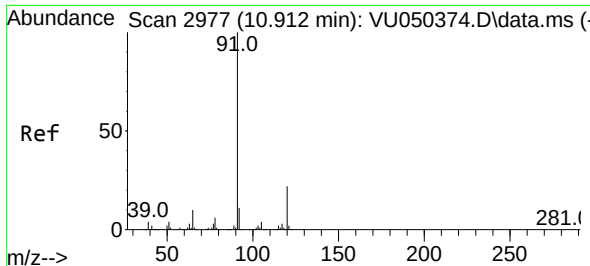
#72
Bromobenzene
Concen: 0.425 ug/l
RT: 10.790 min Scan# 2939
Delta R.T. 0.007 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24



Tgt Ion:156 Resp: 4212

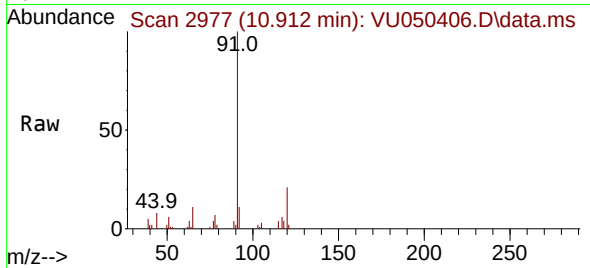
Ion	Ratio	Lower	Upper
156	100		
77	152.1	0.0	344.4
158	93.9	0.0	192.2





#73
n-propylbenzene
Concen: 0.331 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. 0.007 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

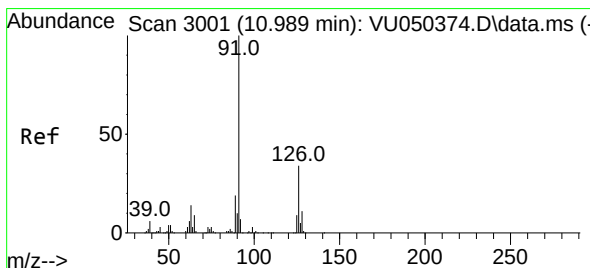
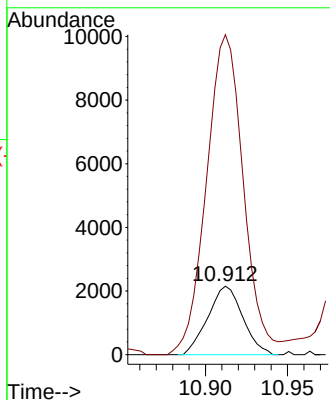
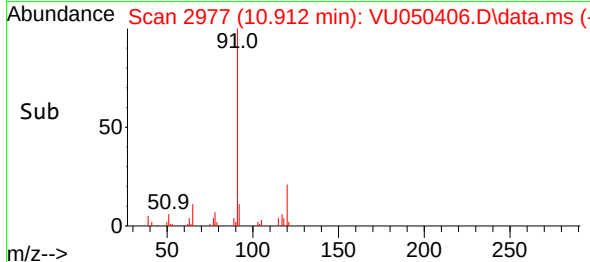
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:120 Resp: 317
Ion Ratio Lower Upper
120 100
91 493.9 367.8 551.6

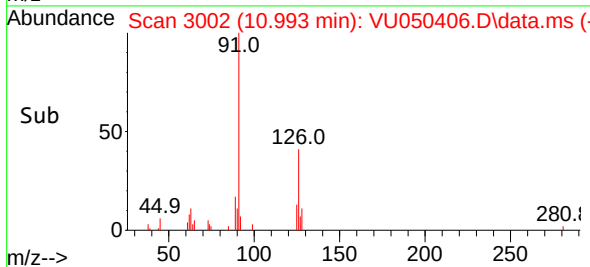
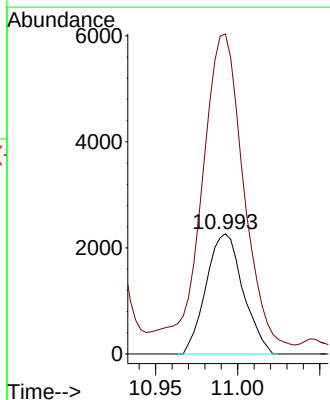
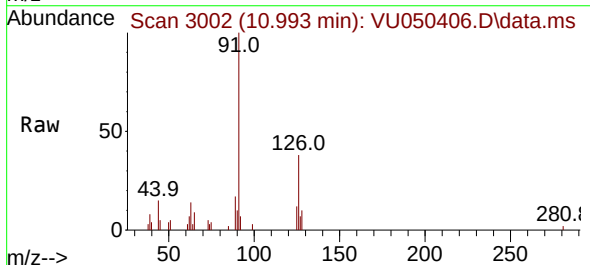
Manual Integrations
APPROVED

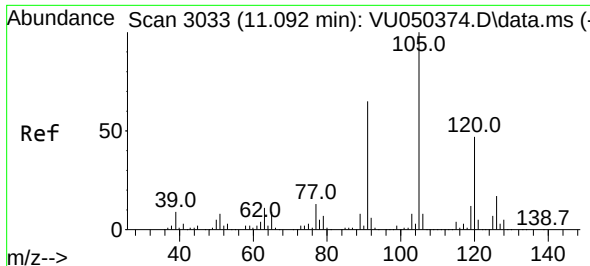
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#74
2-Chlorotoluene
Concen: 0.379 ug/l
RT: 10.993 min Scan# 3002
Delta R.T. 0.007 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

