

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082222\
 Data File : VU050404.D
 Acq On : 22 Aug 2022 18:29
 Operator : SY/MD
 Sample : N3980-07 0.25ppb
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Aug 23 09:09:40 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	6.125	96	32545	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.642	95	8394	0.758	ug/l	0.00
Spiked Amount 1.000			Recovery	=	76.000%	
68) 1,2-Dichlorobenzene-d4	12.198	152	10512	0.803	ug/l	0.00
Spiked Amount 1.000			Recovery	=	80.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	3695	0.274	ug/l	91
3) Chloromethane	1.520	50	6378	0.389	ug/l	98
4) Vinyl Chloride	1.604	62	4360	0.311	ug/l	96
5) Bromomethane	1.855	94	1020	0.178	ug/l	90
6) Chloroethane	1.935	64	3006	0.355	ug/l	96
7) Trichlorofluoromethane	2.141	101	5039	0.288	ug/l	95
8) 1,1,2-Trichloro-1,2,2-...	2.597	101	2821	0.289	ug/l #	92
9) 1,1-Dichloroethene	2.594	96	3001	0.313	ug/l	89
10) Iodomethane	2.745	142	657	0.083	ug/l	90
11) Allyl Chloride	2.951	41	4913	0.333	ug/l	98
12) Acrylonitrile	3.363	53	1408	0.490	ug/l #	90
13) Acetone	2.658	43	3388	1.685	ug/l	99
14) Carbon Disulfide	2.816	76	9457	0.319	ug/l	99
15) Methylene Chloride	3.076	84	6240	0.481	ug/l	95
16) trans-1,2-Dichloroethene	3.385	96	3125	0.315	ug/l	89
17) 1,1-Dichloroethane	3.890	63	7073	0.343	ug/l	98
18) 2-Butanone	4.761	43	5822m	1.841	ug/l	
19) Cyclohexane	5.375	56	4591	0.307	ug/l #	94
20) Methylcyclohexane	6.800	83	2287	0.194	ug/l	93
21) 2,2-Dichloropropane	4.678	77	4847	0.309	ug/l #	75
22) cis-1,2-Dichloroethene	4.681	96	3698	0.330	ug/l	95
23) Diethyl Ether	2.385	59	2607	0.317	ug/l #	88
24) tert-Butyl Alcohol	3.231	59	2927m	3.361	ug/l	
25) Methyl tert-Butyl Ether	3.411	73	7943	0.312	ug/l #	84
26) Bromochloromethane	4.983	128	1383	0.308	ug/l	84
27) Chloroform	5.099	83	7006	0.350	ug/l	100
28) 1,1,1-Trichloroethane	5.311	97	5510	0.323	ug/l	91
29) 1,1-Dichloropropene	5.517	75	4399	0.322	ug/l	89
30) Carbon Tetrachloride	5.510	117	4132	0.303	ug/l	94
31) Isopropyl Ether	4.041	45	12648	0.395	ug/l	89
32) Ethyl-t-butyl ether	4.539	59	7382	0.294	ug/l	96
33) Tert-Amyl methyl ether	5.967	73	4128	0.252	ug/l #	92
34) Propionitrile	4.832	54	1436m	1.537	ug/l	
35) Benzene	5.771	78	12657	0.315	ug/l	92
36) 1,2-Dichloroethane	5.806	62	3845	0.313	ug/l #	82
37) Trichloroethene	6.584	130	2547	0.264	ug/l	92
38) 1,2-Dichloropropane	6.835	63	2891	0.268	ug/l	99
39) Methacrylonitrile	5.002	41	1738m	0.453	ug/l	
40) Methyl acrylate	4.877	55	2429	0.416	ug/l #	71
41) Tetrahydrofuran	5.102	42	1814m	0.945	ug/l	
42) 1-Chlorobutane	5.453	56	6237	0.320	ug/l	88
43) Dibromomethane	6.961	93	1753	0.302	ug/l	94
44) Bromodichloromethane	7.147	83	4178	0.305	ug/l #	98

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

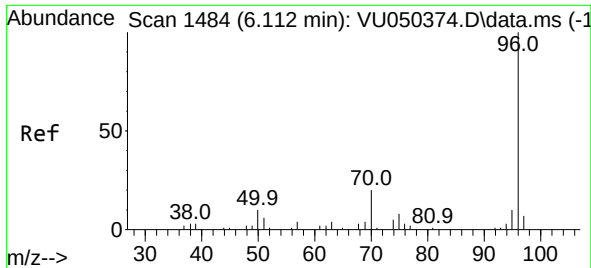
Quant Time: Aug 23 09:09:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.835	43	6746	1.156	ug/l	93
46) t-1,4-Dichloro-2-butene	10.832	75	1597m	0.542	ug/l	
47) Methyl methacrylate	7.015	69	1911	0.439	ug/l #	88
48) Ethyl methacrylate	8.366	69	1594	0.201	ug/l	97
49) Toluene	7.993	92	5035	0.233	ug/l	98
50) t-1,3-Dichloropropene	8.237	75	2502	0.234	ug/l	97
51) cis-1,3-Dichloropropene	7.642	75	2999	0.245	ug/l #	92
52) 1,1,2-Trichloroethane	8.427	97	2709	0.317	ug/l #	75
53) 1,3-Dichloropropane	8.600	76	3509	0.261	ug/l	93
54) 2-Hexanone	8.716	43	4336	1.067	ug/l	86
55) Dibromochloromethane	8.825	129	2703	0.288	ug/l	91
56) 1,2-Dibromoethane	8.948	107	1985	0.259	ug/l	95
58) Tetrachloroethene	8.568	164	2441	0.269	ug/l	94
59) Chlorobenzene	9.462	112	5834	0.250	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.549	131	2832	0.289	ug/l	97
61) Pentachloroethane	11.430	117	2255	0.277	ug/l	94
62) Hexachloroethane	12.481	117	1844	0.272	ug/l	94
63) Ethyl Benzene	9.581	91	7726	0.208	ug/l	95
64) m/p-Xylenes	9.703	106	5202	0.360	ug/l	93
65) o-Xylene	10.112	106	2898	0.210	ug/l	93
66) Styrene	10.128	104	4143	0.177	ug/l	97
67) Bromoform	10.301	173	1499	0.281	ug/l #	97
69) Isopropylbenzene	10.494	105	7082	0.198	ug/l	96
70) 1,1,2,2-Tetrachloroethane	10.790	83	3300	0.281	ug/l #	98
71) 1,2,3-Trichloropropane	10.829	75	2481m	0.281	ug/l	
72) Bromobenzene	10.793	156	2144	0.213	ug/l	94
73) n-propylbenzene	10.909	120	2380	0.244	ug/l	89
74) 2-Chlorotoluene	10.993	126	1688	0.178	ug/l	70
75) 1,3,5-Trimethylbenzene	11.092	105	5349	0.169	ug/l	96
76) 4-Chlorotoluene	11.108	126	1632	0.168	ug/l	90
77) tert-Butylbenzene	11.427	119	6210	0.199	ug/l	96
78) 1,2,4-Trimethylbenzene	11.472	105	5418	0.166	ug/l	100
79) sec-Butylbenzene	11.648	105	6870	0.168	ug/l	100
80) Nitrobenzene	13.227	77	799	1.253	ug/l #	78
81) p-Isopropyltoluene	11.796	119	5267	0.161	ug/l	98
82) 1,3-Dichlorobenzene	11.751	146	4381	0.212	ug/l	96
83) 1,4-Dichlorobenzene	11.841	146	4527	0.220	ug/l	91
84) n-Butylbenzene	12.214	91	5116	0.166	ug/l	97
85) 1,2-Dichlorobenzene	12.214	146	4575	0.225	ug/l	94
86) 1,2-Dibromo-3-Chloropr...	13.002	75	474	0.255	ug/l #	77
87) 1,2,4-Trichlorobenzene	13.848	180	2680	0.231	ug/l #	93
88) Hexachlorobutadiene	14.025	225	1771	0.234	ug/l	87
89) Naphthalene	14.092	128	5783	0.226	ug/l #	96
90) 1,2,3-Trichlorobenzene	14.333	180	2853	0.233	ug/l	96

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



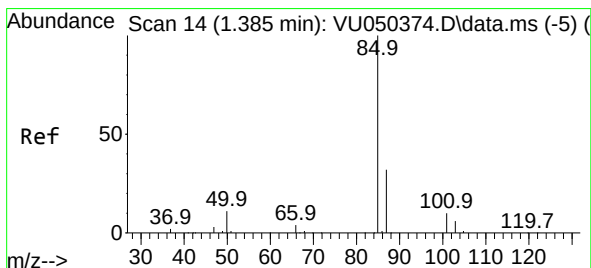
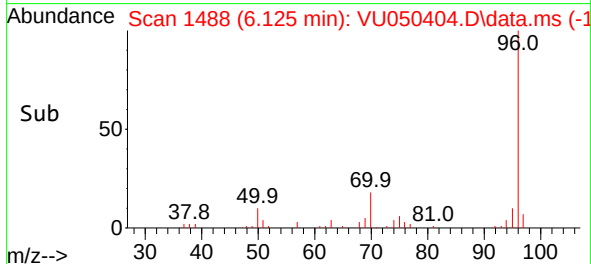
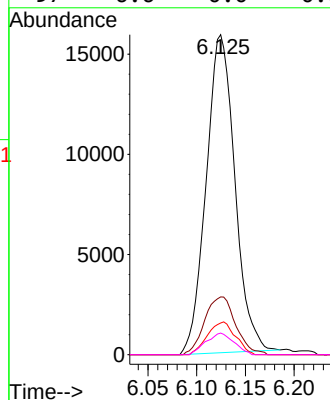
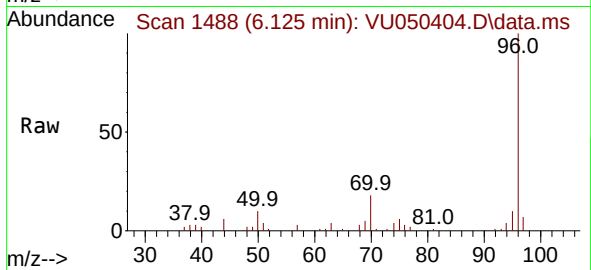
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Fluorobenzene
Concen: 1.000 ug/l
RT: 6.125 min Scan# 14
Delta R.T. 0.010 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

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

Tgt Ion: 96 Resp: 3254
Ion Ratio Lower Upper
96 100
70 19.6 16.7 25.1
95 10.1 7.4 11.0
97 6.6 0.0 0.0#

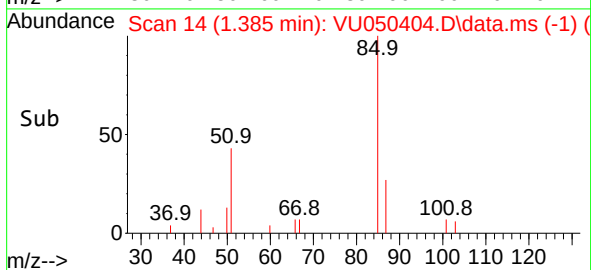
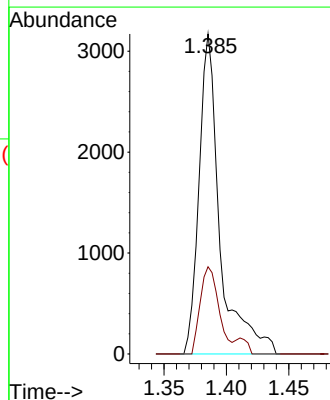
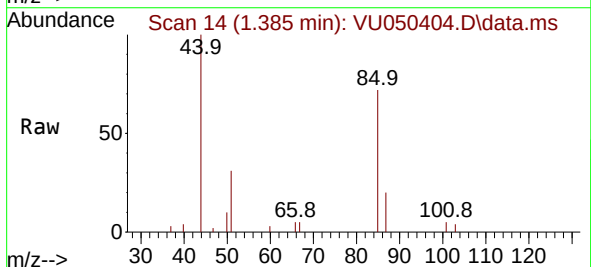
Manual Integrations
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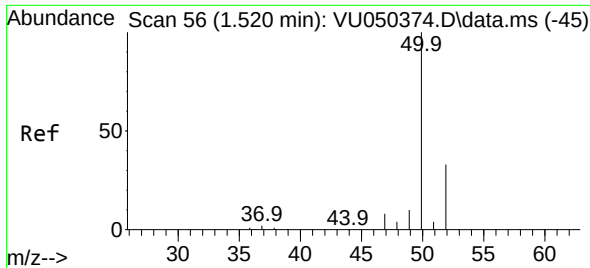
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#2
Dichlorodifluoromethane
Concen: 0.274 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

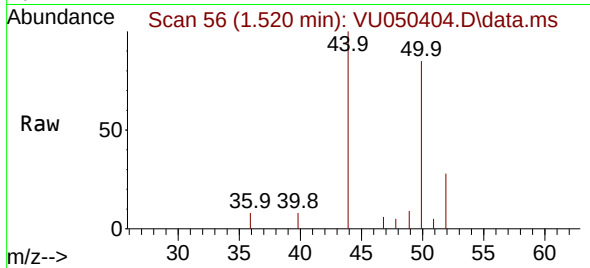
Tgt Ion: 85 Resp: 3695
Ion Ratio Lower Upper
85 100
87 27.2 16.3 48.8





#3
Chloromethane
Concen: 0.389 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

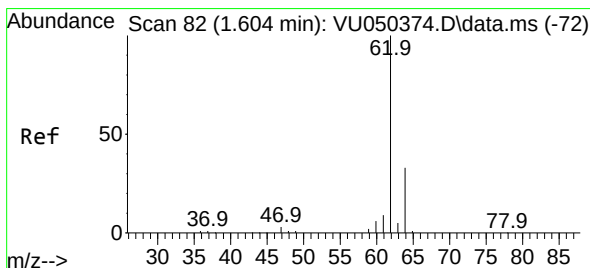
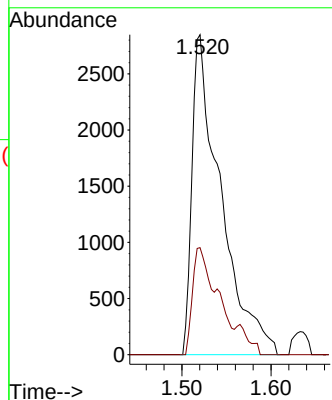
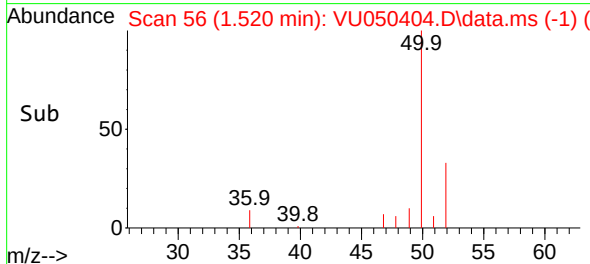
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 50 Resp: 6378
Ion Ratio Lower Upper
50 100
52 33.5 26.1 39.1

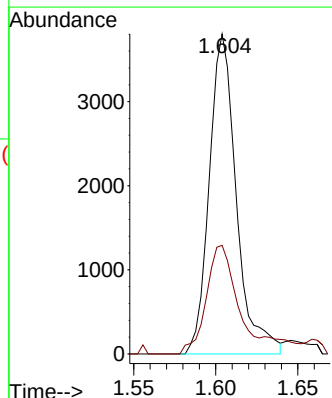
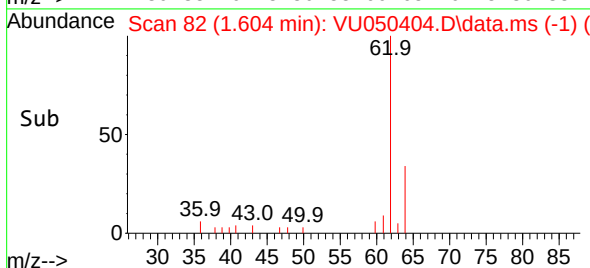
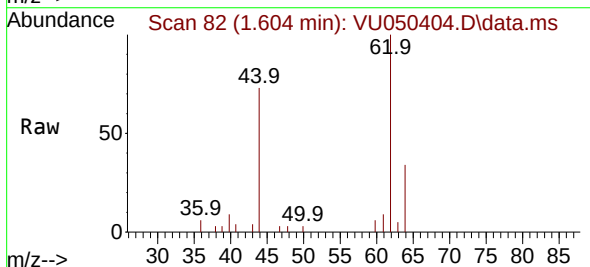
Manual Integrations
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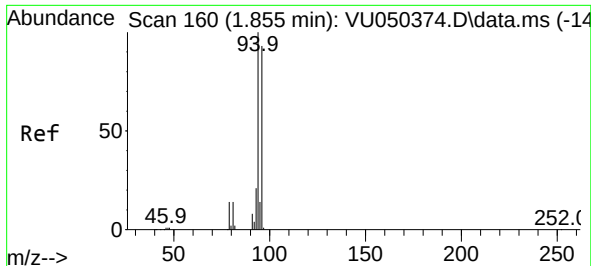
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#4
Vinyl Chloride
Concen: 0.311 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

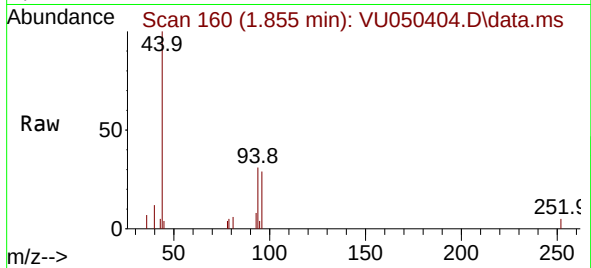
Tgt Ion: 62 Resp: 4360
Ion Ratio Lower Upper
62 100
64 34.0 25.5 38.3





#5
Bromomethane
Concen: 0.178 ug/l
RT: 1.855 min Scan# 1020
Delta R.T. 0.003 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

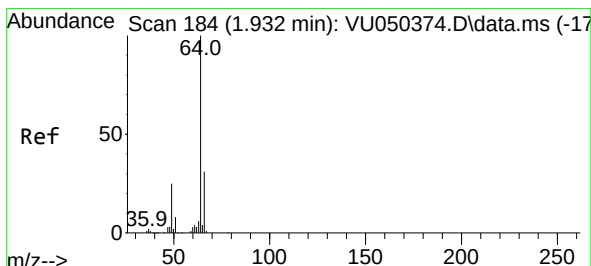
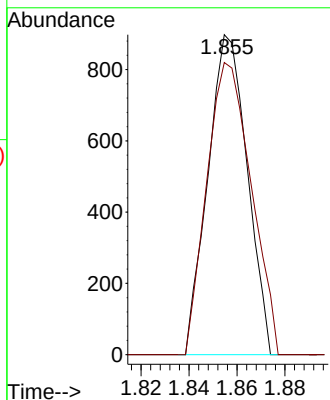
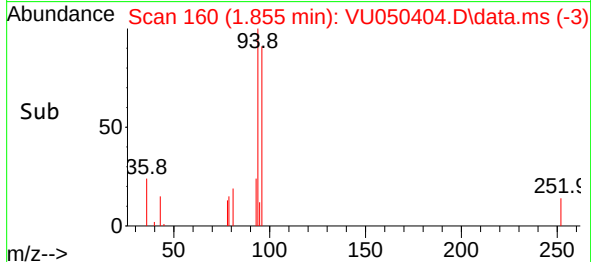
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



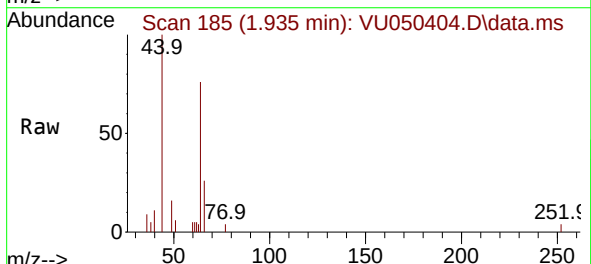
Tgt Ion: 94 Resp: 1020
Ion Ratio Lower Upper
94 100
96 81.5 73.0 109.6

Manual Integrations
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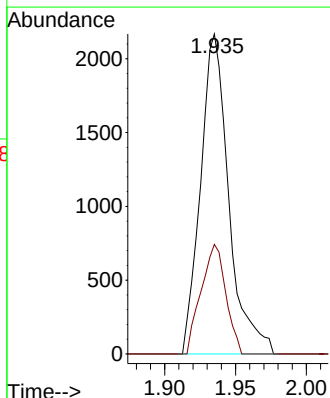
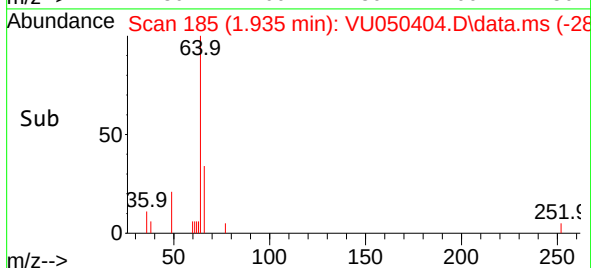
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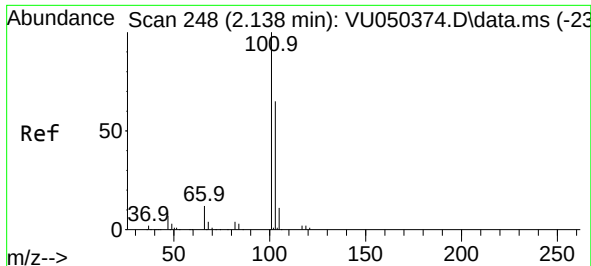


#6
Chloroethane
Concen: 0.355 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.003 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29



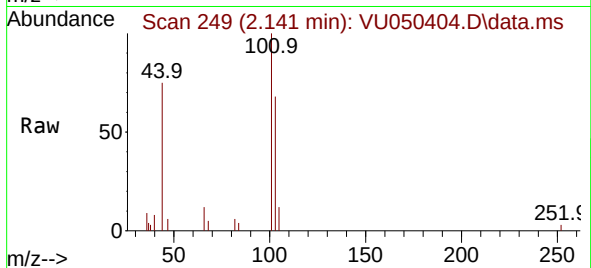
Tgt Ion: 64 Resp: 3006
Ion Ratio Lower Upper
64 100
66 34.3 25.8 38.6





#7
 Trichlorofluoromethane
 Concen: 0.288 ug/l
 RT: 2.141 min Scan# 248
 Delta R.T. 0.003 min
 Lab File: VU050404.D
 Acq: 22 Aug 2022 18:29

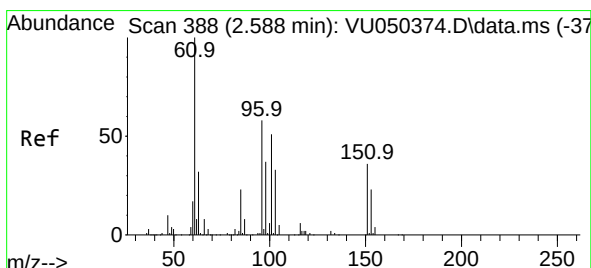
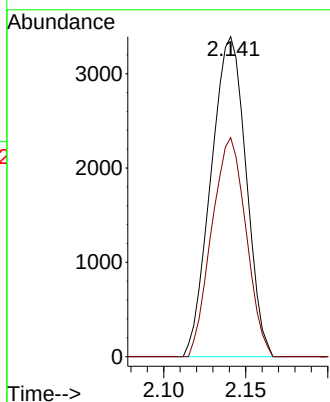
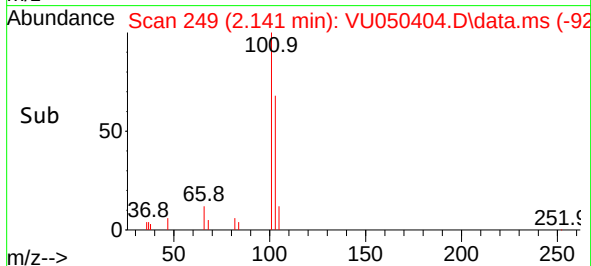
Instrument :
 MSVOA_U
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 LOD-MDL-WATER-01-QT3-2022



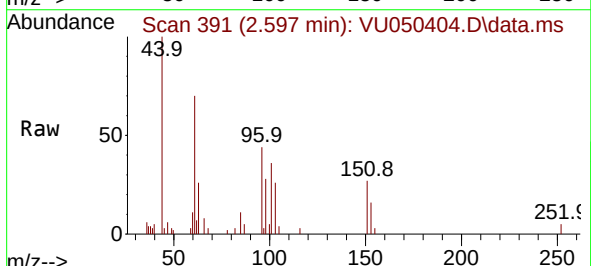
Tgt Ion:101 Resp: 5039
 Ion Ratio Lower Upper
 101 100
 103 68.4 51.8 77.6

Manual Integrations
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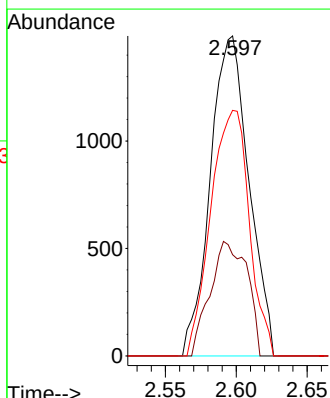
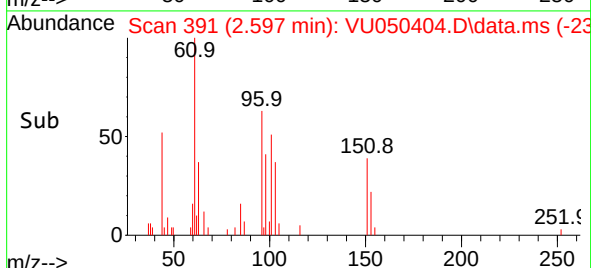
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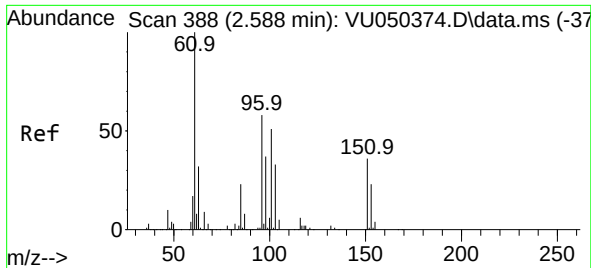


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.289 ug/l
 RT: 2.597 min Scan# 391
 Delta R.T. 0.016 min
 Lab File: VU050404.D
 Acq: 22 Aug 2022 18:29



Tgt Ion:101 Resp: 2821
 Ion Ratio Lower Upper
 101 100
 85 34.4 36.4 54.6#
 151 76.4 59.1 88.7





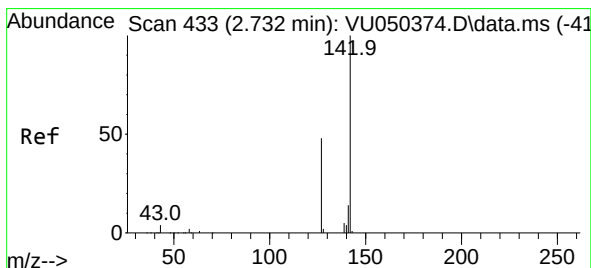
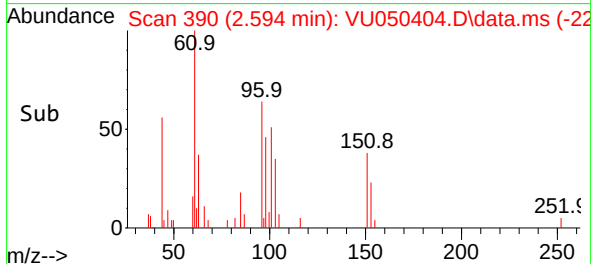
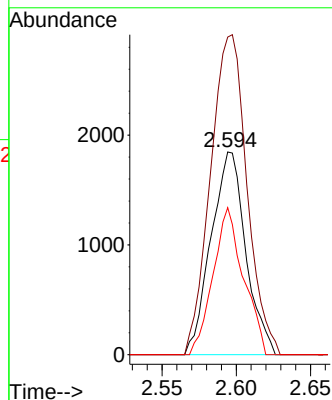
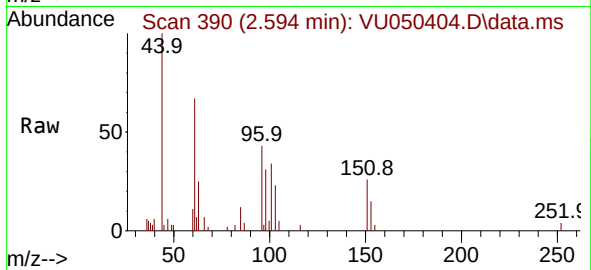
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1,1-Dichloroethene
Concen: 0.313 ug/l
RT: 2.594 min Scan# 390
Delta R.T. 0.016 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

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

Tgt Ion: 96 Resp: 300
Ion Ratio Lower Upper
96 100
61 156.6 0.0 510.6
98 72.6 0.0 124.6

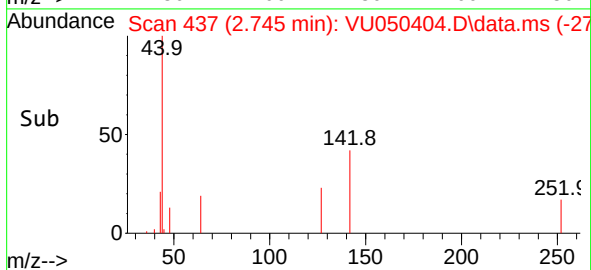
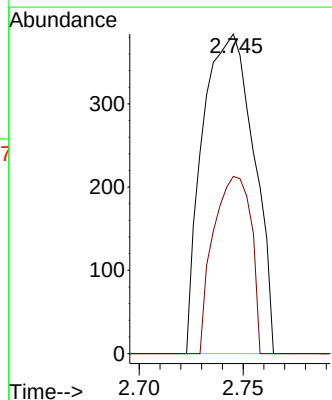
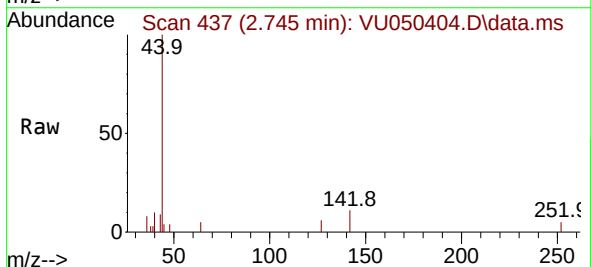
Manual Integrations
APPROVED

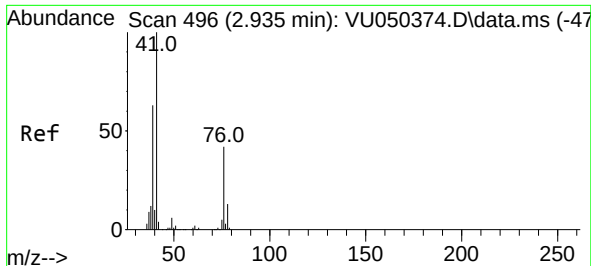
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#10
Iodomethane
Concen: 0.083 ug/l
RT: 2.745 min Scan# 437
Delta R.T. 0.026 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

Tgt Ion:142 Resp: 657
Ion Ratio Lower Upper
142 100
127 40.8 38.2 57.2





#11

Allyl Chloride

Concen: 0.333 ug/l

RT: 2.951 min Scan# 501

Delta R.T. 0.029 min

Lab File: VU050404.D

Acq: 22 Aug 2022 18:29

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 41 Resp: 491

Ion Ratio Lower Upper

41 100

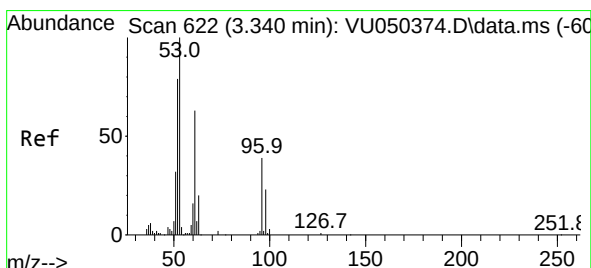
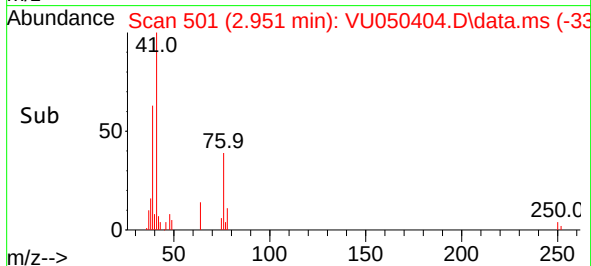
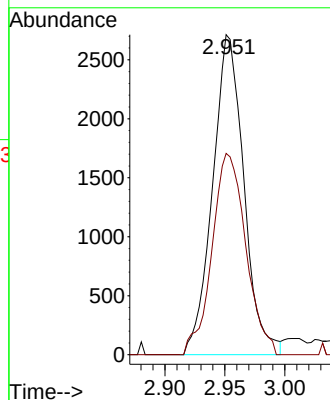
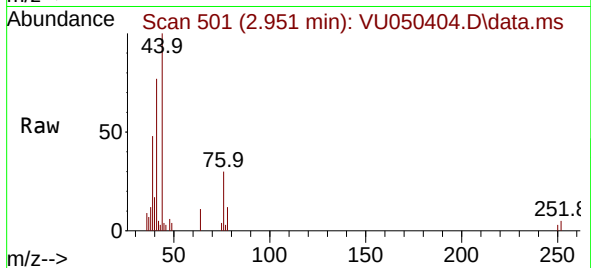
39 68.0 53.2 79.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/27/2022

Supervised By :Mahesh Dadoda 09/12/2022



#12

Acrylonitrile

Concen: 0.490 ug/l

RT: 3.363 min Scan# 629

Delta R.T. 0.045 min

Lab File: VU050404.D

Acq: 22 Aug 2022 18:29

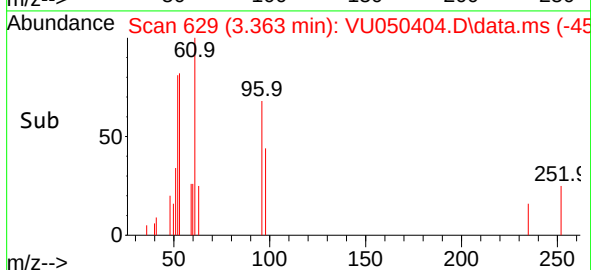
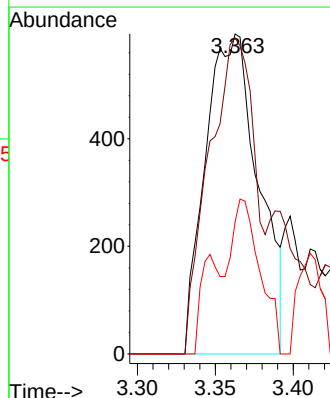
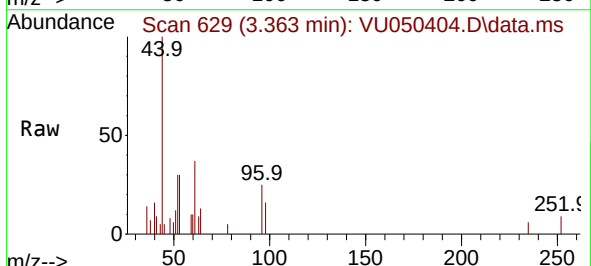
Tgt Ion: 53 Resp: 1408

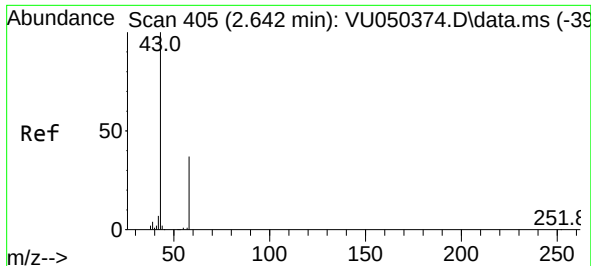
Ion Ratio Lower Upper

53 100

52 85.4 64.6 97.0

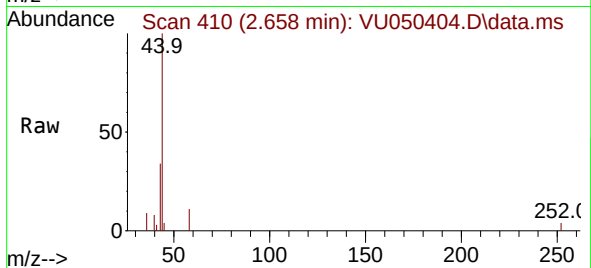
51 26.1 30.7 46.1#





#13
Acetone
Concen: 1.685 ug/l
RT: 2.658 min Scan# 411
Delta R.T. 0.032 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

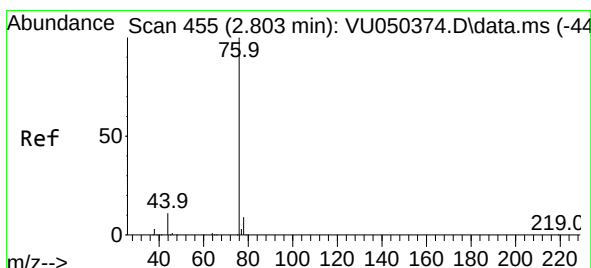
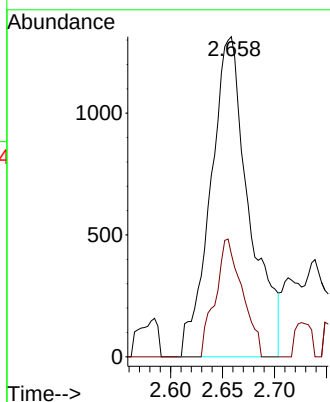
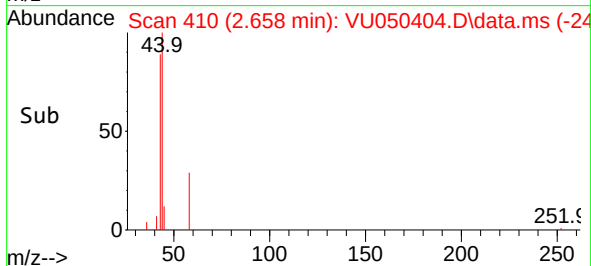
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 43 Resp: 338
Ion Ratio Lower Upper
43 100
58 32.1 26.2 39.2

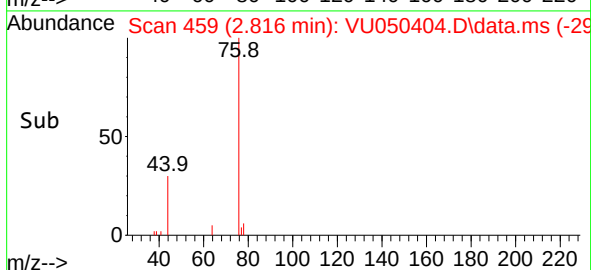
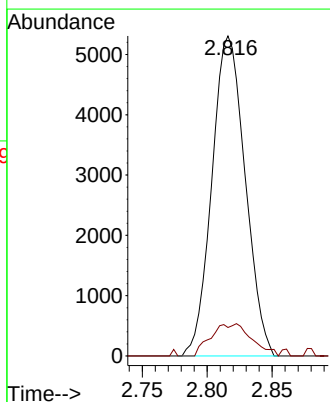
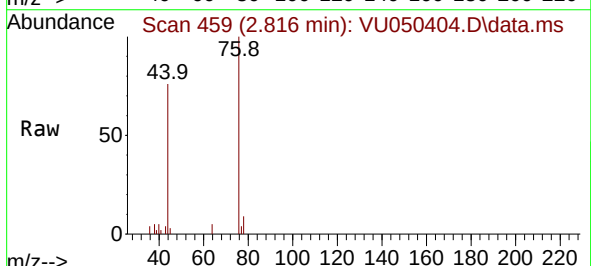
Manual Integrations
APPROVED

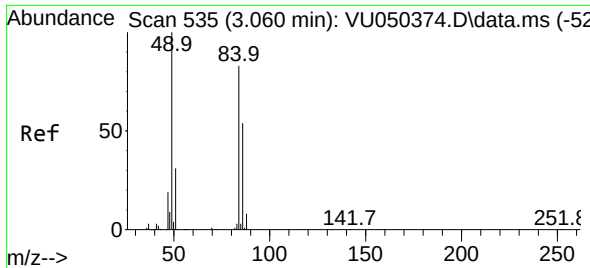
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#14
Carbon Disulfide
Concen: 0.319 ug/l
RT: 2.816 min Scan# 459
Delta R.T. 0.026 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

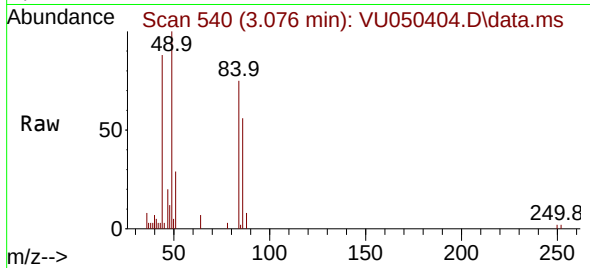
Tgt Ion: 76 Resp: 9457
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0





#15
Methylene Chloride
Concen: 0.481 ug/l
RT: 3.076 min Scan# 540
Delta R.T. 0.032 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

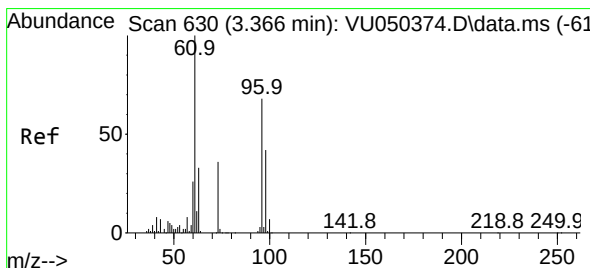
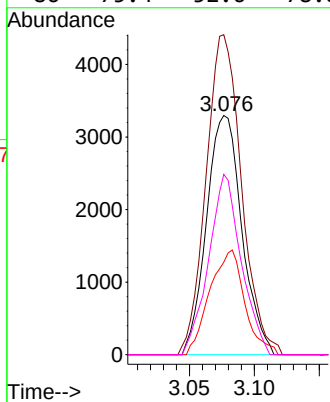
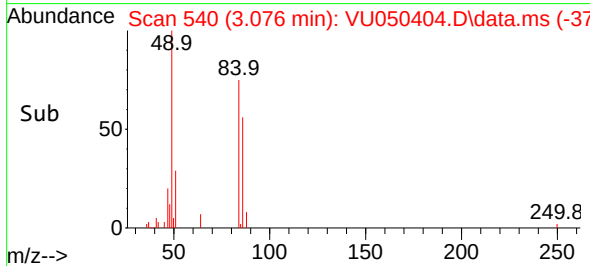
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion:	84	Resp:	6240
Ion	Ratio	Lower	Upper
84	100		
49	133.8	104.6	157.0
51	38.7	0.0	81.4
86	75.4	52.6	78.8

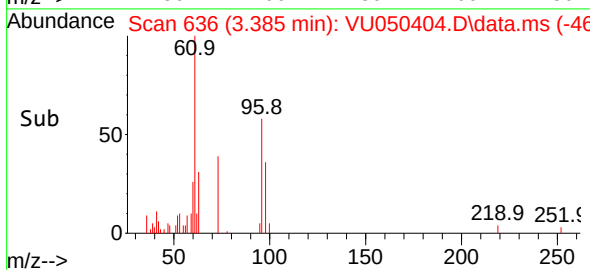
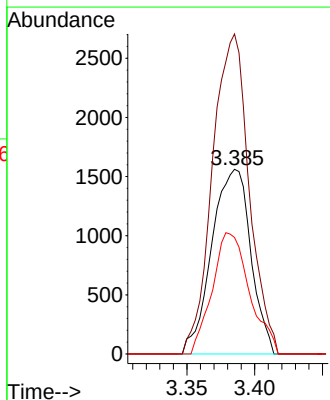
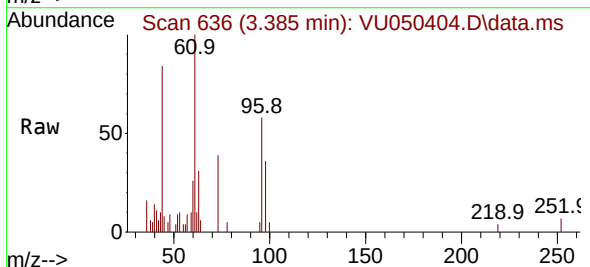
Manual Integrations
APPROVED