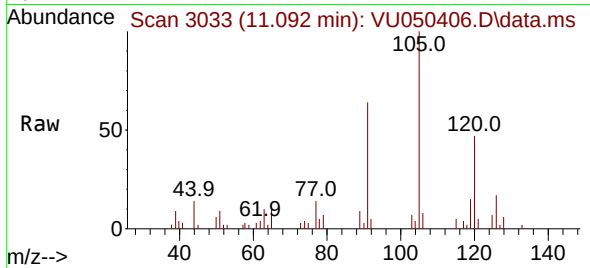
Tgt Ion:126 Resp: 3535
Ion Ratio Lower Upper
126 100
91 286.8 0.0 620.6





#75
1,3,5-Trimethylbenzene
Concen: 0.327 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.003 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

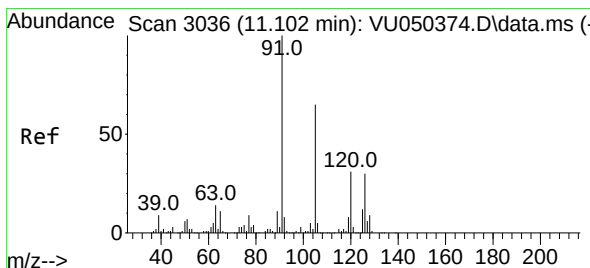
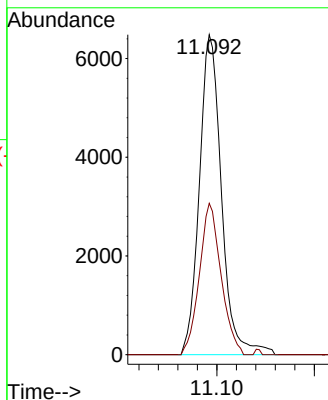
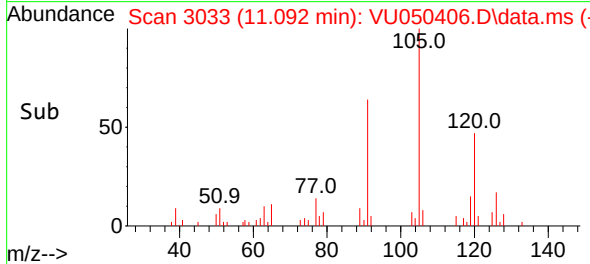
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT3-2022



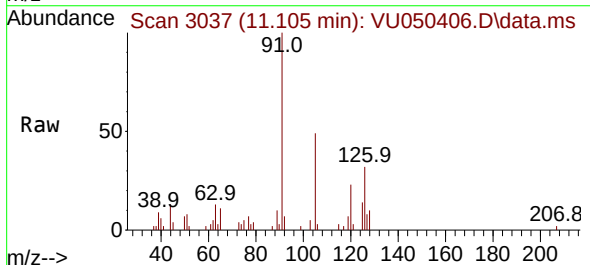
Tgt Ion:105 Resp: 1020
Ion Ratio Lower Upper
105 100
120 46.4 37.6 56.4

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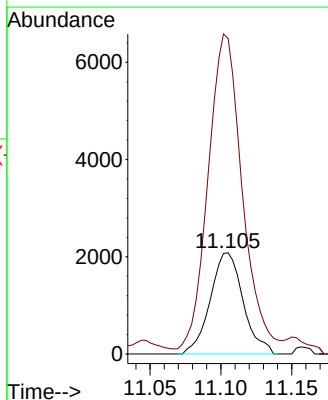
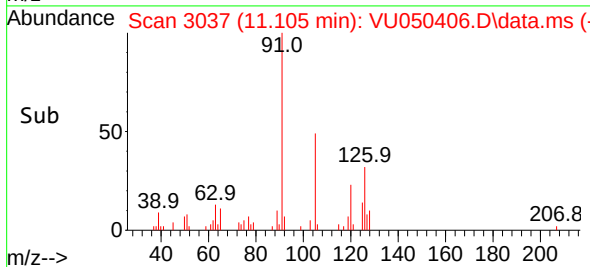
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022

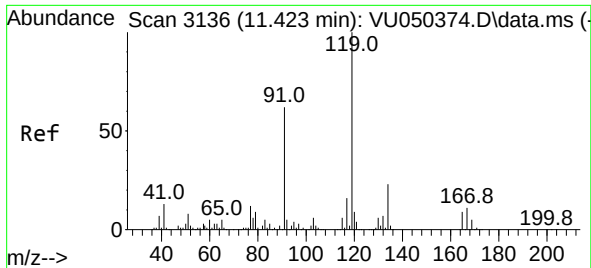


#76
4-Chlorotoluene
Concen: 0.352 ug/l
RT: 11.105 min Scan# 3037
Delta R.T. 0.007 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24



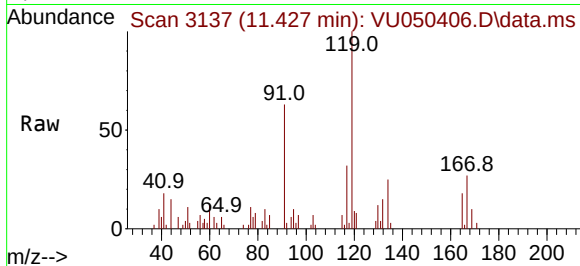
Tgt Ion:126 Resp: 3365
Ion Ratio Lower Upper
126 100
91 318.8 0.0 738.8