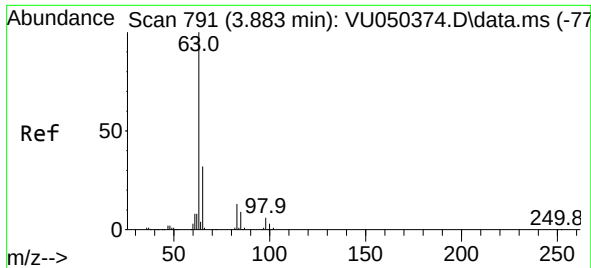
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#16
trans-1,2-Dichloroethene
Concen: 0.315 ug/l
RT: 3.385 min Scan# 636
Delta R.T. 0.036 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

Tgt Ion:	96	Resp:	3125
Ion	Ratio	Lower	Upper
96	100		
61	173.4	123.4	185.0
98	63.1	51.6	77.4





#17

1,1-Dichloroethane

Concen: 0.343 ug/l

RT: 3.890 min Scan# 791

Delta R.T. 0.026 min

Lab File: VU050404.D

Acq: 22 Aug 2022 18:29

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

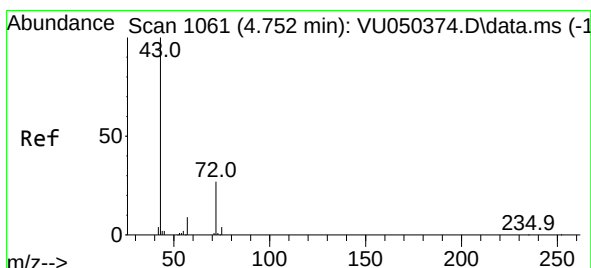
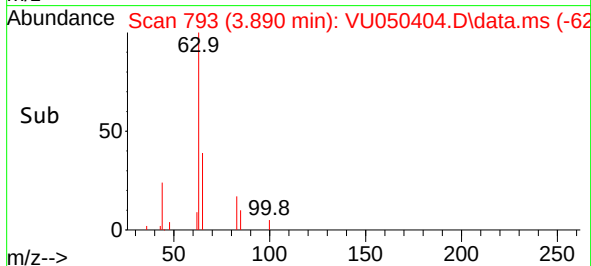
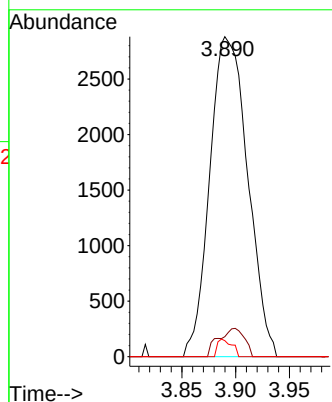
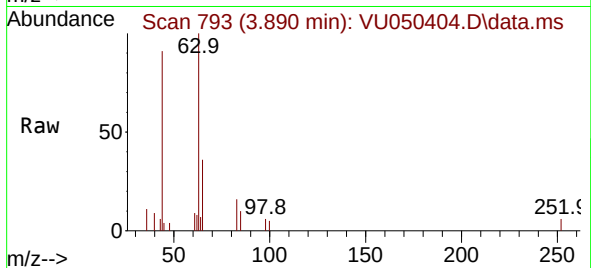
Tgt Ion: 63	Resp: 707
Ion Ratio	Lower Upper
63 100	
98 6.2	3.4 10.2
100 5.0	2.0 6.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/27/2022

Supervised By :Mahesh Dadoda 09/12/2022



#18

2-Butanone

Concen: 1.841 ug/l m

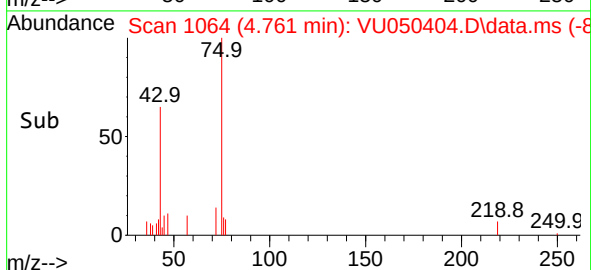
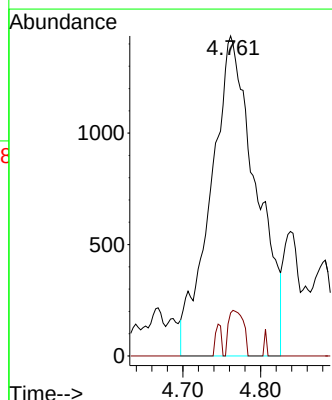
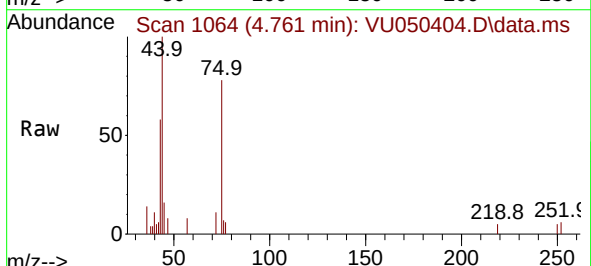
RT: 4.761 min Scan# 1064

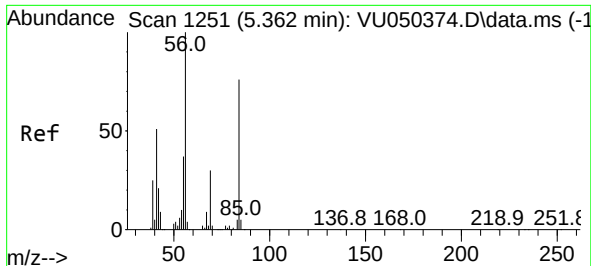
Delta R.T. 0.042 min

Lab File: VU050404.D

Acq: 22 Aug 2022 18:29

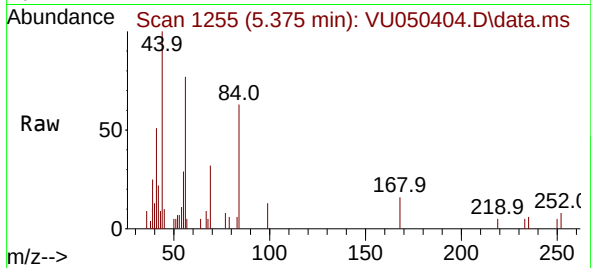
Tgt Ion: 43	Resp: 5822
Ion Ratio	Lower Upper
43 100	
57 13.4	0.0 18.0





#19
Cyclohexane
Concen: 0.307 ug/l
RT: 5.375 min Scan# 1251
Delta R.T. -0.009 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

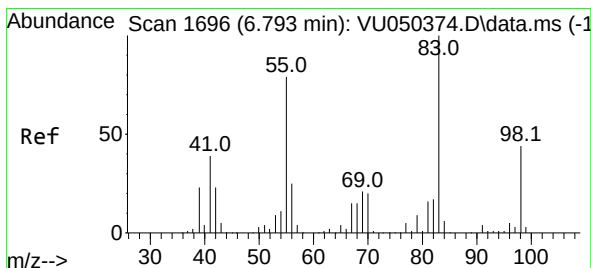
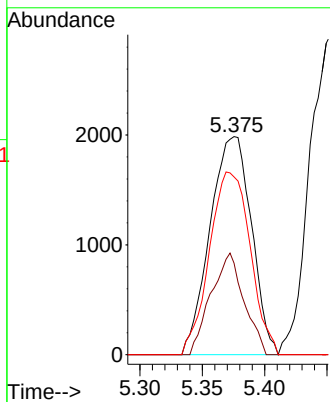
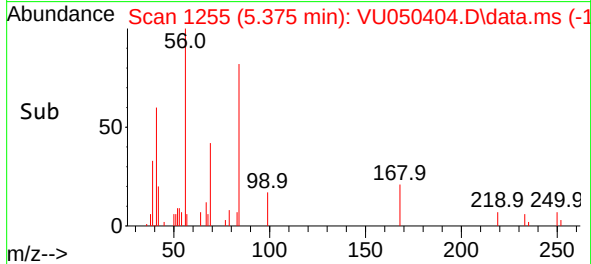
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 56 Resp: 459
Ion Ratio Lower Upper
56 100
69 37.2 24.2 36.4
84 82.6 63.4 95.2

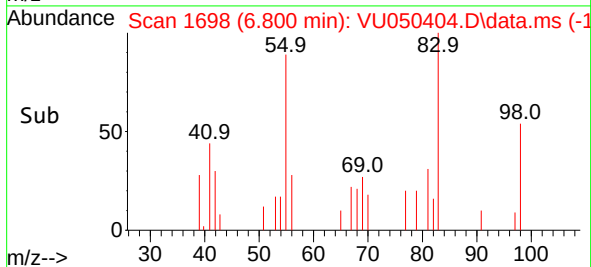
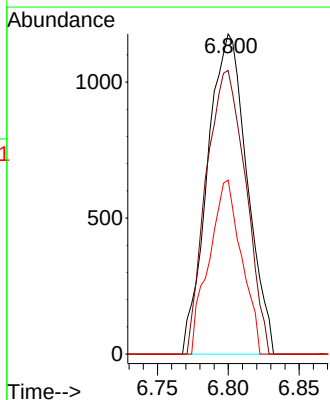
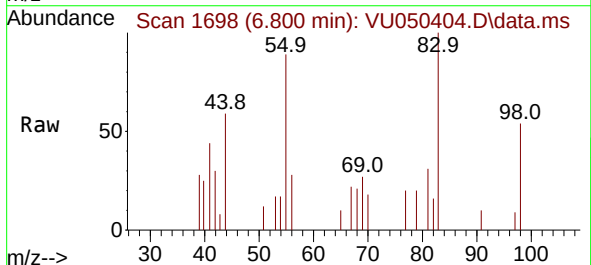
Manual Integrations
APPROVED

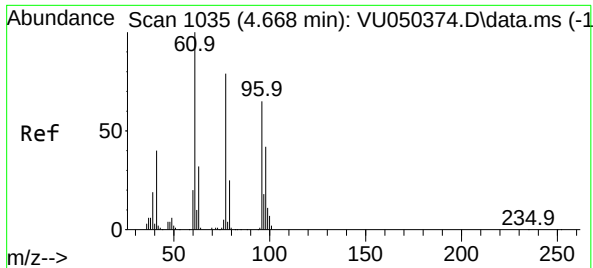
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#20
Methylcyclohexane
Concen: 0.194 ug/l
RT: 6.800 min Scan# 1698
Delta R.T. 0.039 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

Tgt Ion: 83 Resp: 2287
Ion Ratio Lower Upper
83 100
55 87.9 63.0 94.4
98 44.5 35.7 53.5





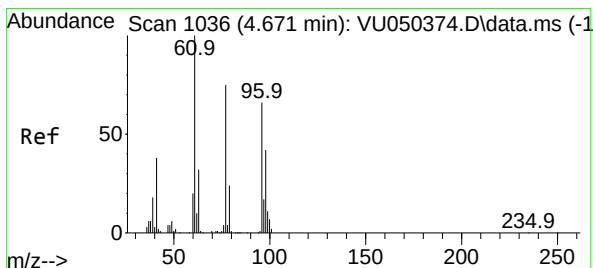
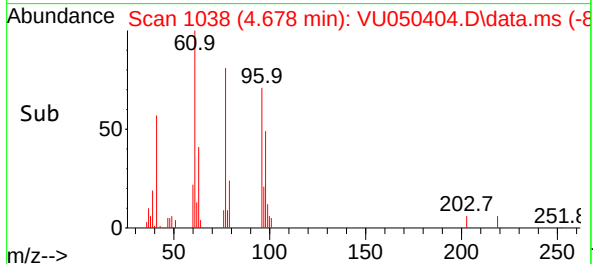
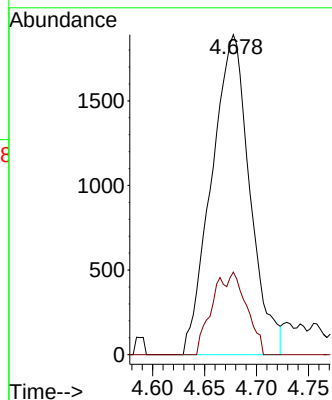
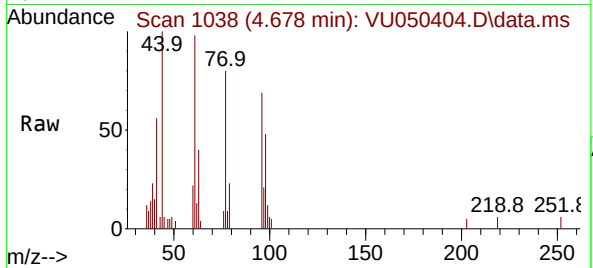
#21
2,2-Dichloropropane
Concen: 0.309 ug/l
RT: 4.678 min Scan# 1038
Delta R.T. 0.013 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

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

Tgt Ion: 77 Resp: 484
Ion Ratio Lower Upper
77 100
97 10.8 18.5 27.7

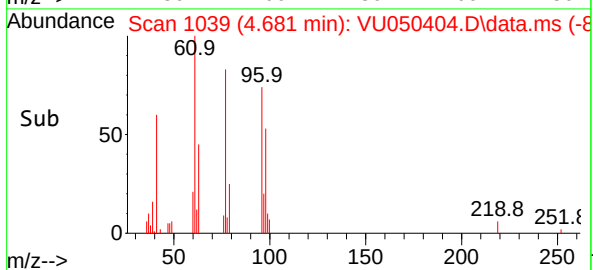
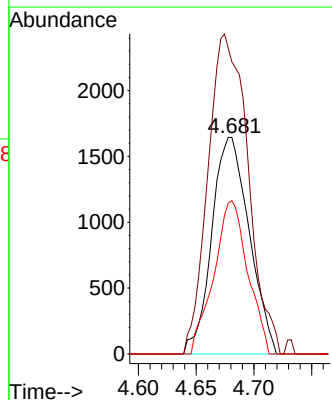
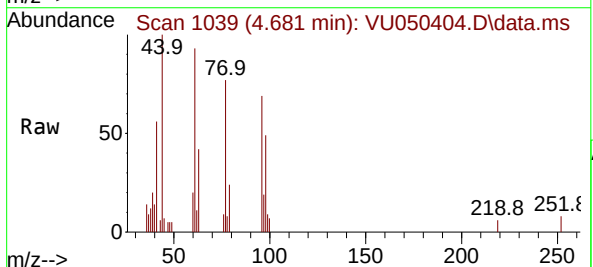
Manual Integrations
APPROVED

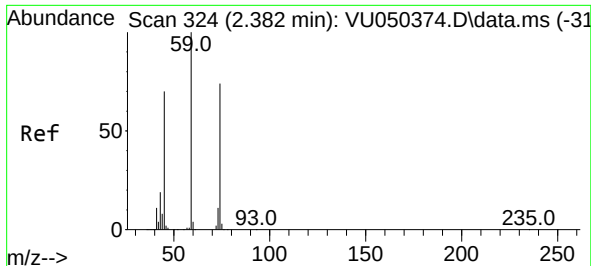
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#22
cis-1,2-Dichloroethene
Concen: 0.330 ug/l
RT: 4.681 min Scan# 1039
Delta R.T. 0.016 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

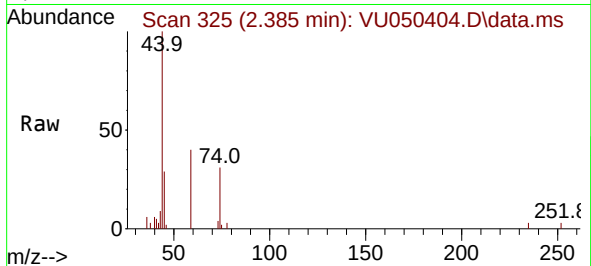
Tgt Ion: 96 Resp: 3698
Ion Ratio Lower Upper
96 100
61 158.0 0.0 375.8
98 64.2 31.6 95.0





#23
Diethyl Ether
Concen: 0.317 ug/l
RT: 2.385 min Scan# 31
Delta R.T. 0.007 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

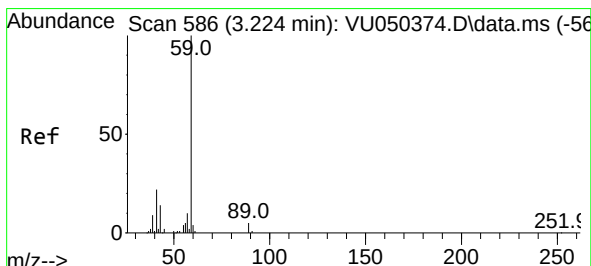
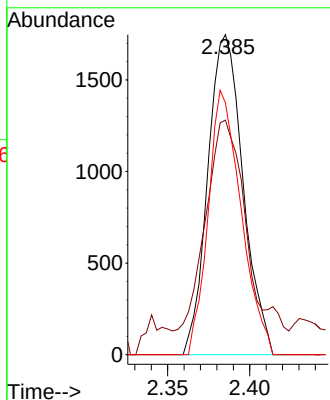
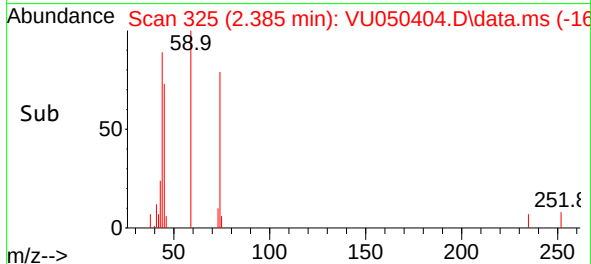
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 59 Resp: 260
Ion Ratio Lower Upper
59 100
45 85.1 56.0 84.0
74 77.2 57.6 86.4

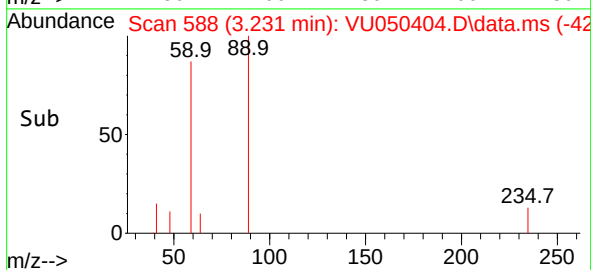
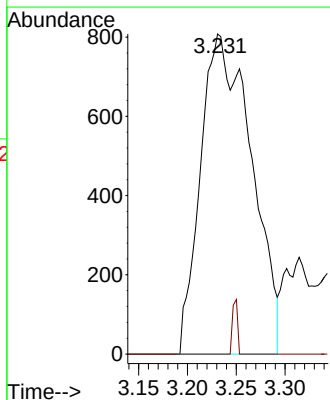
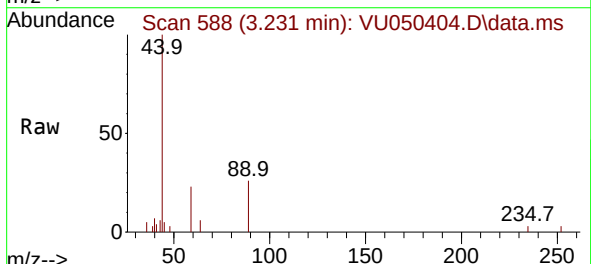
Manual Integrations
APPROVED

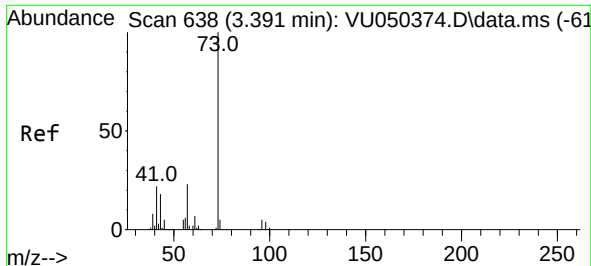
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#24
tert-Butyl Alcohol
Concen: 3.361 ug/l m
RT: 3.231 min Scan# 588
Delta R.T. 0.036 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

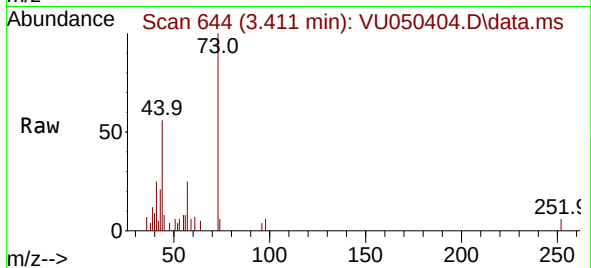
Tgt Ion: 59 Resp: 2927
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#25
Methyl tert-Butyl Ether
Concen: 0.312 ug/l
RT: 3.411 min Scan# 644
Delta R.T. 0.042 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

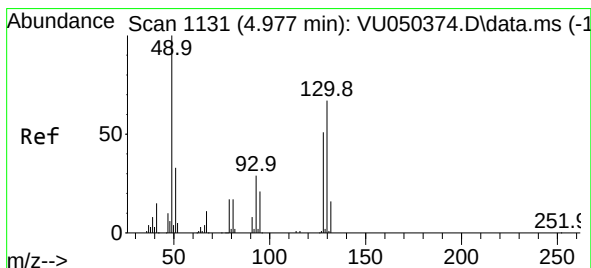
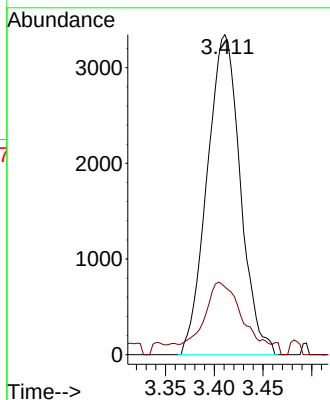
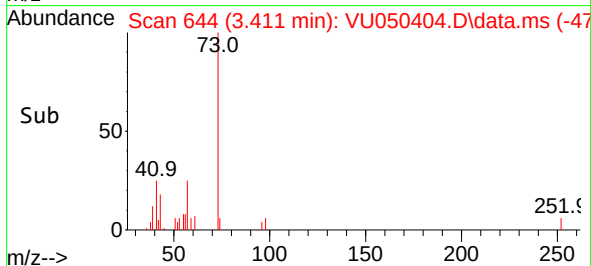
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 73 Resp: 794
Ion Ratio Lower Upper
73 100
43 27.2 15.9 23.9

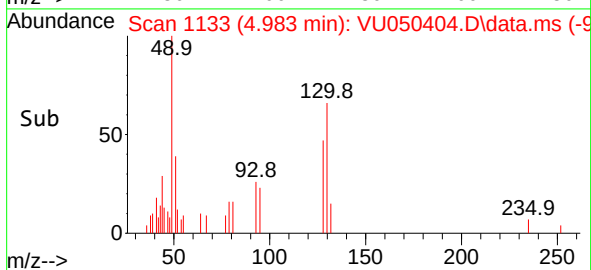
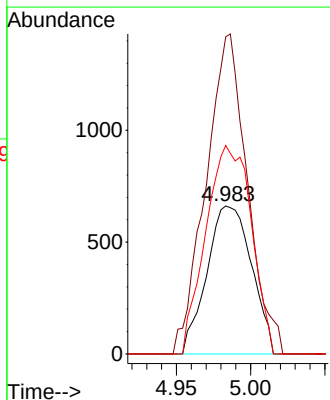
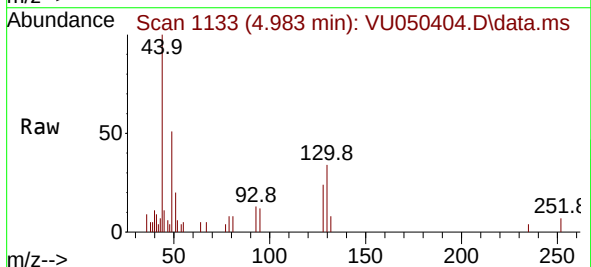
Manual Integrations
APPROVED

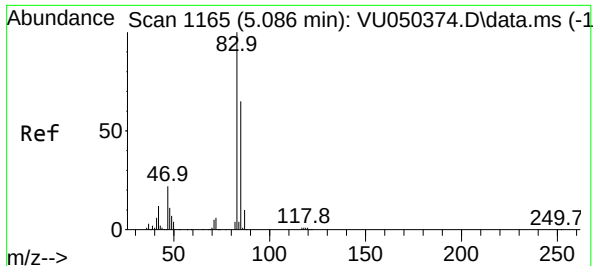
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#26
Bromochloromethane
Concen: 0.308 ug/l
RT: 4.983 min Scan# 1133
Delta R.T. 0.010 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

Tgt Ion:128 Resp: 1383
Ion Ratio Lower Upper
128 100
49 200.5 0.0 349.2
130 143.9 103.0 154.6





#27

Chloroform

Concen: 0.350 ug/l

RT: 5.099 min Scan# 1169

Delta R.T. 0.010 min

Lab File: VU050404.D

Acq: 22 Aug 2022 18:29

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 83 Resp: 7000

Ion Ratio Lower Upper

83 100

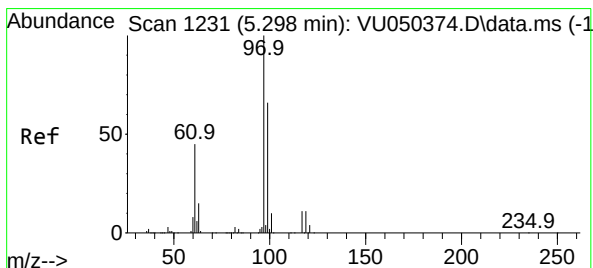
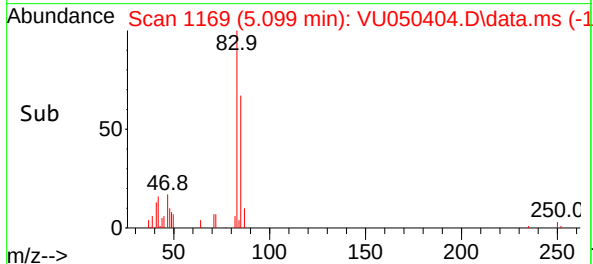
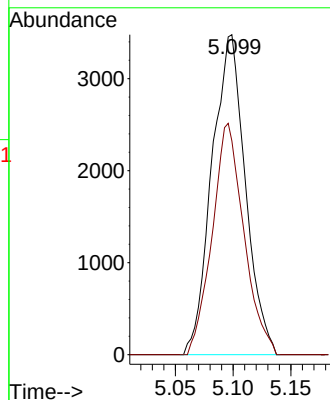
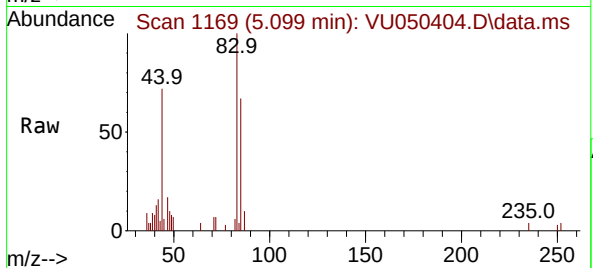
85 66.8 0.0 133.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/27/2022

Supervised By :Mahesh Dadoda 09/12/2022



#28

1,1,1-Trichloroethane

Concen: 0.323 ug/l

RT: 5.311 min Scan# 1235

Delta R.T. -0.003 min

Lab File: VU050404.D

Acq: 22 Aug 2022 18:29

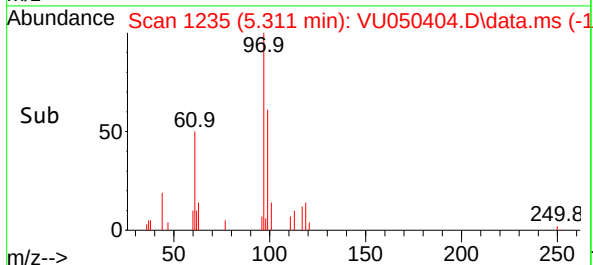
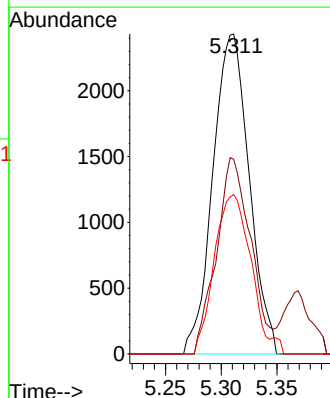
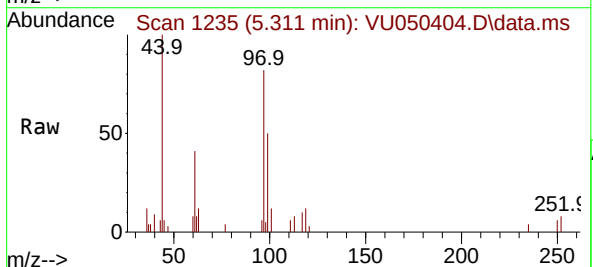
Tgt Ion: 97 Resp: 5510

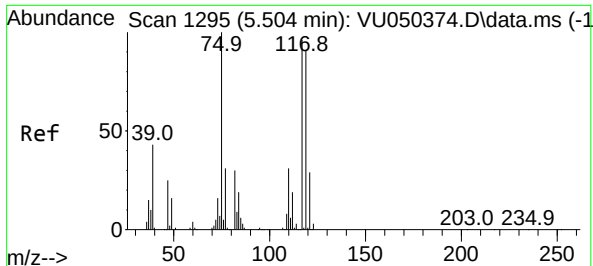
Ion Ratio Lower Upper

97 100

99 58.1 32.1 96.5

61 50.5 21.8 65.4





#29

1,1-Dichloropropene

Concen: 0.322 ug/l

RT: 5.517 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VU050404.D

Acq: 22 Aug 2022 18:29

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

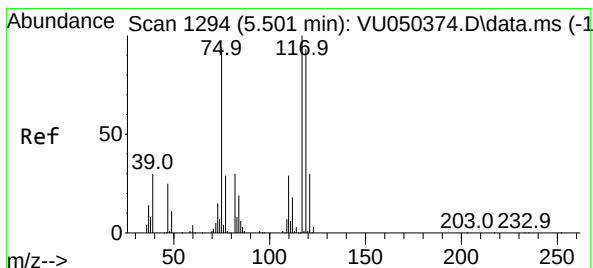
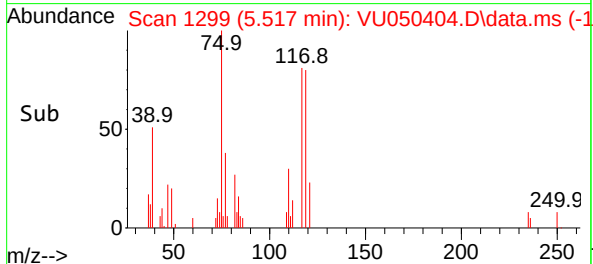
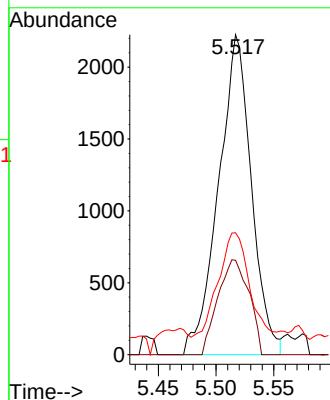
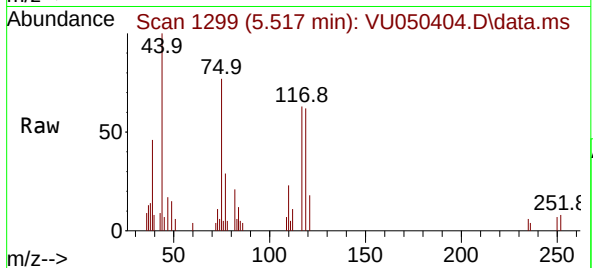
Tgt Ion: 75	Resp: 439
Ion Ratio	Lower Upper
75 100	
110 28.0	17.3 52.0
77 36.4	24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/27/2022

Supervised By :Mahesh Dadoda 09/12/2022



#30

Carbon Tetrachloride

Concen: 0.303 ug/l

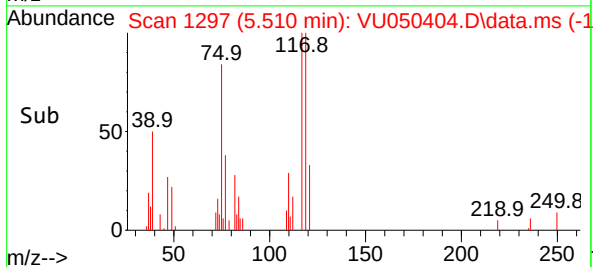
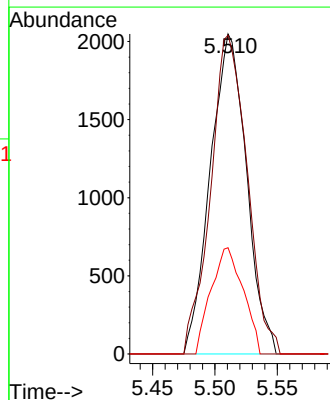
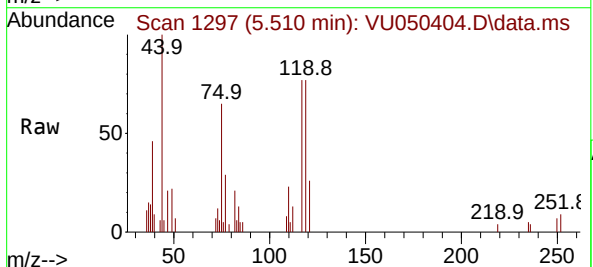
RT: 5.510 min Scan# 1297

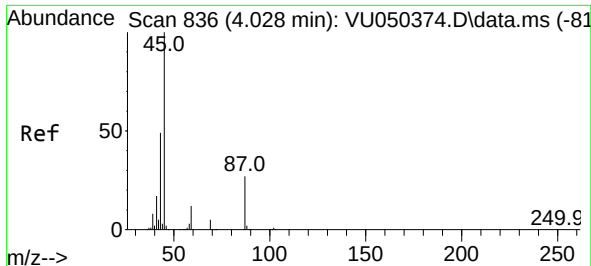
Delta R.T. -0.009 min

Lab File: VU050404.D

Acq: 22 Aug 2022 18:29

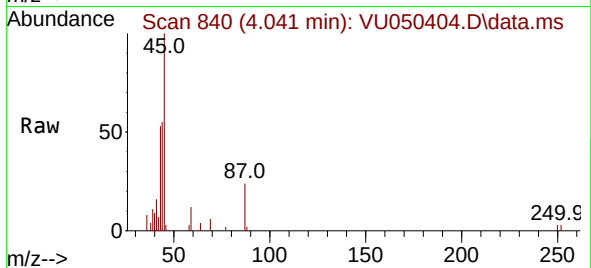
Tgt Ion: 117	Resp: 4132
Ion Ratio	Lower Upper
117 100	
119 99.6	74.6 112.0
121 33.2	24.2 36.4





#31
Isopropyl Ether
Concen: 0.395 ug/l
RT: 4.041 min Scan# 840
Delta R.T. 0.039 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

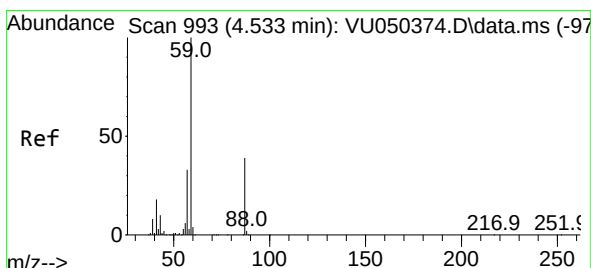
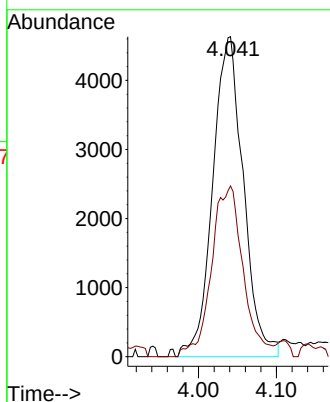
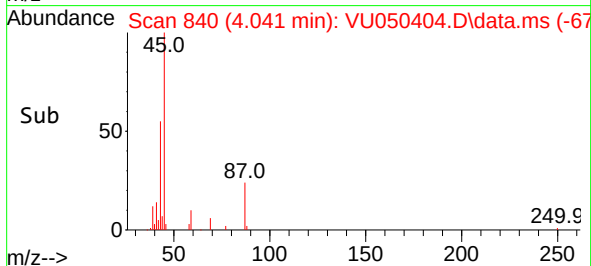
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



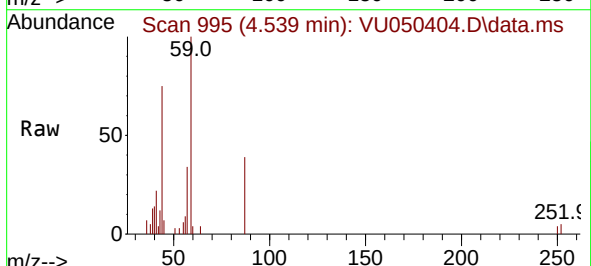
Tgt Ion: 45 Resp: 12648
Ion Ratio Lower Upper
45 100
43 54.8 23.8 71.2

Manual Integrations
APPROVED

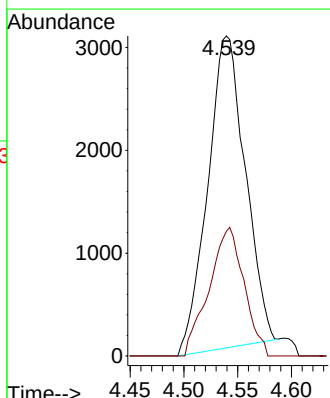
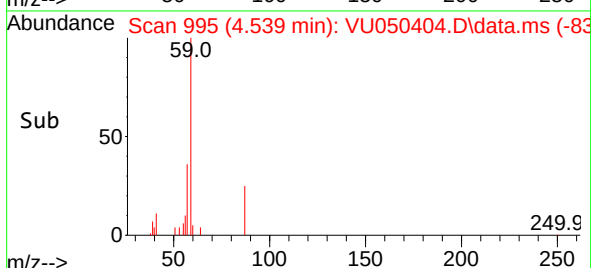
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022

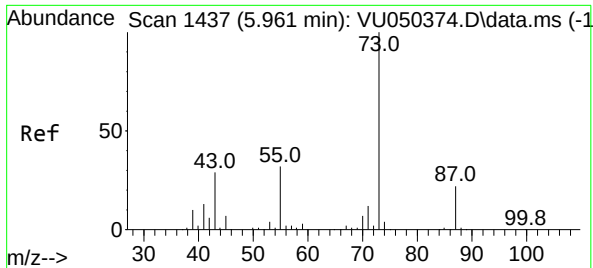


#32
Ethyl-t-butyl ether
Concen: 0.294 ug/l
RT: 4.539 min Scan# 995
Delta R.T. 0.026 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29



Tgt Ion: 59 Resp: 7382
Ion Ratio Lower Upper
59 100
87 38.3 32.5 48.7





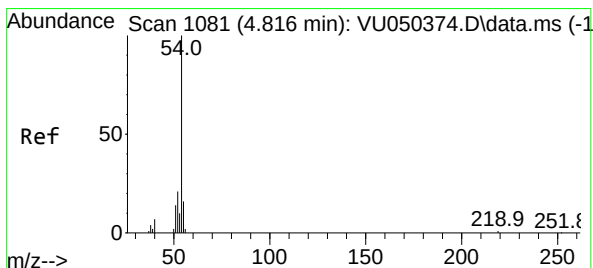
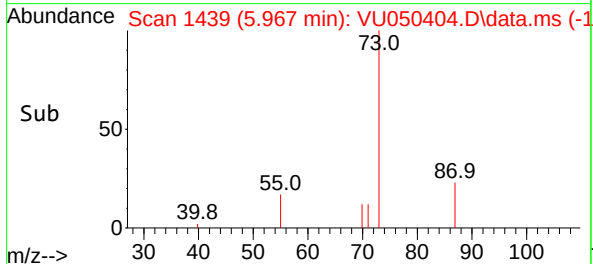
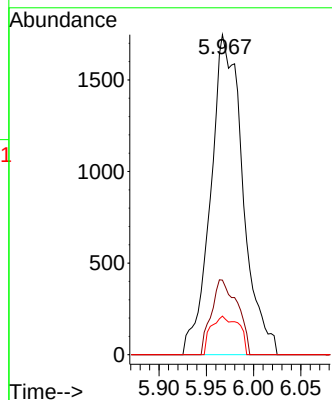
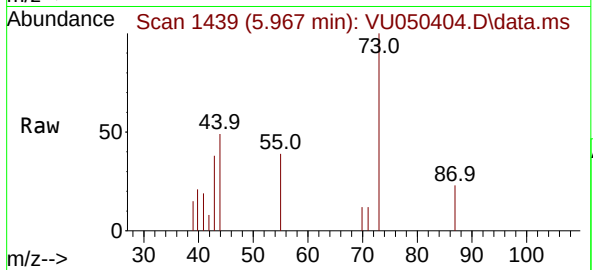
#33
Tert-Amyl methyl ether
Concen: 0.252 ug/l
RT: 5.967 min Scan# 1437
Delta R.T. 0.019 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

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

Tgt Ion: 73 Resp: 4128
Ion Ratio Lower Upper
73 100
87 19.0 19.7 29.5
71 10.3 9.0 13.4

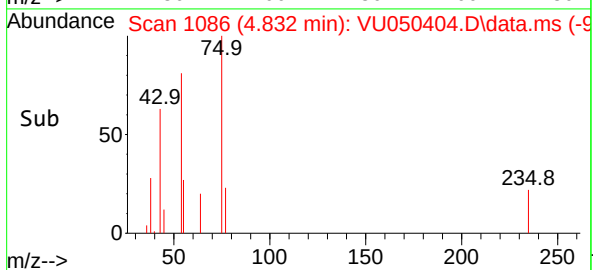
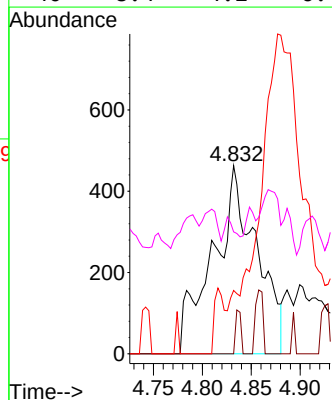
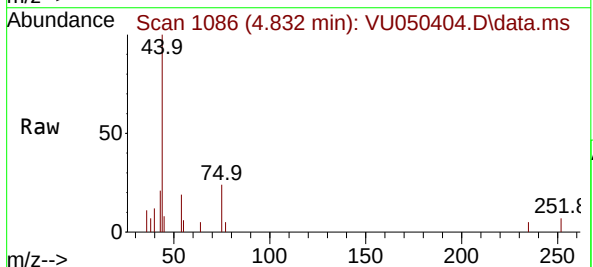
Manual Integrations
APPROVED

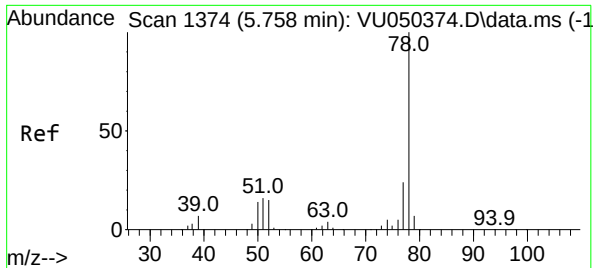
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#34
Propionitrile
Concen: 1.537 ug/l m
RT: 4.832 min Scan# 1086
Delta R.T. 0.045 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

Tgt Ion: 54 Resp: 1436
Ion Ratio Lower Upper
54 100
52 0.0 15.0 22.6#
55 0.0 12.6 19.0#
40 8.4 4.2 6.4#