#77
tert-Butylbenzene
Concen: 0.367 ug/l
RT: 11.427 min Scan# 3136
Delta R.T. 0.007 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

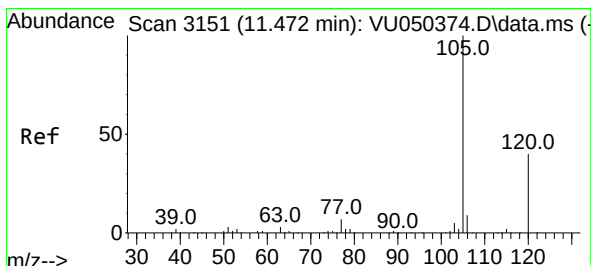
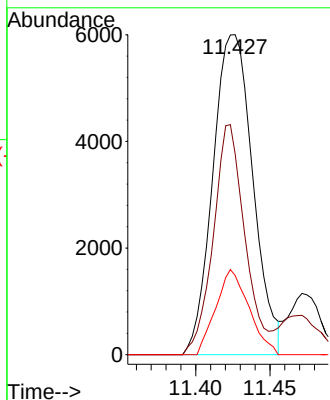
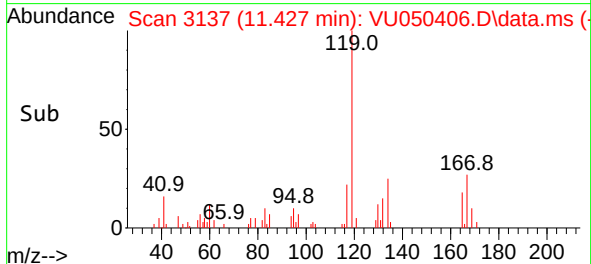
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022



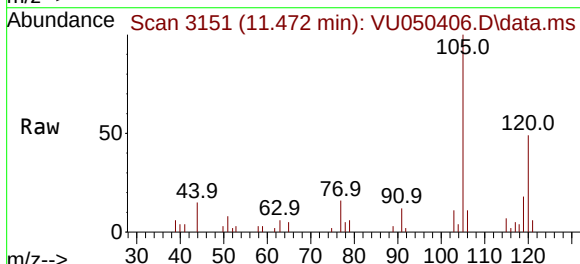
Tgt Ion:119 Resp: 11269
Ion Ratio Lower Upper
119 100
91 56.5 30.4 91.3
134 21.9 17.8 26.6

Manual Integrations
APPROVED

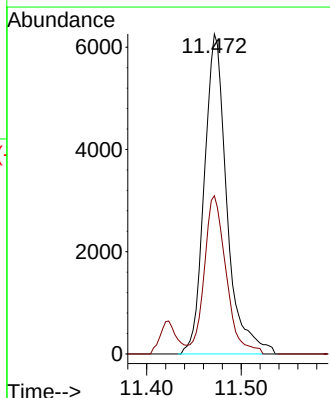
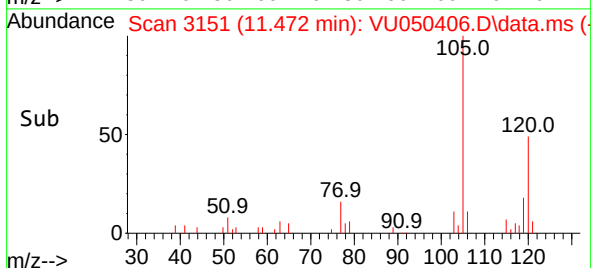
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022

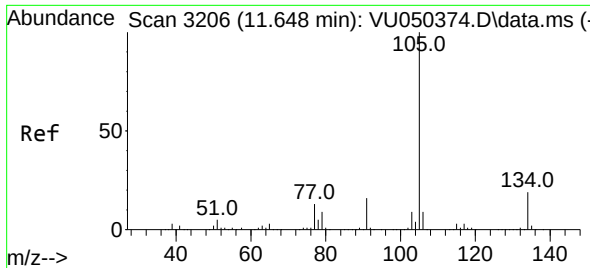


#78
1,2,4-Trimethylbenzene
Concen: 0.322 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24



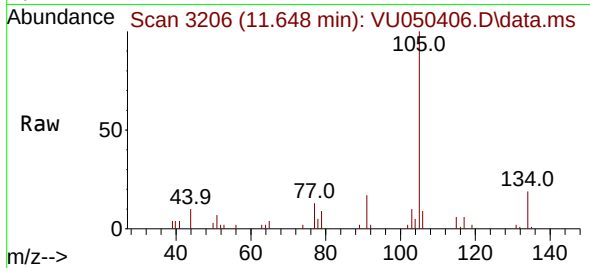
Tgt Ion:105 Resp: 10357
Ion Ratio Lower Upper
105 100
120 47.9 21.6 65.0





#79
 sec-Butylbenzene
 Concen: 0.359 ug/l
 RT: 11.648 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU050406.D
 Acq: 22 Aug 2022 19:24

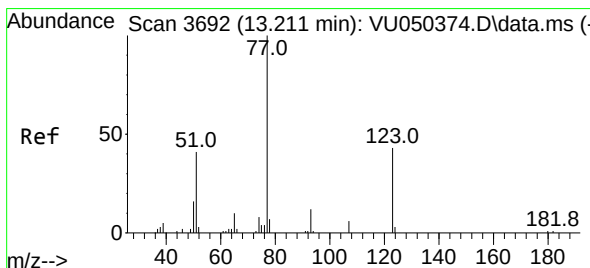
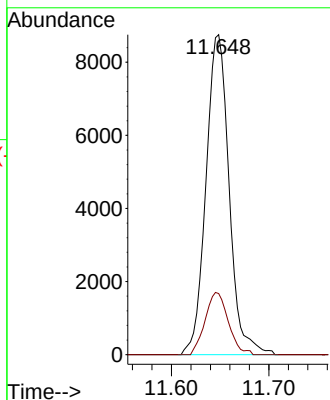
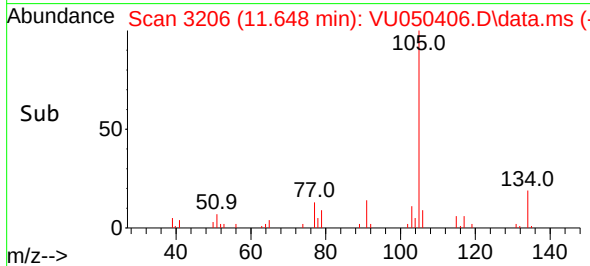
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT3-2022



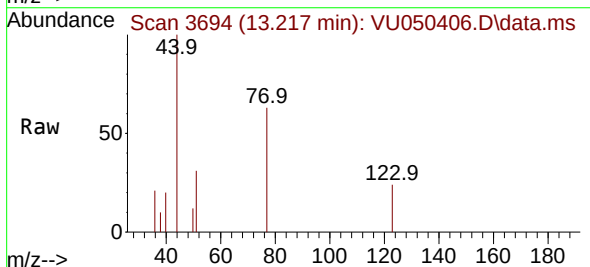
Tgt Ion:105 Resp: 1446
 Ion Ratio Lower Upper
 105 100
 134 19.4 15.4 23.0

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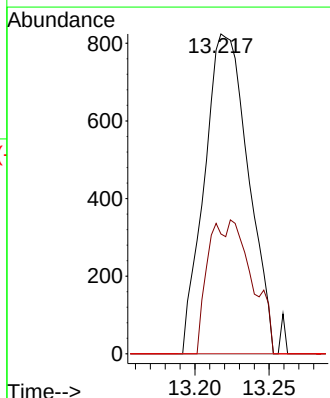
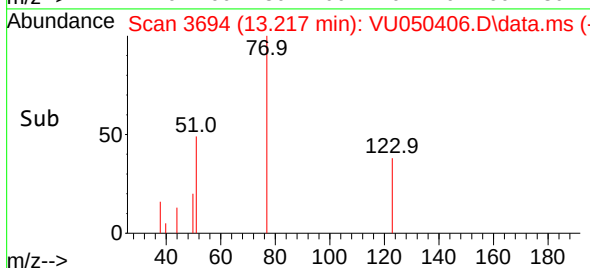
Reviewed By :Krupa Patel 08/27/2022
 Supervised By :Mahesh Dadoda 09/12/2022

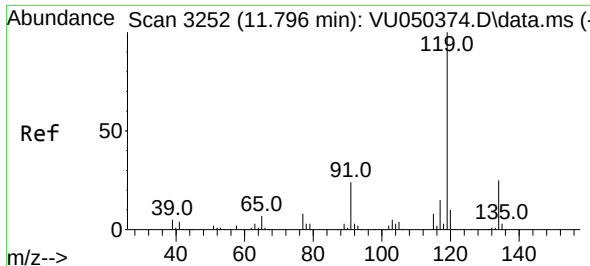


#80
 Nitrobenzene
 Concen: 2.694 ug/l
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.010 min
 Lab File: VU050406.D
 Acq: 22 Aug 2022 19:24



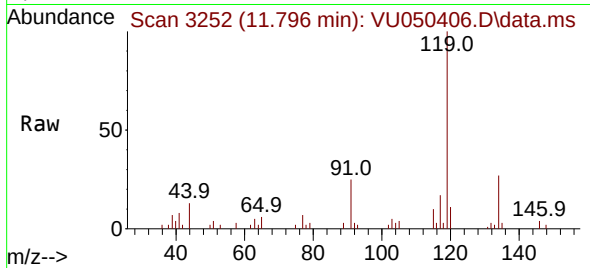
Tgt Ion: 77 Resp: 1693
 Ion Ratio Lower Upper
 77 100
 123 18.4 18.1 64.3
 65 0.0 10.8 13.8#





#81
p-Isopropyltoluene
Concen: 0.347 ug/l
RT: 11.796 min Scan# 3117
Delta R.T. 0.003 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