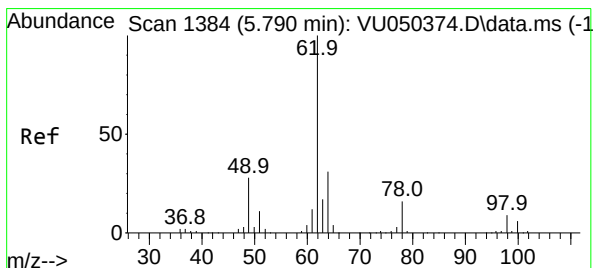
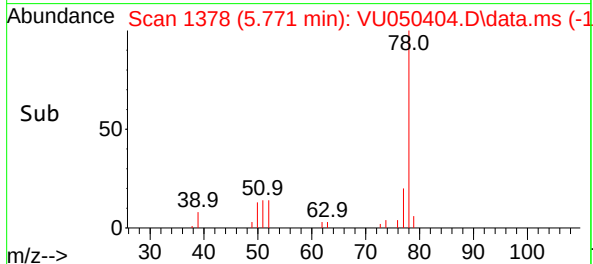
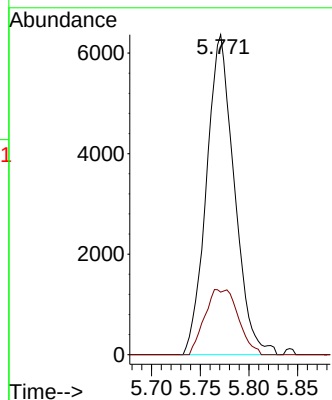
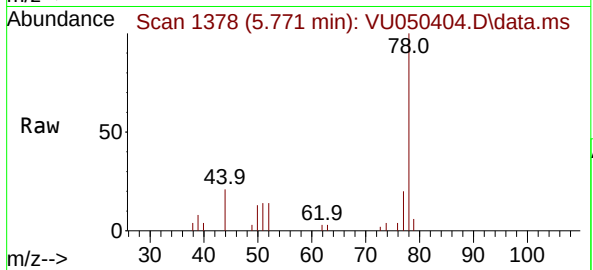
#35
Benzene
Concen: 0.315 ug/l
RT: 5.771 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

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

Tgt Ion: 78 Resp: 1265
Ion Ratio Lower Upper
78 100
77 19.5 18.6 28.0

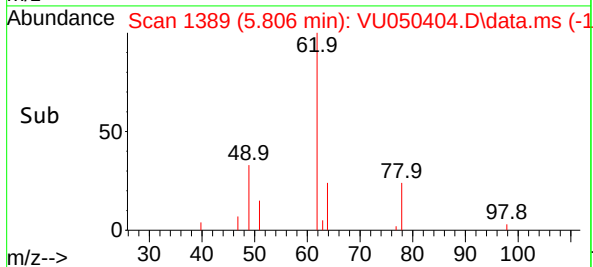
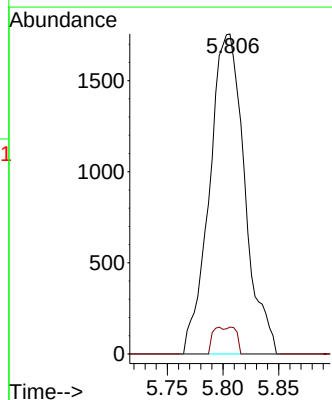
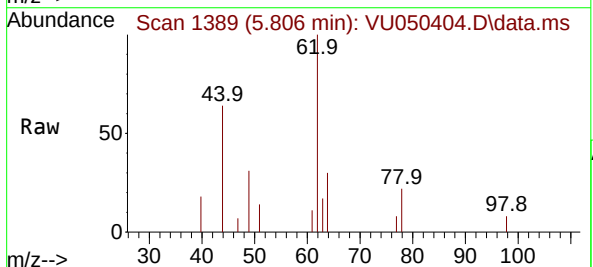
Manual Integrations
APPROVED

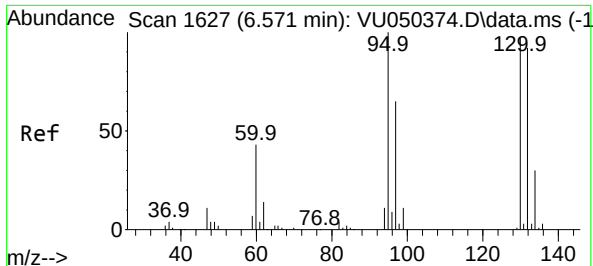
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#36
1,2-Dichloroethane
Concen: 0.313 ug/l
RT: 5.806 min Scan# 1389
Delta R.T. 0.010 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

Tgt Ion: 62 Resp: 3845
Ion Ratio Lower Upper
62 100
98 2.7 7.4 11.0#





#37

Trichloroethene

Concen: 0.264 ug/l

RT: 6.584 min Scan# 1

Delta R.T. 0.042 min

Lab File: VU050404.D

Acq: 22 Aug 2022 18:29

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

Tgt Ion:130 Resp: 254

Ion Ratio Lower Upper

130 100

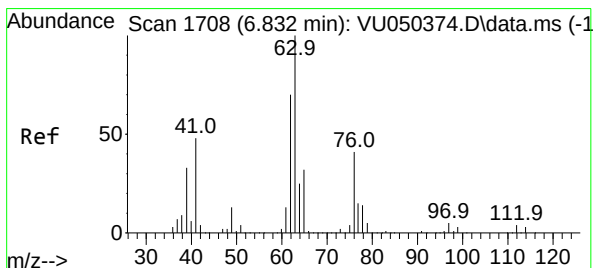
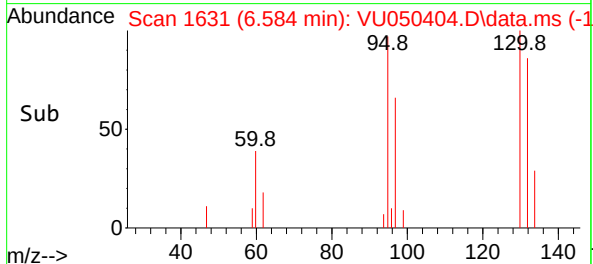
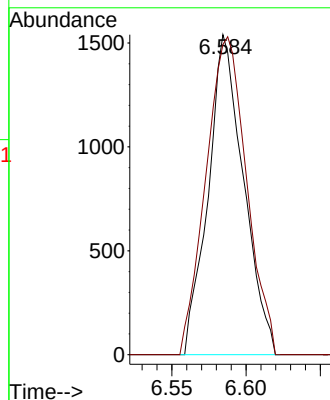
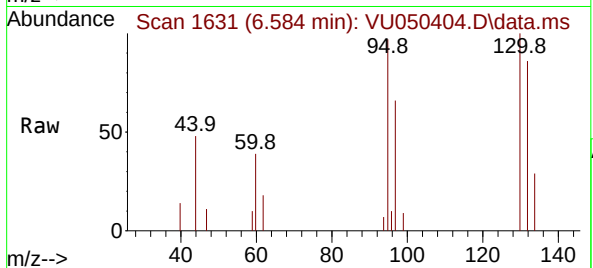
95 96.9 83.8 125.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/27/2022

Supervised By :Mahesh Dadoda 09/12/2022



#38

1,2-Dichloropropane

Concen: 0.268 ug/l

RT: 6.835 min Scan# 1709

Delta R.T. 0.042 min

Lab File: VU050404.D

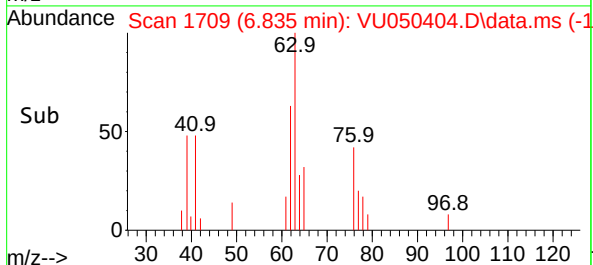
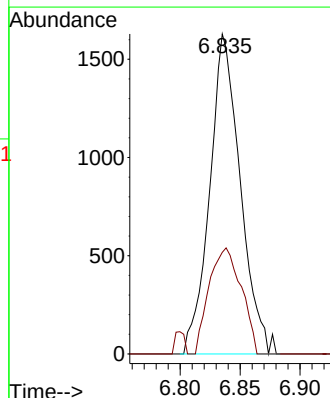
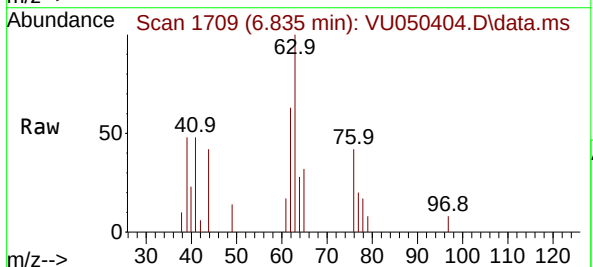
Acq: 22 Aug 2022 18:29

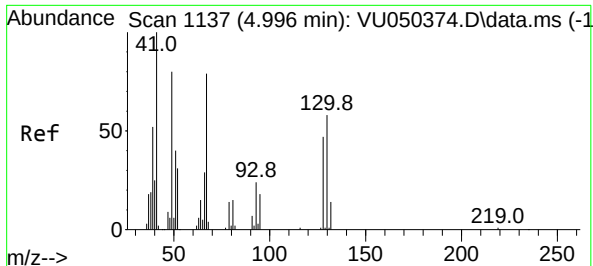
Tgt Ion: 63 Resp: 2891

Ion Ratio Lower Upper

63 100

65 31.7 25.0 37.4





#39

Methacrylonitrile

Concen: 0.453 ug/l m

RT: 5.002 min Scan# 1139

Delta R.T. 0.019 min

Lab File: VU050404.D

Acq: 22 Aug 2022 18:29

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

Tgt Ion: 41 Resp: 1738

Ion Ratio Lower Upper

41 100

67 50.6 59.4 89.0#

39 44.2 42.2 63.2

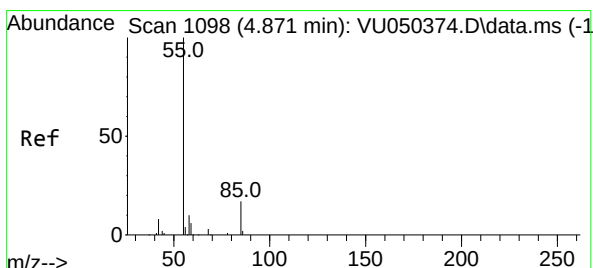
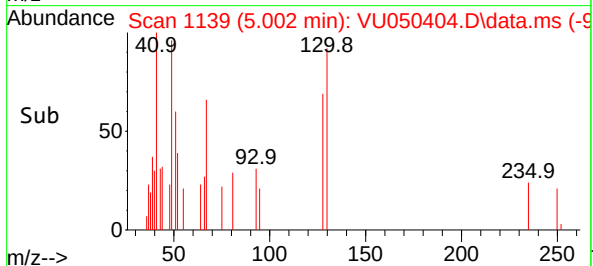
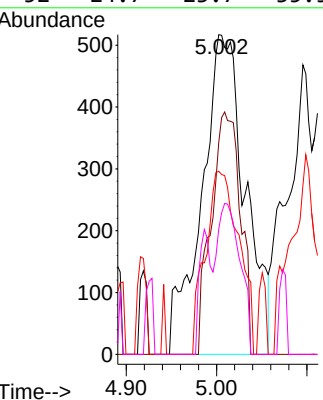
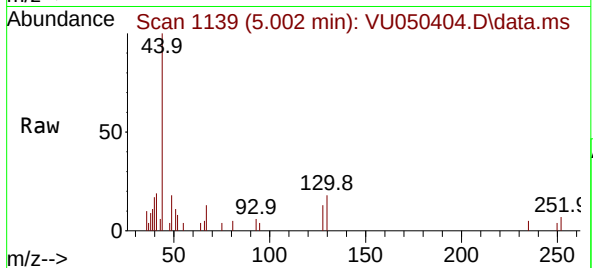
52 24.7 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/27/2022

Supervised By :Mahesh Dadoda 09/12/2022



#40

Methyl acrylate

Concen: 0.416 ug/l

RT: 4.877 min Scan# 1100

Delta R.T. 0.023 min

Lab File: VU050404.D

Acq: 22 Aug 2022 18:29

Tgt Ion: 55 Resp: 2429

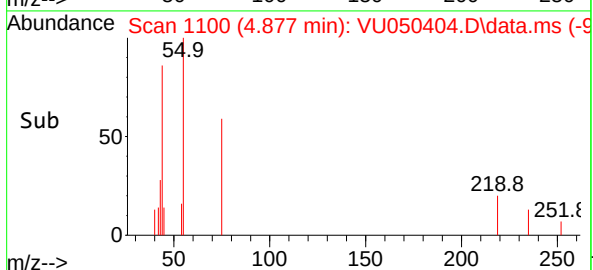
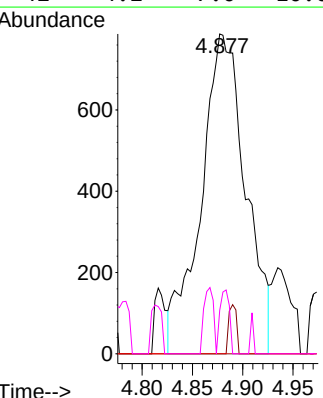
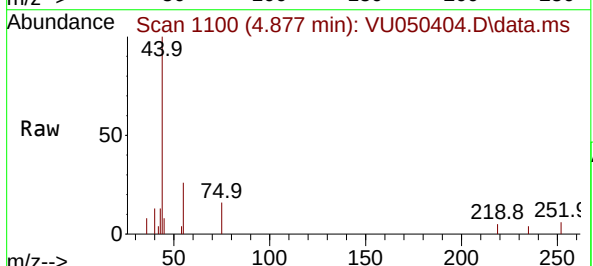
Ion Ratio Lower Upper

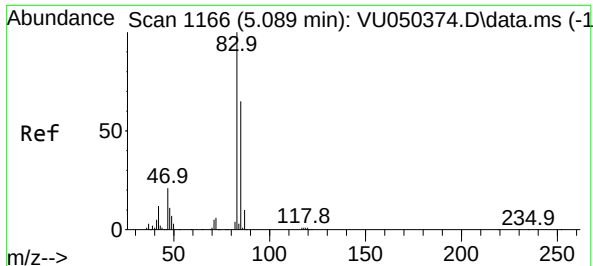
55 100

85 0.0 13.5 20.3#

58 0.0 7.0 10.4#

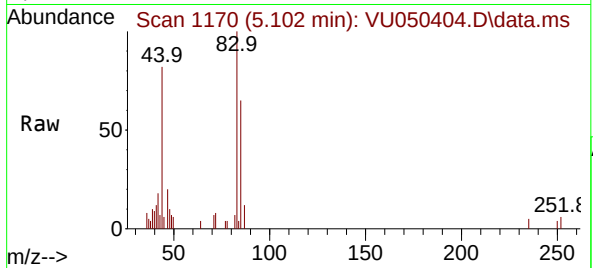
42 4.2 7.0 10.6#





#41
Tetrahydrofuran
Concen: 0.945 ug/l m
RT: 5.102 min Scan# 1166
Delta R.T. 0.036 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

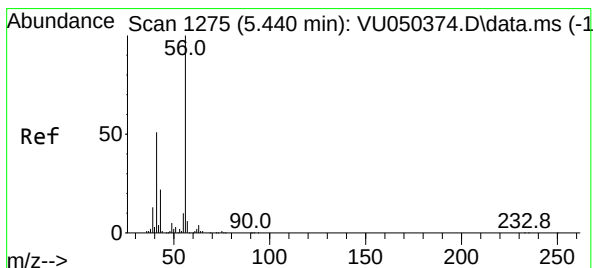
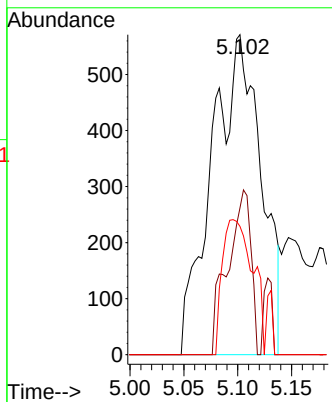
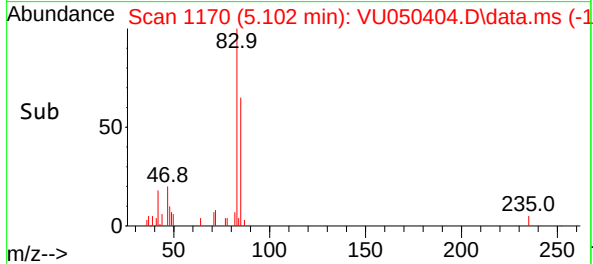
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



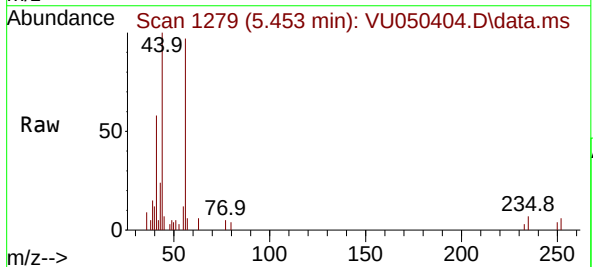
Tgt Ion: 42 Resp: 1814
Ion Ratio Lower Upper
42 100
72 0.0 38.9 58.3
71 0.0 33.7 50.5

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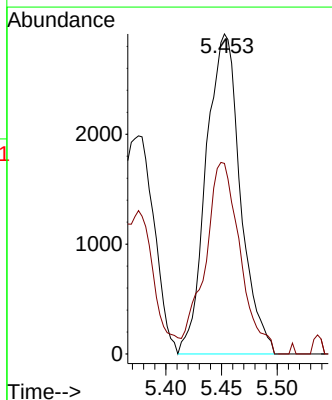
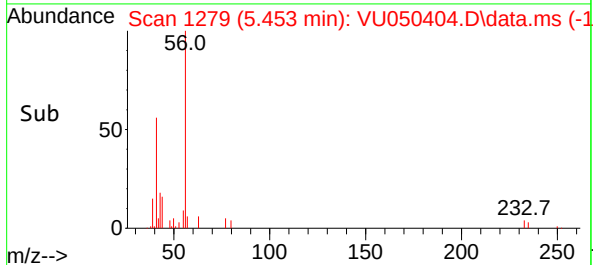
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022

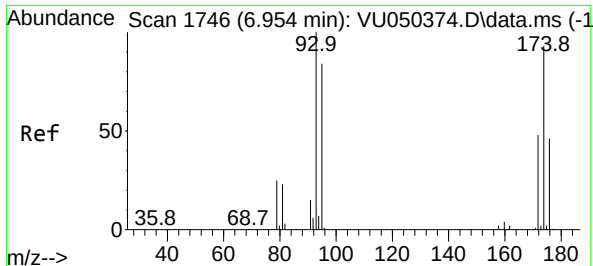


#42
1-Chlorobutane
Concen: 0.320 ug/l
RT: 5.453 min Scan# 1279
Delta R.T. -0.003 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29



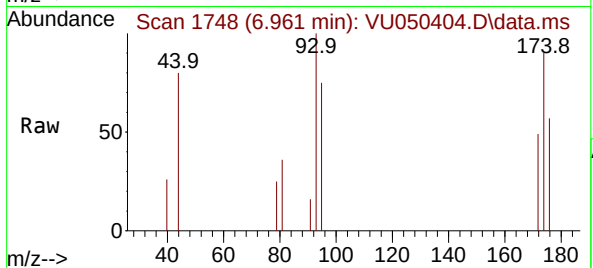
Tgt Ion: 56 Resp: 6237
Ion Ratio Lower Upper
56 100
41 61.2 26.4 79.2





#43
Dibromomethane
Concen: 0.302 ug/l
RT: 6.961 min Scan# 175
Delta R.T. 0.042 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

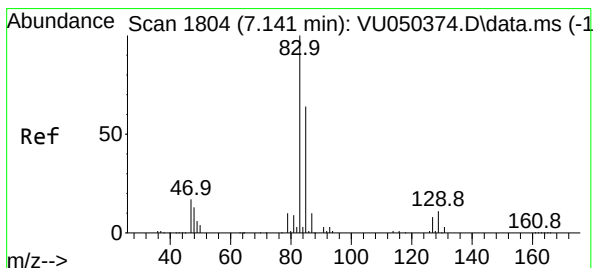
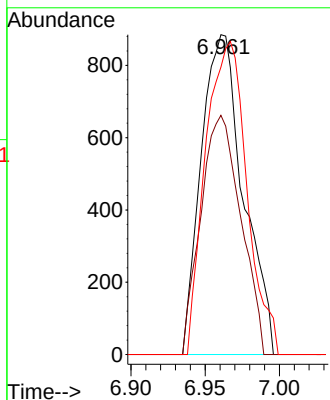
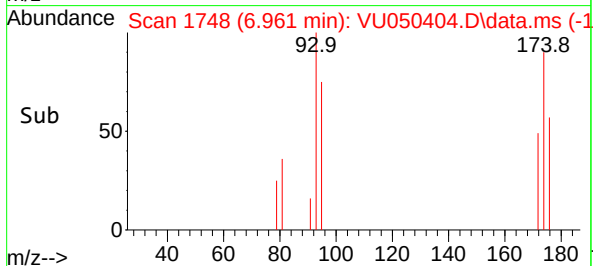
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



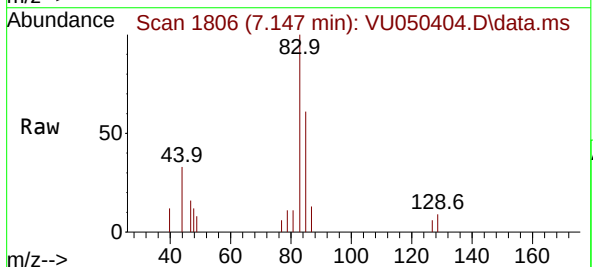
Tgt Ion: 93 Resp: 175
Ion Ratio Lower Upper
93 100
95 70.7 65.0 97.6
174 95.7 76.3 114.5