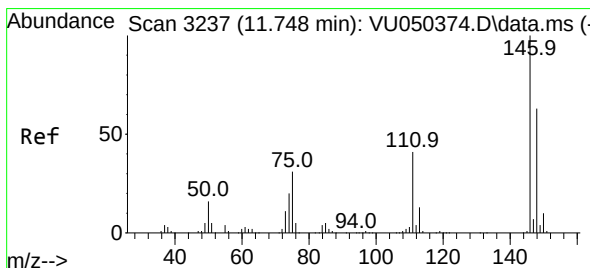
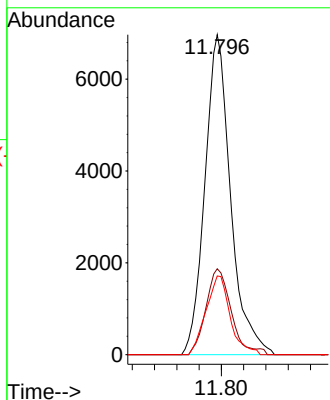
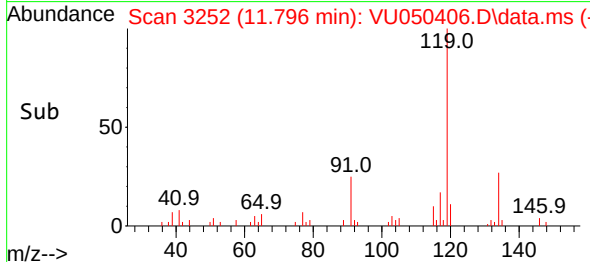
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT3-2022



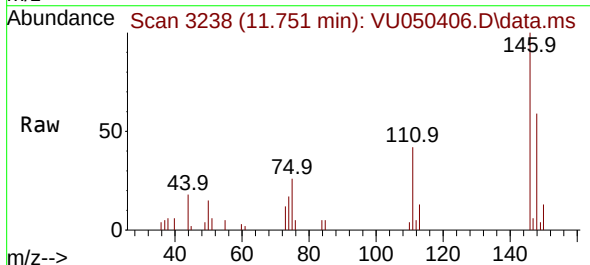
Tgt Ion:119 Resp: 1117
Ion Ratio Lower Upper
119 100
134 26.3 20.5 30.7
91 23.2 19.8 29.6

Manual Integrations
APPROVED

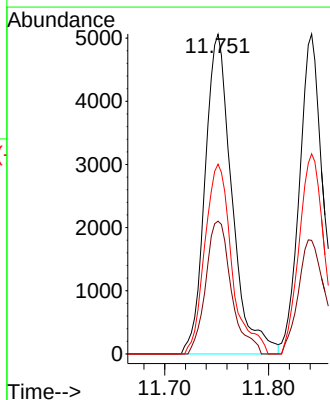
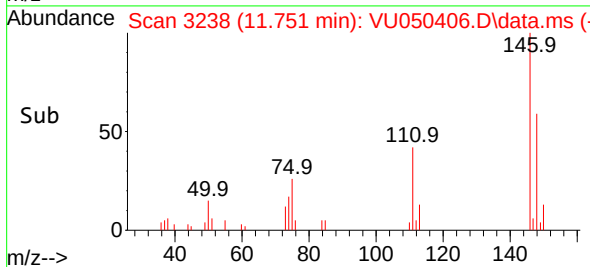
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022

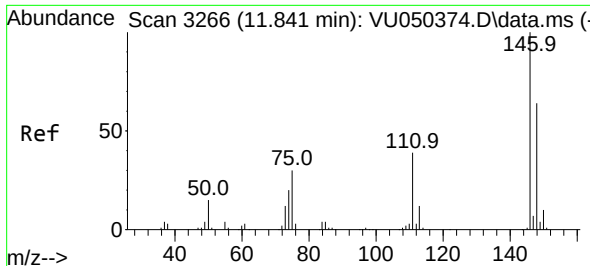


#82
1,3-Dichlorobenzene
Concen: 0.446 ug/l
RT: 11.751 min Scan# 3238
Delta R.T. 0.007 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24



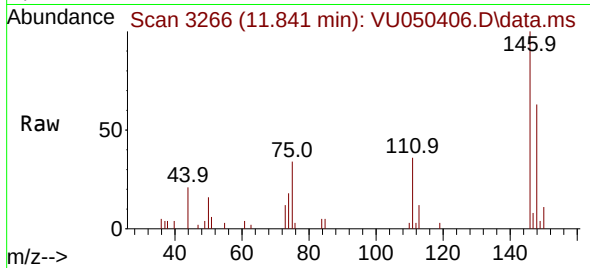
Tgt Ion:146 Resp: 9099
Ion Ratio Lower Upper
146 100
111 39.6 33.4 50.2
148 59.7 51.2 76.8





#83
1,4-Dichlorobenzene
Concen: 0.417 ug/l
RT: 11.841 min Scan# 3266
Delta R.T. 0.007 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

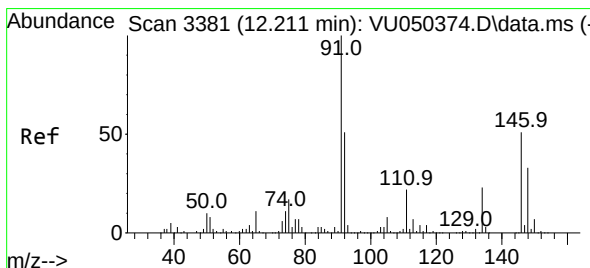
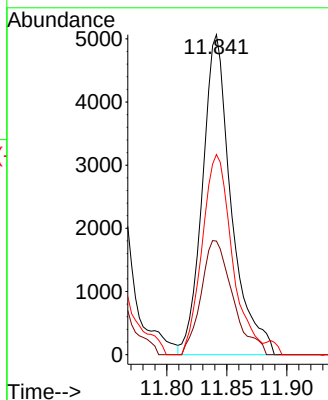
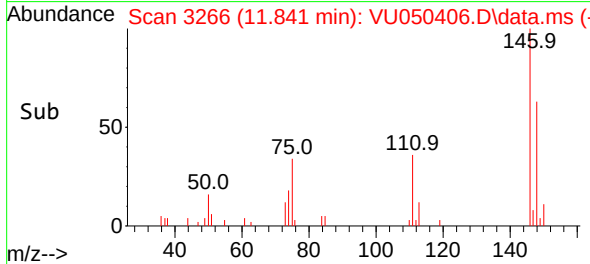
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022



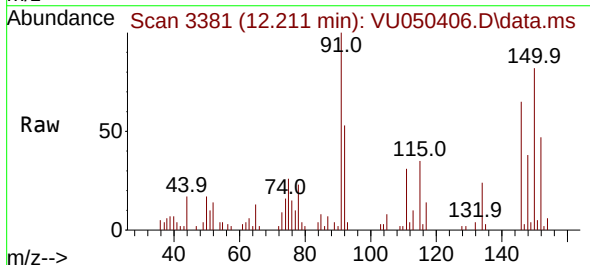
Tgt Ion:146 Resp: 846
Ion Ratio Lower Upper
146 100
111 39.1 32.6 49.0
148 65.2 51.6 77.4

Manual Integrations
APPROVED

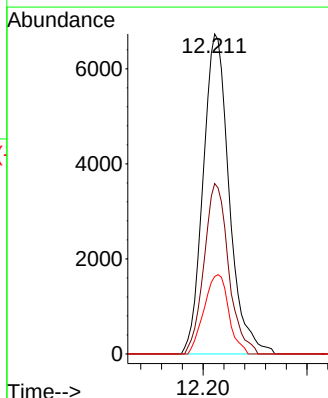
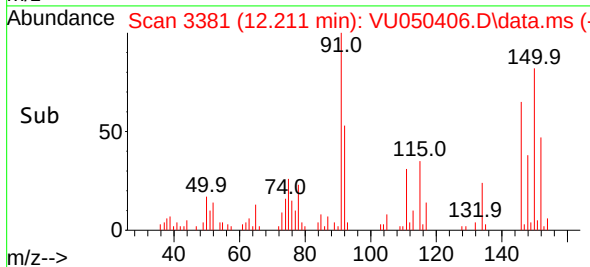
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022

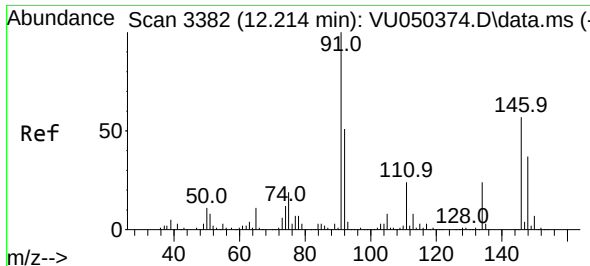


#84
n-Butylbenzene
Concen: 0.384 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24



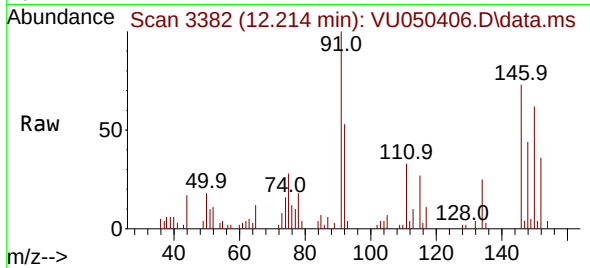
Tgt Ion: 91 Resp: 11681
Ion Ratio Lower Upper
91 100
92 50.2 42.3 63.5
134 23.4 19.6 29.4





#85
1,2-Dichlorobenzene
Concen: 0.425 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

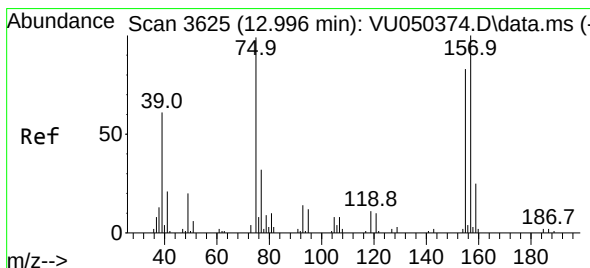
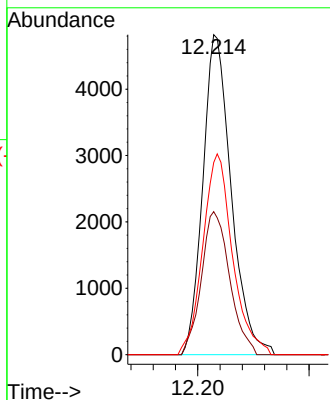
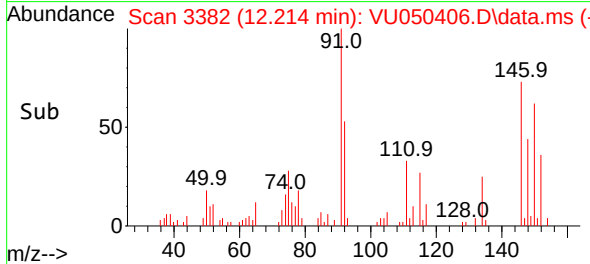
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:146 Resp: 852
Ion Ratio Lower Upper
146 100
111 44.7 22.1 66.1
148 65.7 32.1 96.3