Manual Integrations
APPROVED

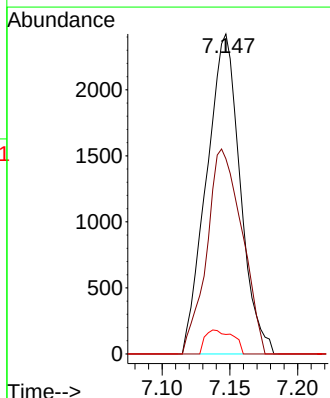
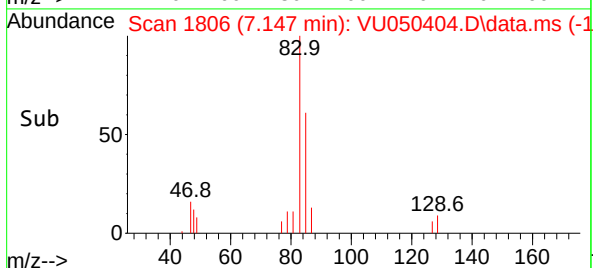
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022

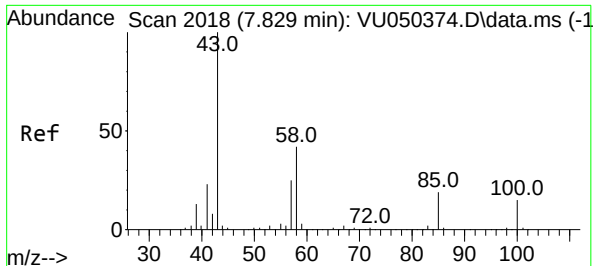


#44
Bromodichloromethane
Concen: 0.305 ug/l
RT: 7.147 min Scan# 1806
Delta R.T. 0.039 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29



Tgt Ion: 83 Resp: 4178
Ion Ratio Lower Upper
83 100
85 61.0 49.4 74.0
127 6.1 6.6 10.0#





#45

4-Methyl-2-Pentanone

Concen: 1.156 ug/l

RT: 7.835 min Scan# 2018

Delta R.T. 0.039 min

Lab File: VU050404.D

Acq: 22 Aug 2022 18:29

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

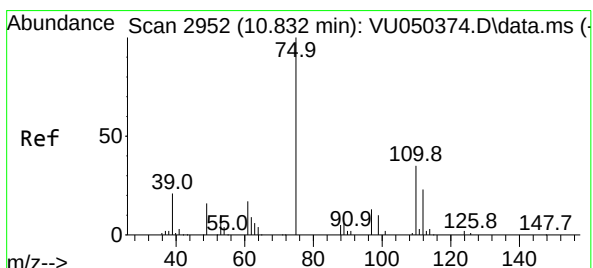
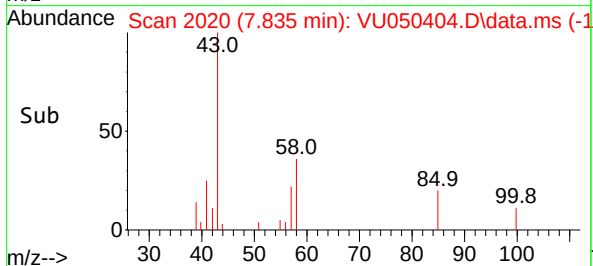
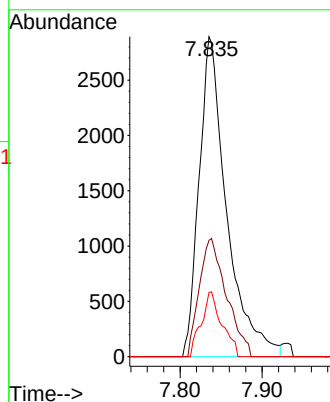
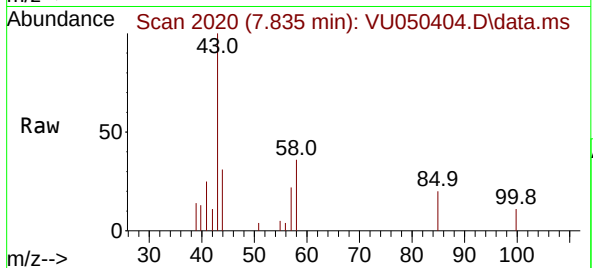
Tgt Ion: 43	Resp: 6740
Ion Ratio	Lower Upper
43 100	
58 36.4	20.3 61.0
85 15.2	14.6 21.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/27/2022

Supervised By :Mahesh Dadoda 09/12/2022



#46

t-1,4-Dichloro-2-butene

Concen: 0.542 ug/l m

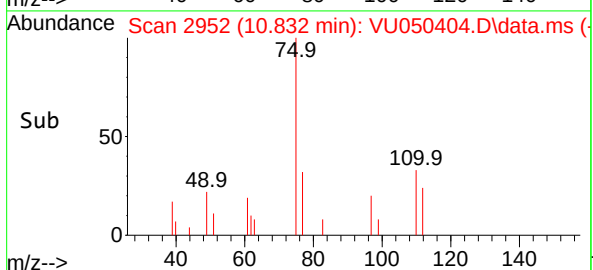
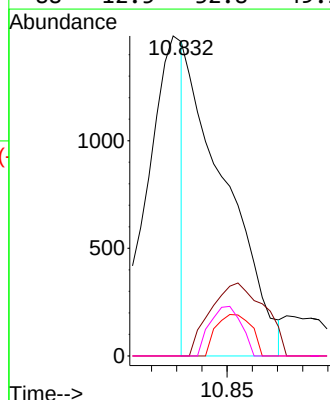
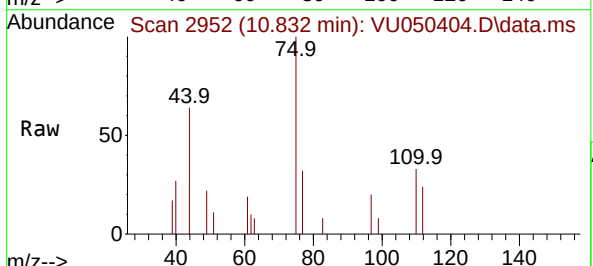
RT: 10.832 min Scan# 2952

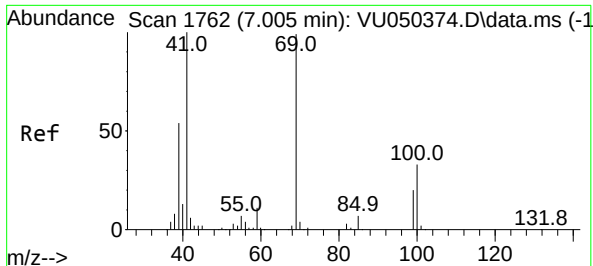
Delta R.T. 0.000 min

Lab File: VU050404.D

Acq: 22 Aug 2022 18:29

Tgt Ion: 75	Resp: 1597
Ion Ratio	Lower Upper
75 100	
53 31.6	64.4 96.6#
89 11.6	44.2 66.2#
88 12.5	32.8 49.2#





#47

Methyl methacrylate

Concen: 0.439 ug/l

RT: 7.015 min Scan# 1

Delta R.T. 0.048 min

Lab File: VU050404.D

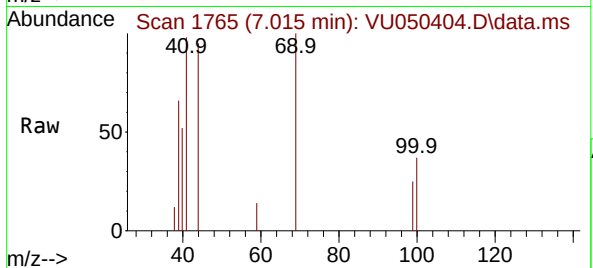
Acq: 22 Aug 2022 18:29

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022



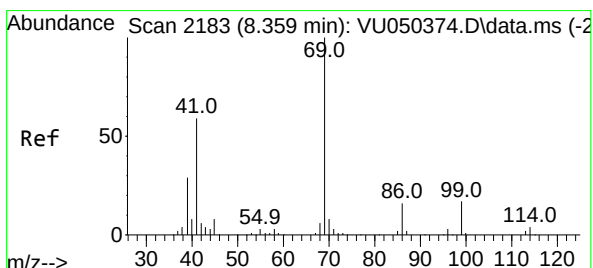
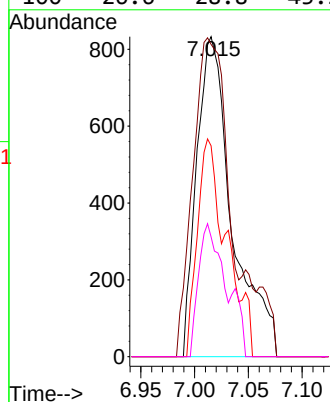
Tgt Ion:	69	Resp:	191
Ion Ratio	100	Lower	Upper
69	100		
41	94.5	0.0	225.4
39	56.4	45.8	68.8
100	26.6	28.8	43.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/27/2022

Supervised By :Mahesh Dadoda 09/12/2022



#48

Ethyl methacrylate

Concen: 0.201 ug/l

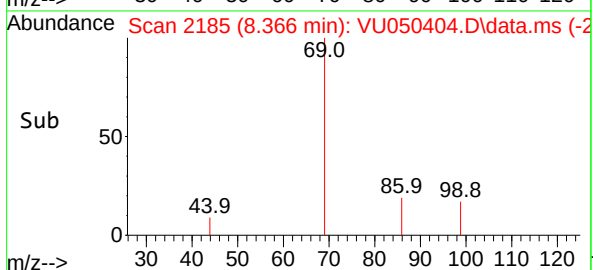
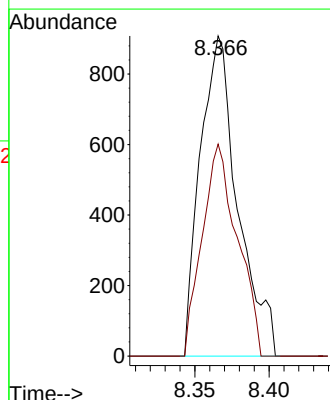
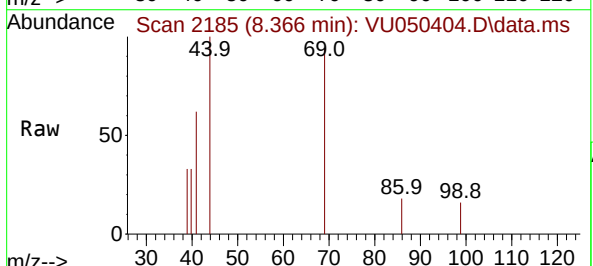
RT: 8.366 min Scan# 2185

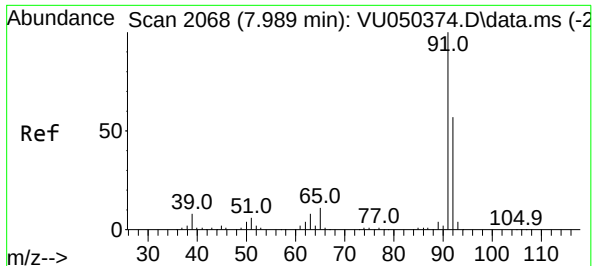
Delta R.T. 0.029 min

Lab File: VU050404.D

Acq: 22 Aug 2022 18:29

Tgt Ion:	69	Resp:	1594
Ion Ratio	100	Lower	Upper
69	100		
41	62.2	32.3	96.9





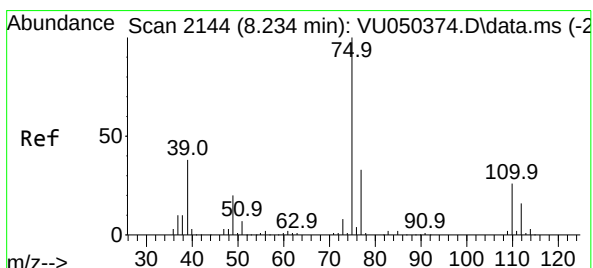
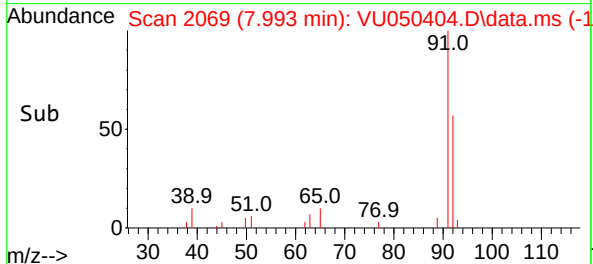
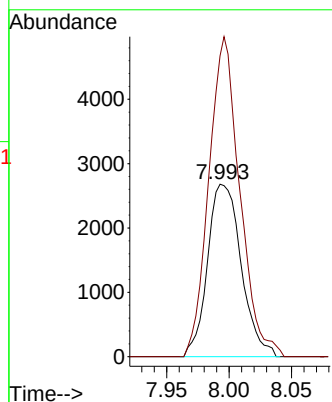
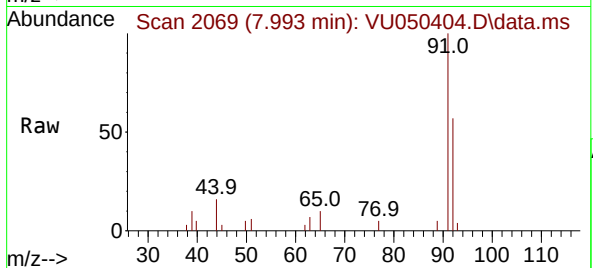
#49
Toluene
Concen: 0.233 ug/l
RT: 7.993 min Scan# 2069
Delta R.T. 0.023 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

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

Tgt Ion: 92 Resp: 503
Ion Ratio Lower Upper
92 100
91 170.7 138.6 207.8

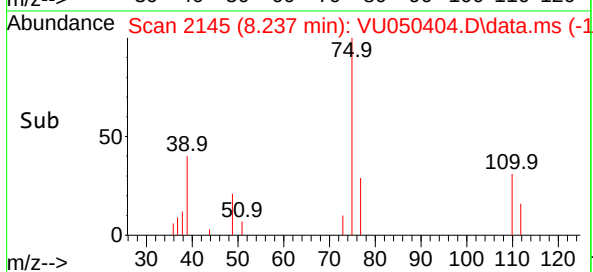
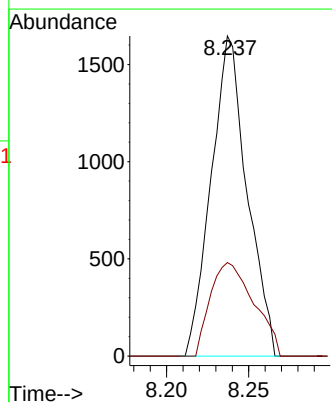
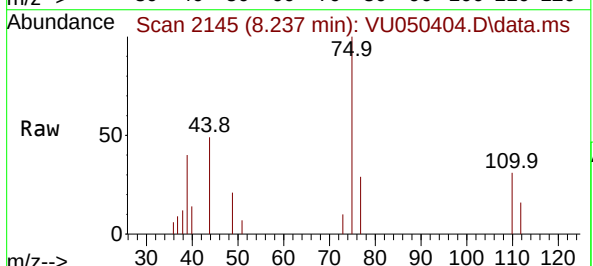
Manual Integrations
APPROVED

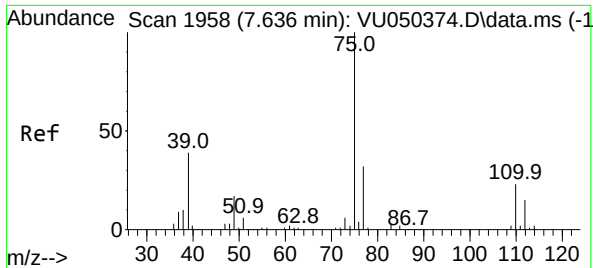
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#50
t-1,3-Dichloropropene
Concen: 0.234 ug/l
RT: 8.237 min Scan# 2145
Delta R.T. 0.026 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

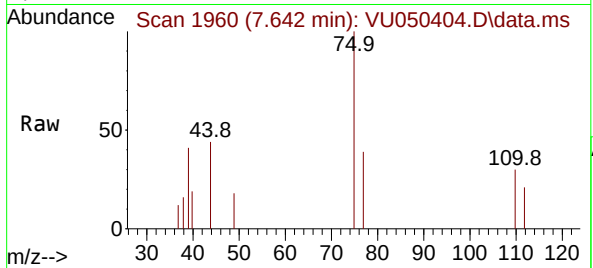
Tgt Ion: 75 Resp: 2502
Ion Ratio Lower Upper
75 100
77 29.2 24.7 37.1





#51
 cis-1,3-Dichloropropene
 Concen: 0.245 ug/l
 RT: 7.642 min Scan# 1958
 Delta R.T. 0.032 min
 Lab File: VU050404.D
 Acq: 22 Aug 2022 18:29

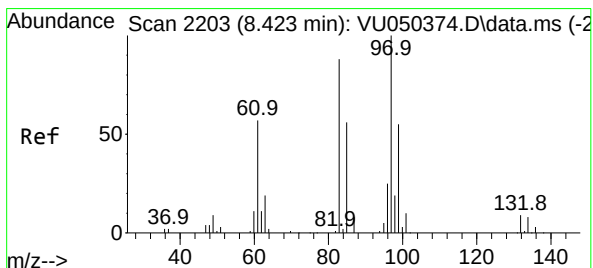
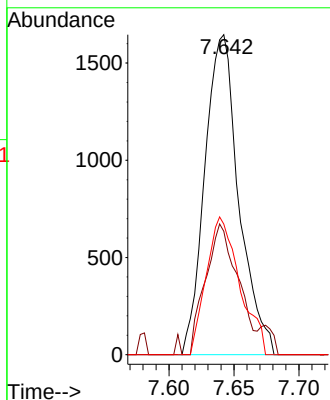
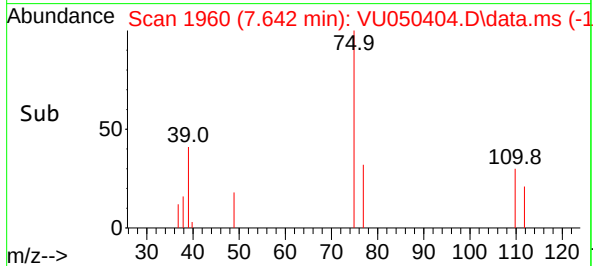
Instrument : MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2022



Tgt Ion: 75 Resp: 2999
 Ion Ratio Lower Upper
 75 100
 77 38.6 25.4 38.0#
 39 40.8 35.1 52.7

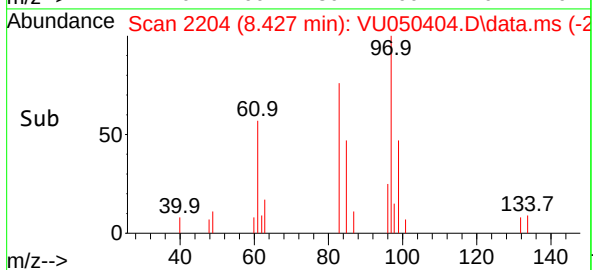
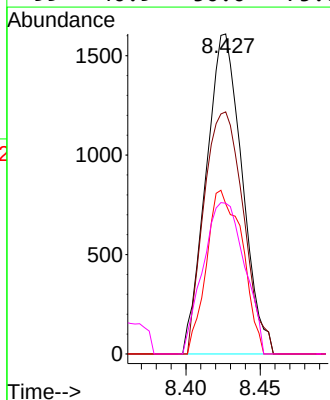
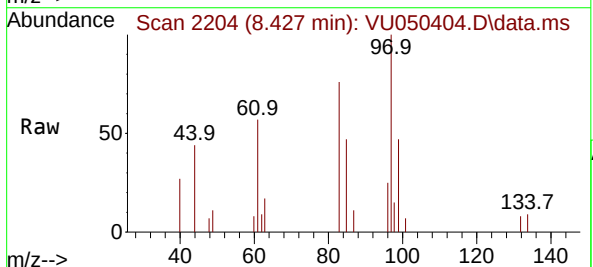
Manual Integrations
 APPROVED

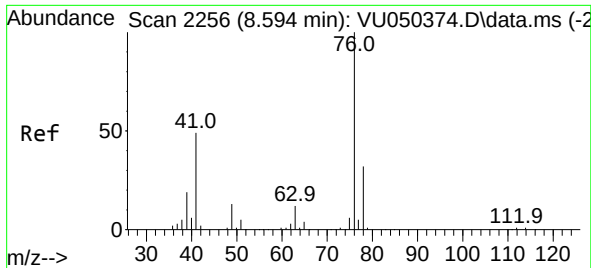
Reviewed By :Krupa Patel 08/27/2022
 Supervised By :Mahesh Dadoda 09/12/2022



#52
 1,1,2-Trichloroethane
 Concen: 0.317 ug/l
 RT: 8.427 min Scan# 2204
 Delta R.T. 0.026 min
 Lab File: VU050404.D
 Acq: 22 Aug 2022 18:29

Tgt Ion: 97 Resp: 2709
 Ion Ratio Lower Upper
 97 100
 83 65.7 70.6 106.0#
 85 40.7 46.2 69.4#
 99 40.9 50.0 75.0#