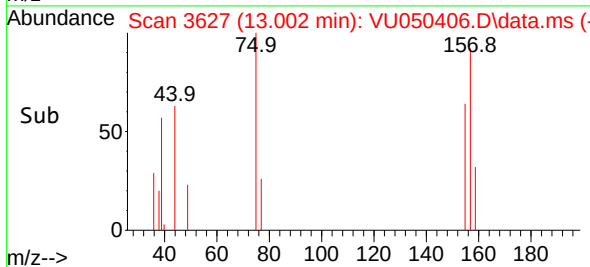
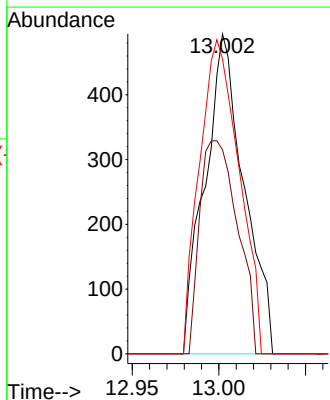
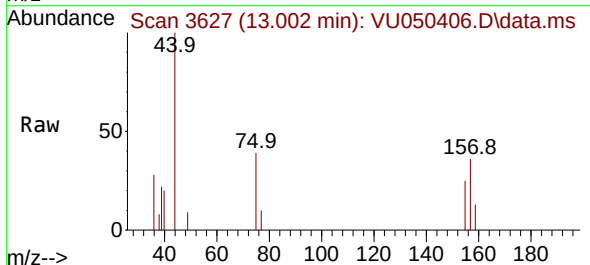
Manual Integrations
APPROVED

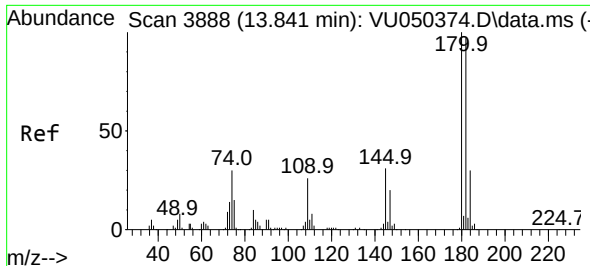
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.425 ug/l
RT: 13.002 min Scan# 3627
Delta R.T. 0.007 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

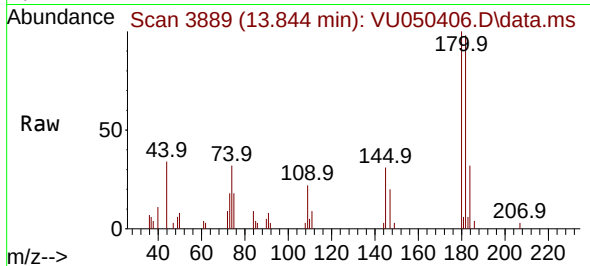
Tgt Ion: 75 Resp: 777
Ion Ratio Lower Upper
75 100
155 64.2 66.8 100.2#
157 99.6 83.8 125.8





#87
1,2,4-Trichlorobenzene
Concen: 0.493 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. 0.003 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

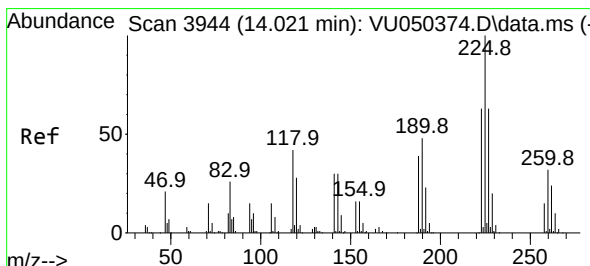
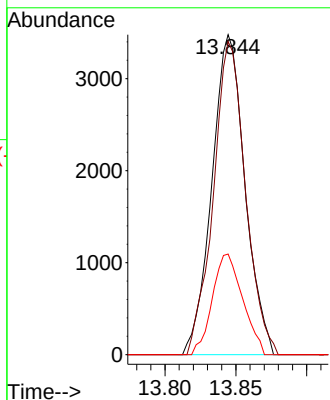
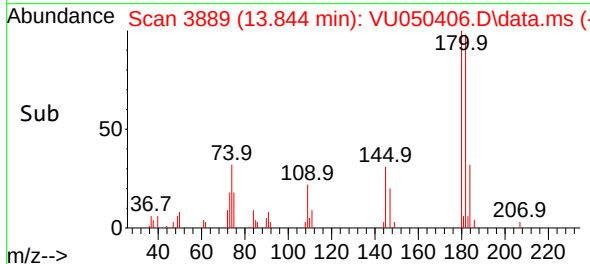
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:180 Resp: 5640
Ion Ratio Lower Upper
180 100
182 95.0 77.0 115.6
145 28.9 25.7 38.5