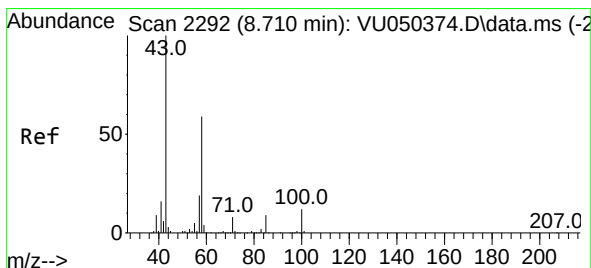
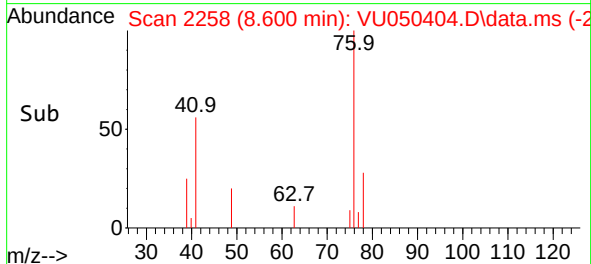
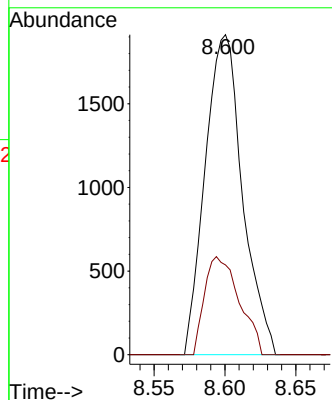
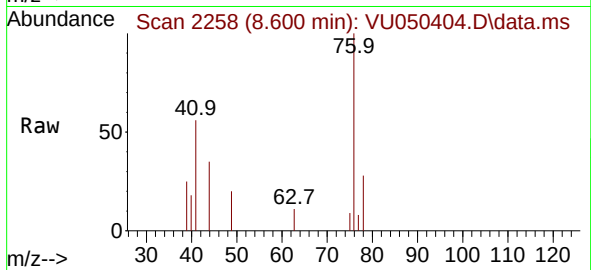
#53
1,3-Dichloropropane
Concen: 0.261 ug/l
RT: 8.600 min Scan# 2258
Delta R.T. 0.023 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

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

Tgt Ion: 76 Resp: 3509
Ion Ratio Lower Upper
76 100
78 28.4 26.0 39.0

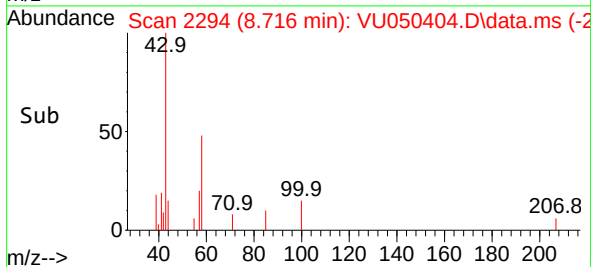
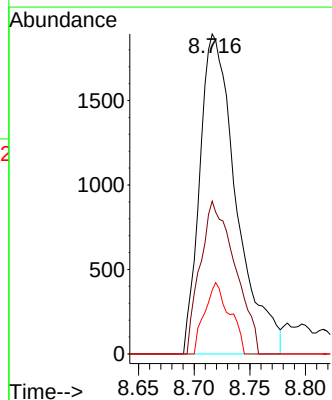
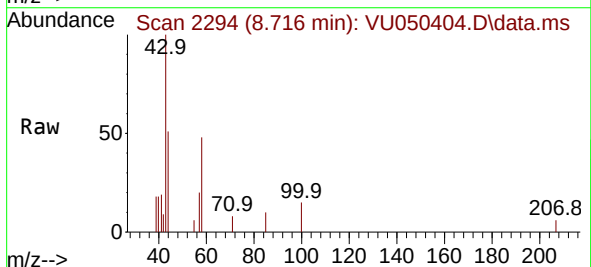
Manual Integrations
APPROVED

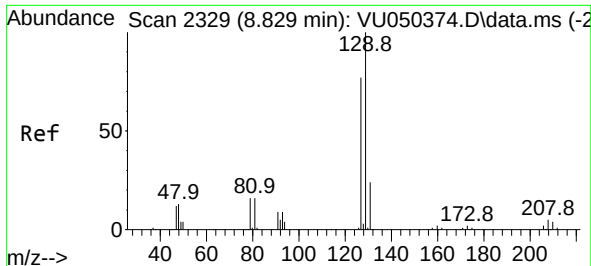
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#54
2-Hexanone
Concen: 1.067 ug/l
RT: 8.716 min Scan# 2294
Delta R.T. 0.026 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

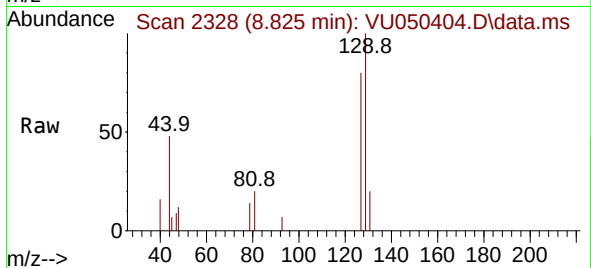
Tgt Ion: 43 Resp: 4336
Ion Ratio Lower Upper
43 100
58 45.2 37.1 77.1
57 15.2 0.0 39.5





#55
Dibromochloromethane
Concen: 0.288 ug/l
RT: 8.825 min Scan# 21
Delta R.T. 0.013 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

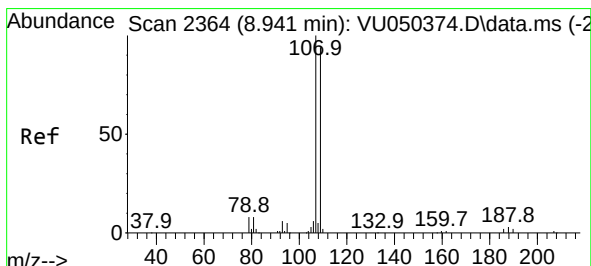
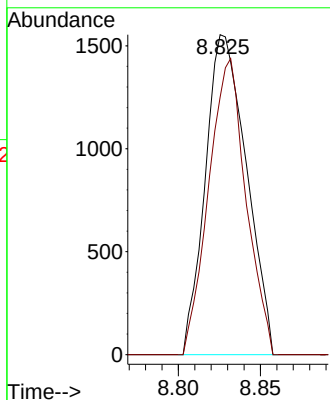
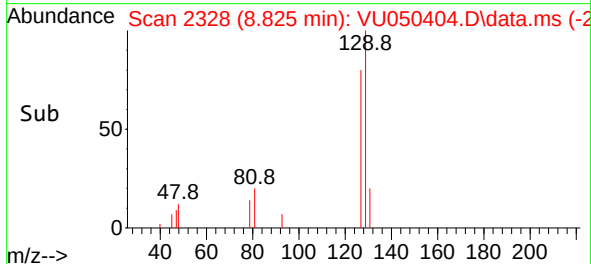
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



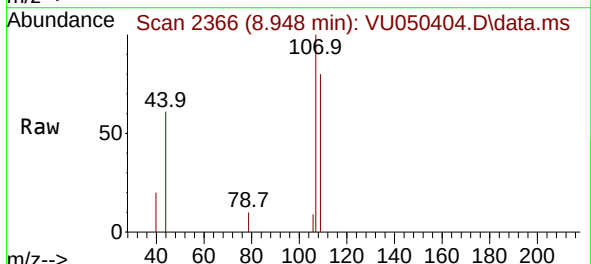
Tgt Ion:129 Resp: 270
Ion Ratio Lower Upper
129 100
127 83.9 61.2 91.8

Manual Integrations
APPROVED

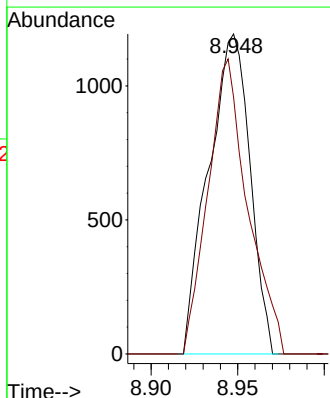
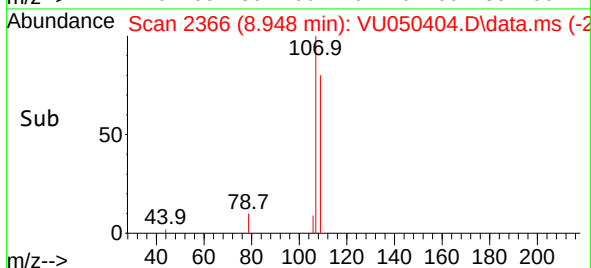
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022

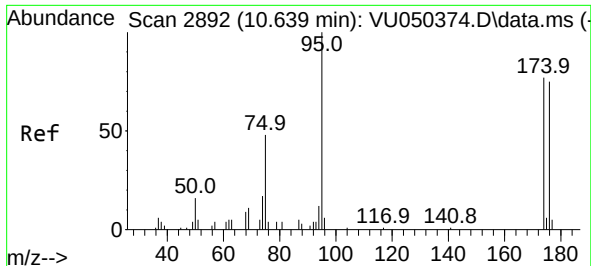


#56
1,2-Dibromoethane
Concen: 0.259 ug/l
RT: 8.948 min Scan# 2366
Delta R.T. 0.023 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29



Tgt Ion:107 Resp: 1985
Ion Ratio Lower Upper
107 100
109 88.7 0.0 187.2





#57

4-Bromofluorobenzene

Concen: 0.758 ug/l

RT: 10.642 min Scan# 2893

Delta R.T. 0.010 min

Lab File: VU050404.D

Acq: 22 Aug 2022 18:29

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

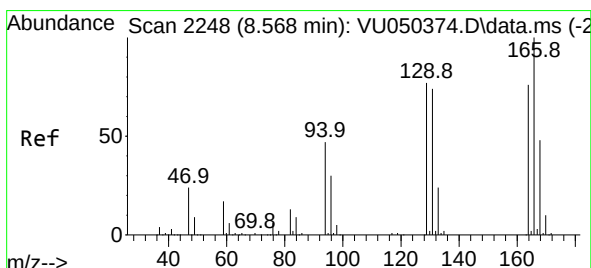
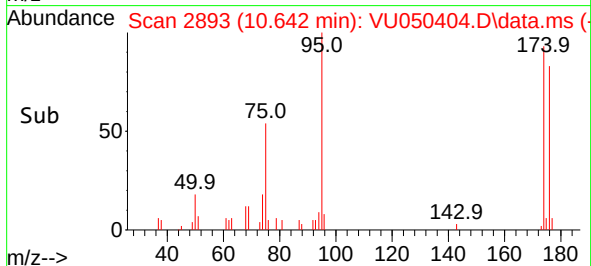
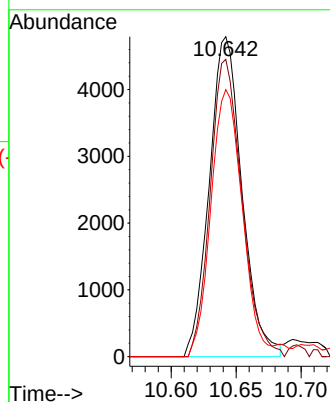
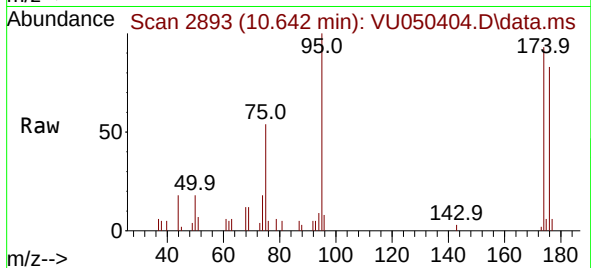
Tgt Ion: 95	Resp: 8394
Ion Ratio	Lower Upper
95 100	
174 89.4	62.4 93.6
176 79.9	56.2 84.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/27/2022

Supervised By :Mahesh Dadoda 09/12/2022



#58

Tetrachloroethene

Concen: 0.269 ug/l

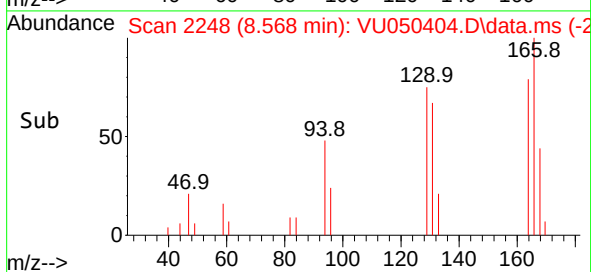
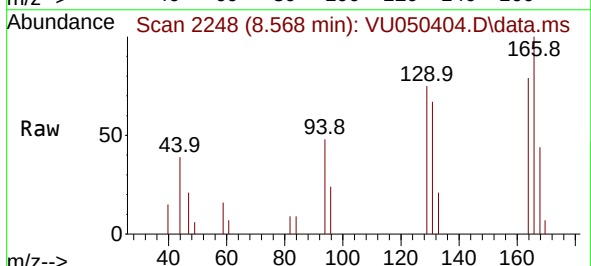
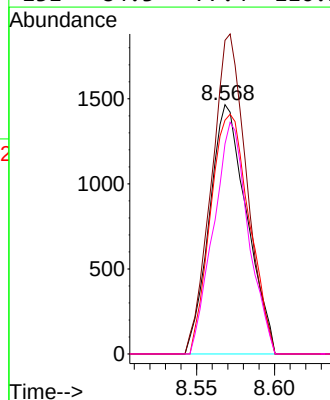
RT: 8.568 min Scan# 2248

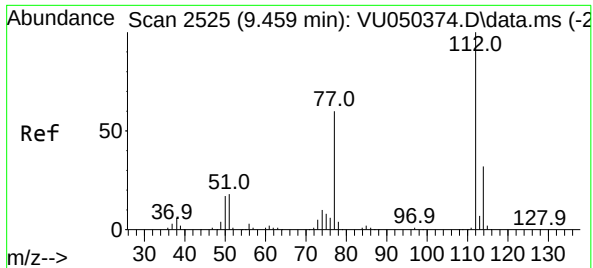
Delta R.T. 0.016 min

Lab File: VU050404.D

Acq: 22 Aug 2022 18:29

Tgt Ion:164	Resp: 2441
Ion Ratio	Lower Upper
164 100	
166 125.8	102.4 153.6
129 93.8	79.5 119.3
131 84.3	77.4 116.2





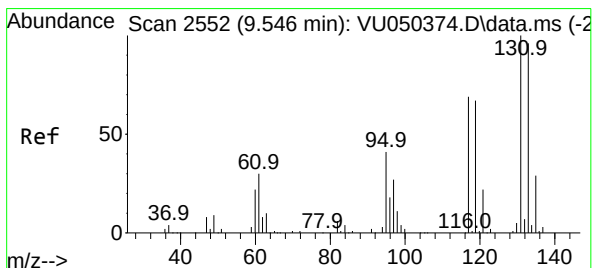
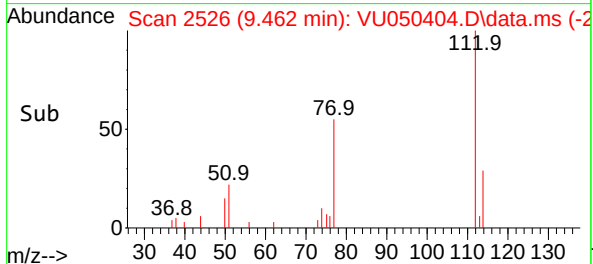
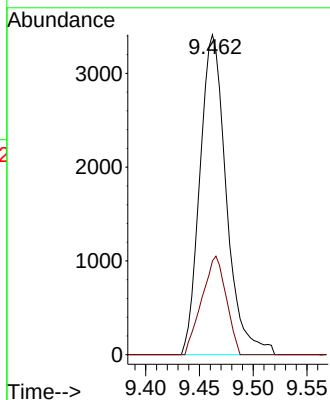
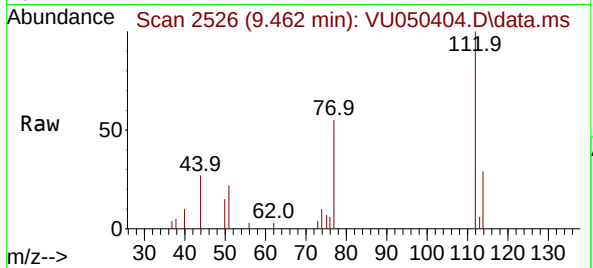
#59
Chlorobenzene
Concen: 0.250 ug/l
RT: 9.462 min Scan# 2526
Delta R.T. 0.013 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

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

Tgt Ion:112 Resp: 5834
Ion Ratio Lower Upper
112 100
114 29.3 24.9 37.3

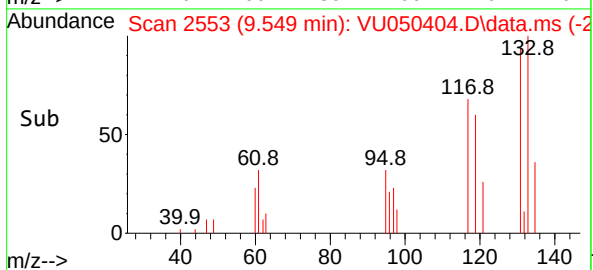
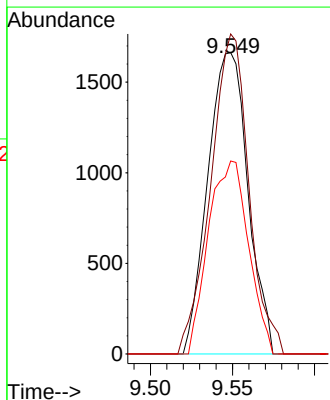
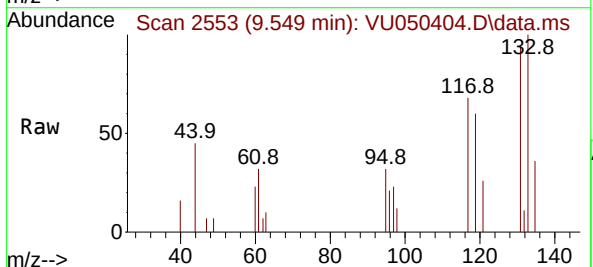
Manual Integrations
APPROVED

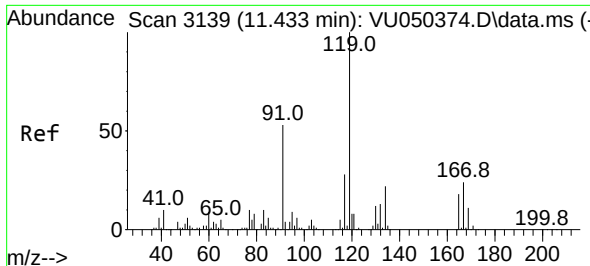
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#60
1,1,1,2-Tetrachloroethane
Concen: 0.289 ug/l
RT: 9.549 min Scan# 2553
Delta R.T. 0.013 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

Tgt Ion:131 Resp: 2832
Ion Ratio Lower Upper
131 100
133 100.7 78.3 117.5
119 63.9 53.2 79.8





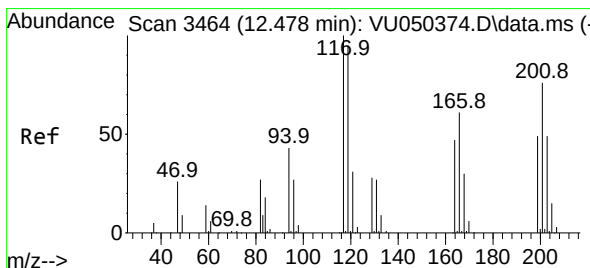
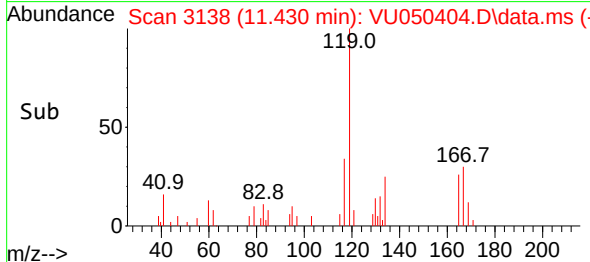
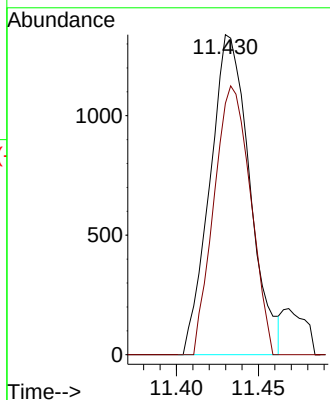
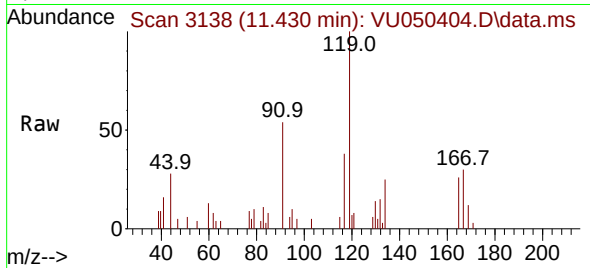
#61
 Pentachloroethane
 Concen: 0.277 ug/l
 RT: 11.430 min Scan# 3139
 Delta R.T. 0.000 min
 Lab File: VU050404.D
 Acq: 22 Aug 2022 18:29

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

Tgt Ion:117 Resp: 225
 Ion Ratio Lower Upper
 117 100
 167 77.1 66.2 99.4

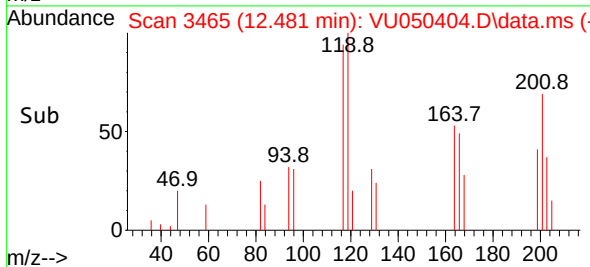
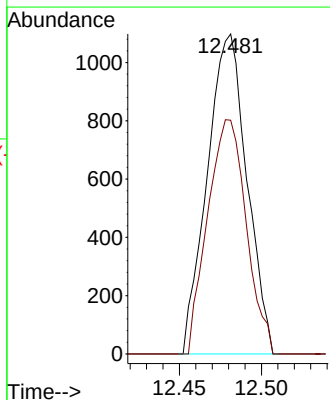
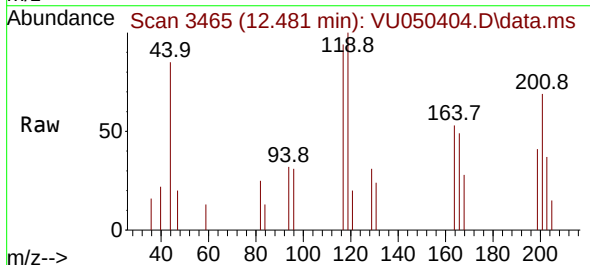
Manual Integrations
 APPROVED