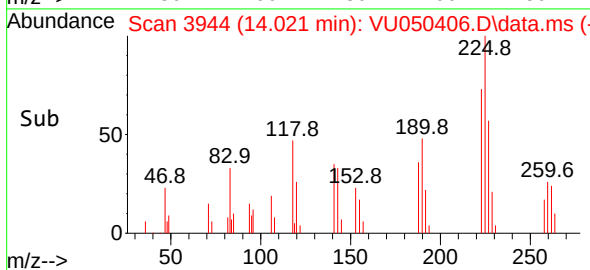
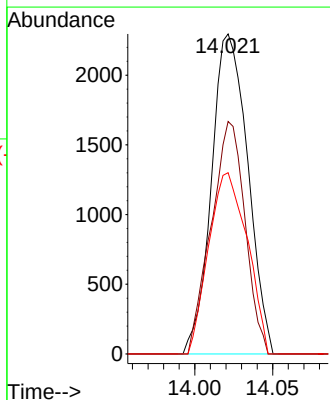
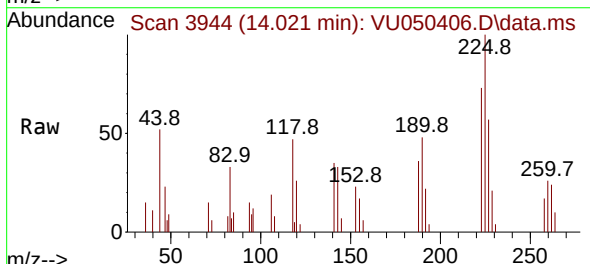
Manual Integrations
APPROVED

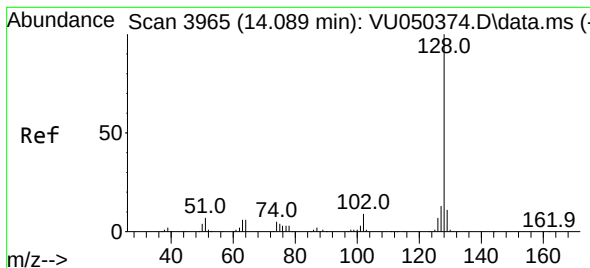
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#88
Hexachlorobutadiene
Concen: 0.499 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU050406.D
Acq: 22 Aug 2022 19:24

Tgt Ion:225 Resp: 3713
Ion Ratio Lower Upper
225 100
223 67.7 50.6 76.0
227 60.2 50.7 76.1





#89

Naphthalene

Concen: 0.425 ug/l

RT: 14.092 min Scan# 3966

Delta R.T. 0.003 min

Lab File: VU050406.D

Acq: 22 Aug 2022 19:24

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT3-2022

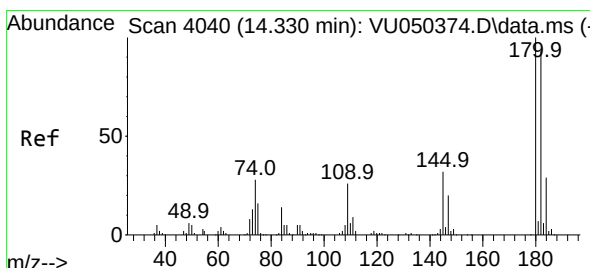
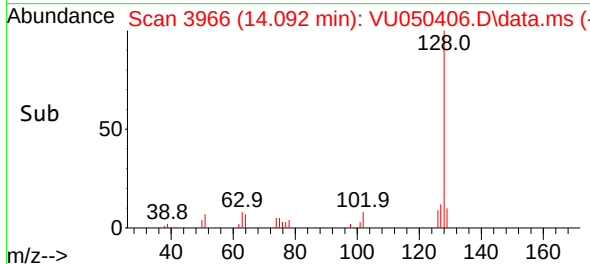
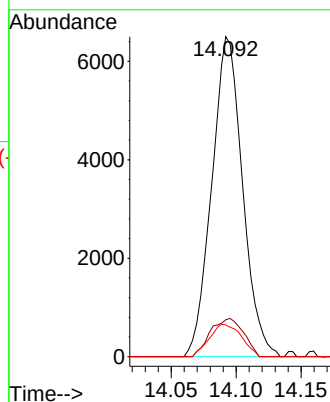
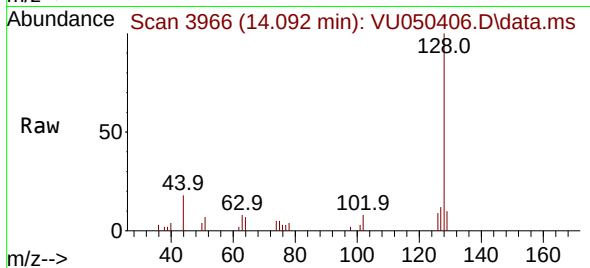
Tgt Ion:	128	Resp:	1070
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.1	15.1
129	10.5	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/27/2022

Supervised By :Mahesh Dadoda 09/12/2022



#90

1,2,3-Trichlorobenzene

Concen: 0.461 ug/l

RT: 14.333 min Scan# 4041

Delta R.T. 0.003 min

Lab File: VU050406.D

Acq: 22 Aug 2022 19:24

Tgt Ion:	180	Resp:	5553
Ion Ratio	Lower	Upper	
180	100		
182	96.0	76.6	114.8
145	29.2	27.3	40.9