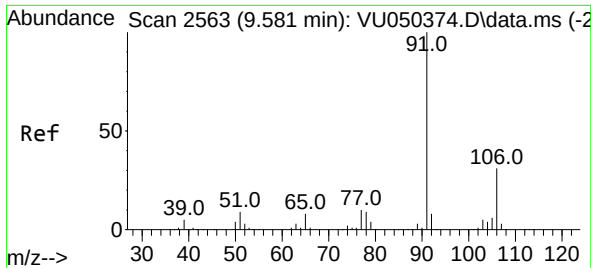
Reviewed By :Krupa Patel 08/27/2022
 Supervised By :Mahesh Dadoda 09/12/2022



#62
 Hexachloroethane
 Concen: 0.272 ug/l
 RT: 12.481 min Scan# 3465
 Delta R.T. 0.007 min
 Lab File: VU050404.D
 Acq: 22 Aug 2022 18:29

Tgt Ion:117 Resp: 1844
 Ion Ratio Lower Upper
 117 100
 201 71.3 61.0 91.4





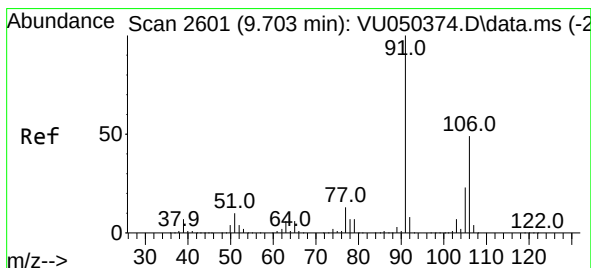
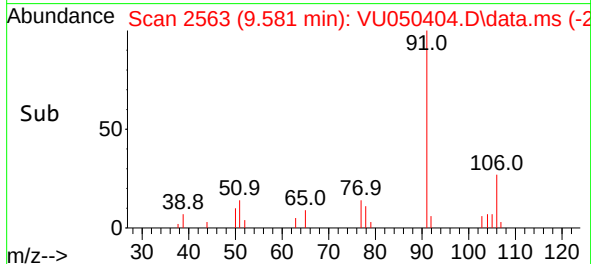
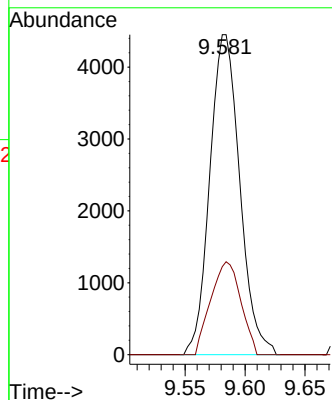
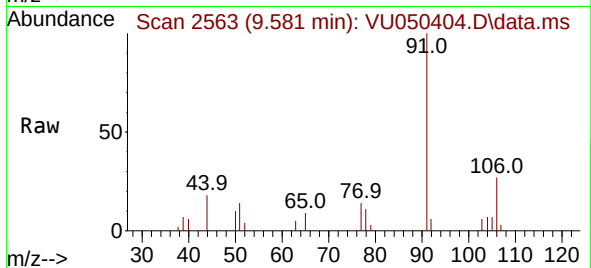
#63
Ethyl Benzene
Concen: 0.208 ug/l
RT: 9.581 min Scan# 2563
Delta R.T. 0.010 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

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

Tgt Ion: 91 Resp: 7720
Ion Ratio Lower Upper
91 100
106 27.5 24.4 36.6

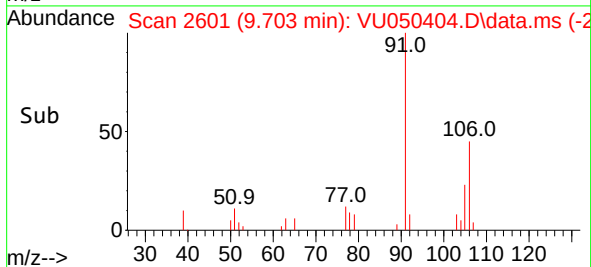
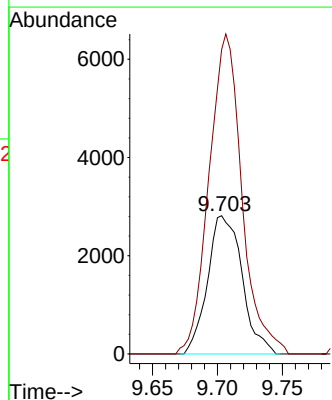
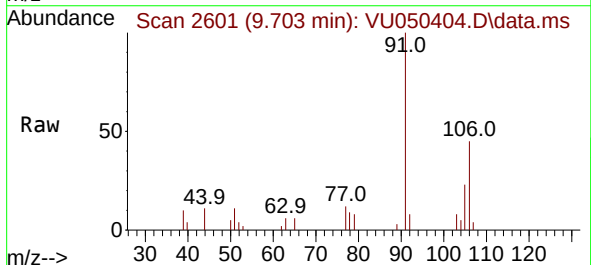
Manual Integrations
APPROVED

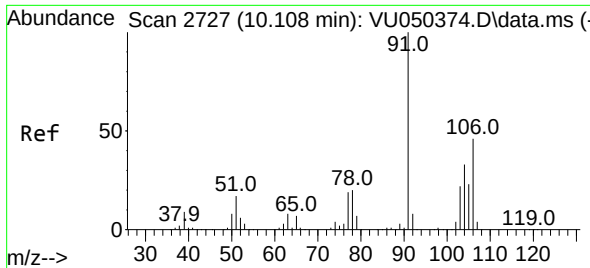
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#64
m/p-Xylenes
Concen: 0.360 ug/l
RT: 9.703 min Scan# 2601
Delta R.T. 0.010 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

Tgt Ion:106 Resp: 5202
Ion Ratio Lower Upper
106 100
91 220.5 167.8 251.6





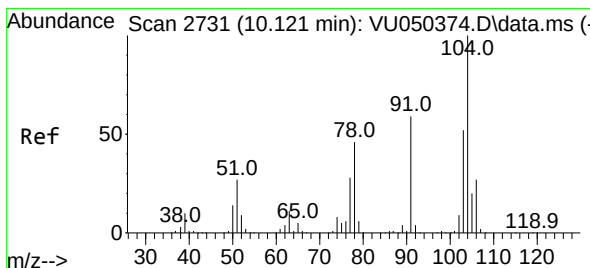
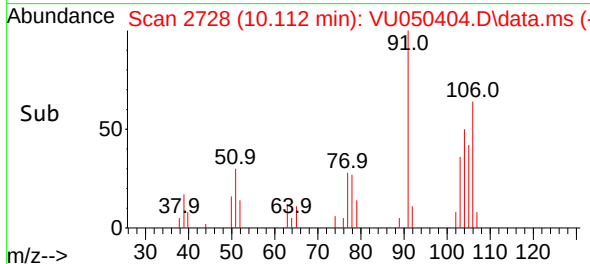
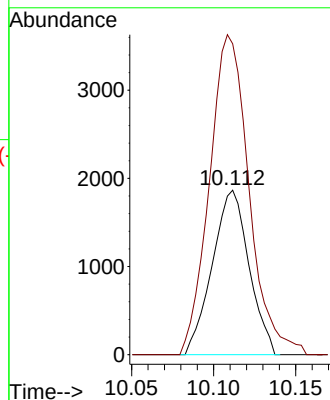
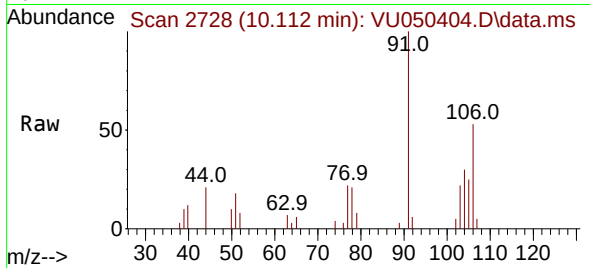
#65
o-Xylene
Concen: 0.210 ug/l
RT: 10.112 min Scan# 2728
Delta R.T. 0.010 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

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

Tgt Ion:106 Resp: 2898
Ion Ratio Lower Upper
106 100
91 210.3 111.1 333.2

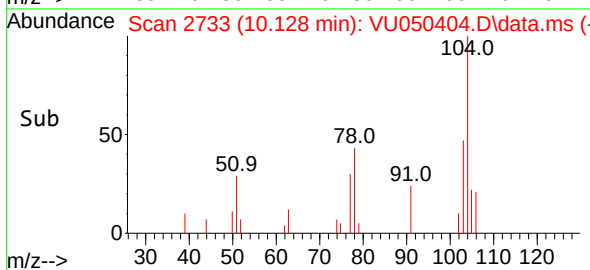
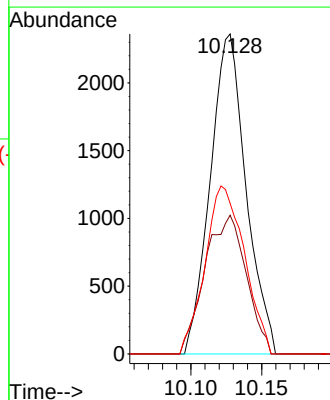
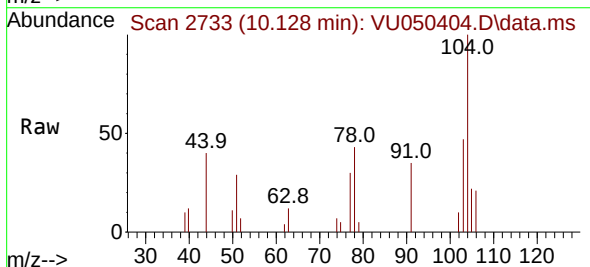
Manual Integrations
APPROVED

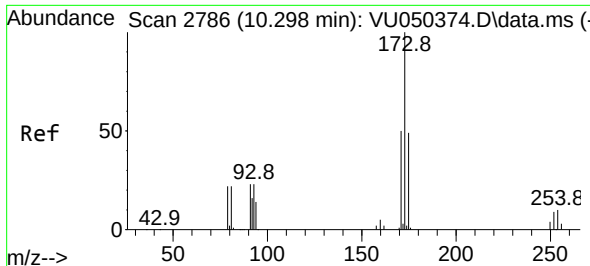
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#66
Styrene
Concen: 0.177 ug/l
RT: 10.128 min Scan# 2733
Delta R.T. 0.013 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

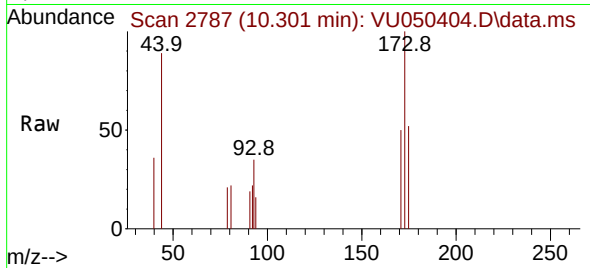
Tgt Ion:104 Resp: 4143
Ion Ratio Lower Upper
104 100
78 50.2 42.1 63.1
103 57.9 44.5 66.7





#67
Bromoform
Concen: 0.281 ug/l
RT: 10.301 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

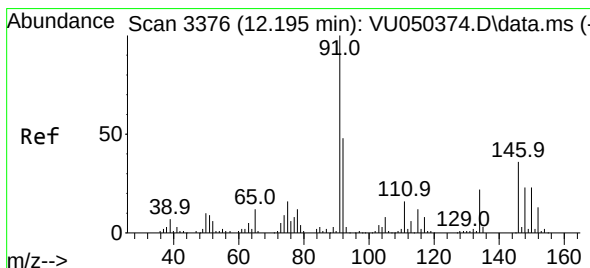
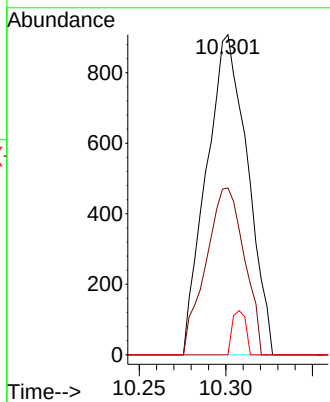
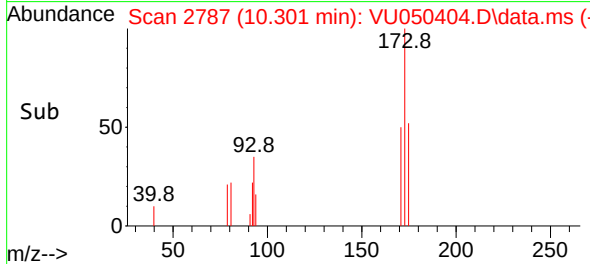
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



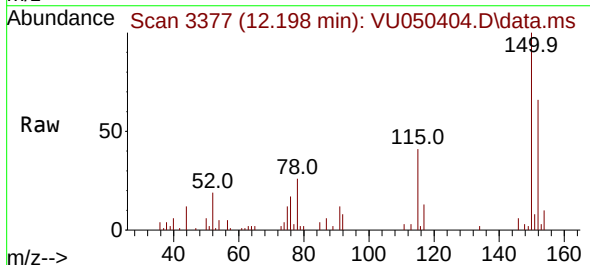
Tgt Ion:173 Resp: 1499
Ion Ratio Lower Upper
173 100
175 48.8 38.4 57.6
254 4.4 7.7 11.5

Manual Integrations
APPROVED

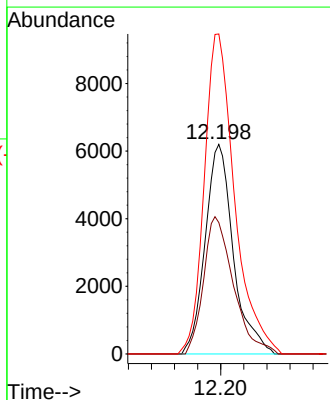
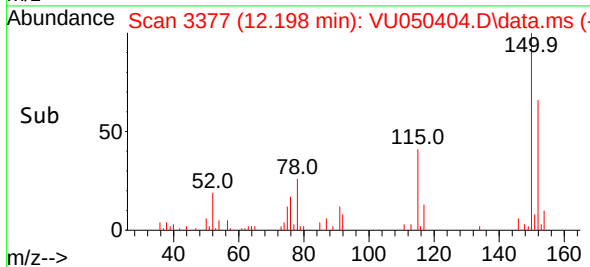
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022

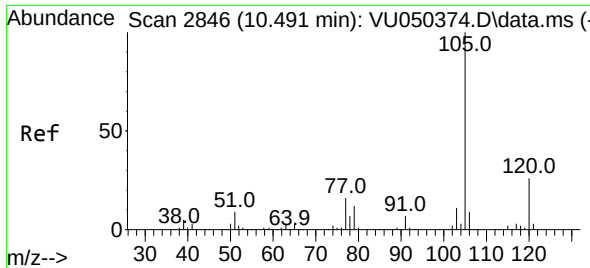


#68
1,2-Dichlorobenzene-d4
Concen: 0.803 ug/l
RT: 12.198 min Scan# 3377
Delta R.T. 0.003 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29



Tgt Ion:152 Resp: 10512
Ion Ratio Lower Upper
152 100
115 69.3 0.0 254.6
150 164.3 0.0 623.6





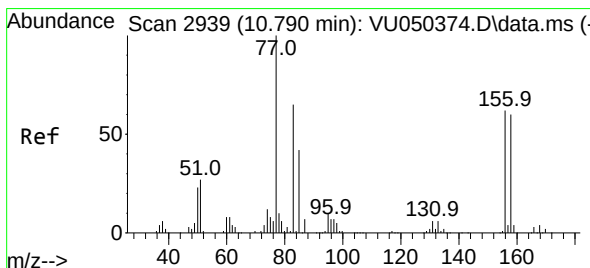
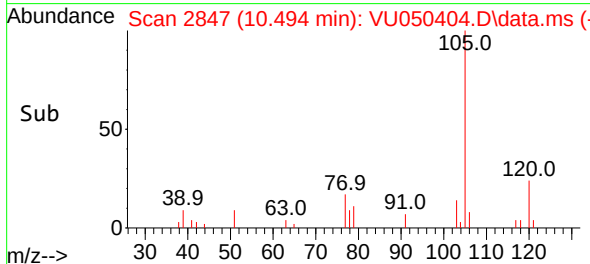
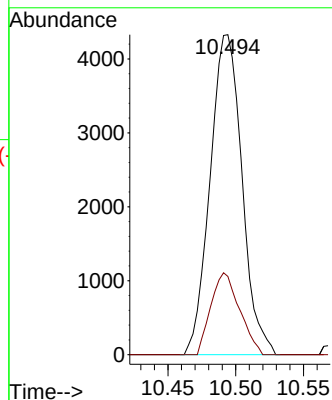
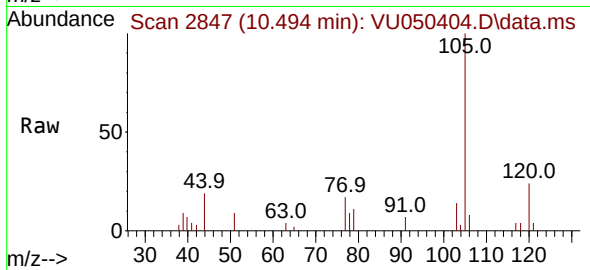
#69
Isopropylbenzene
Concen: 0.198 ug/l
RT: 10.494 min Scan# 2846
Delta R.T. 0.010 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

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

Tgt Ion:105 Resp: 7082
Ion Ratio Lower Upper
105 100
120 23.0 12.6 37.8

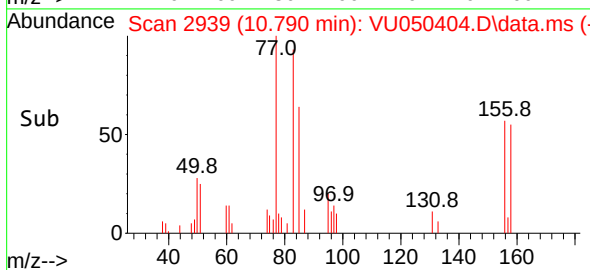
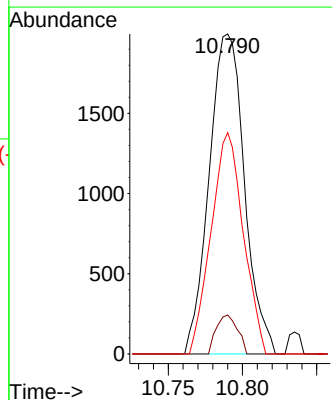
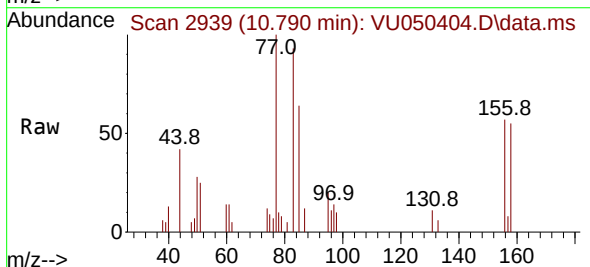
Manual Integrations
APPROVED

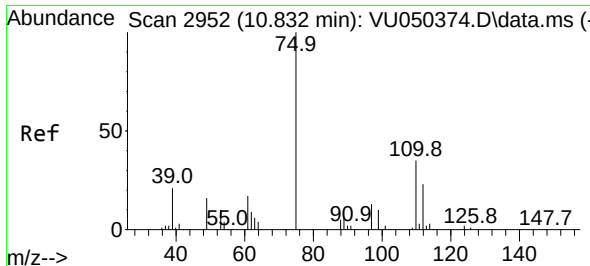
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#70
1,1,2,2-Tetrachloroethane
Concen: 0.281 ug/l
RT: 10.790 min Scan# 2939
Delta R.T. 0.007 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

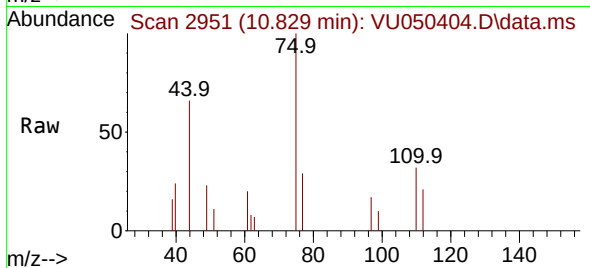
Tgt Ion: 83 Resp: 3300
Ion Ratio Lower Upper
83 100
131 7.3 7.7 11.5#
85 62.9 51.2 76.8





#71
1,2,3-Trichloropropane
Concen: 0.281 ug/l m
RT: 10.829 min Scan# 2952
Delta R.T. 0.003 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

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

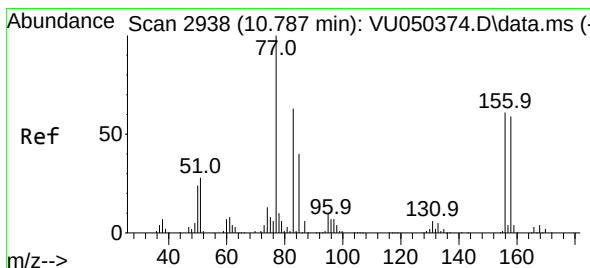
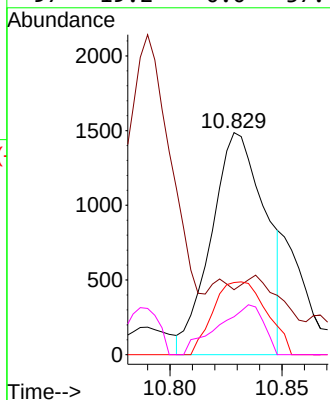
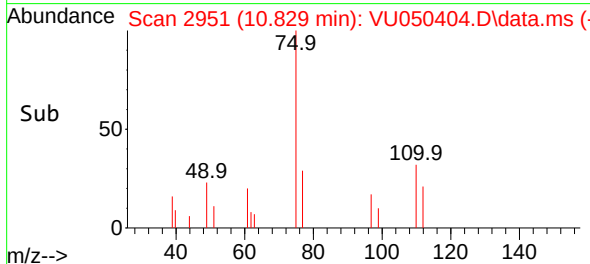


Tgt Ion: 75 Resp: 248

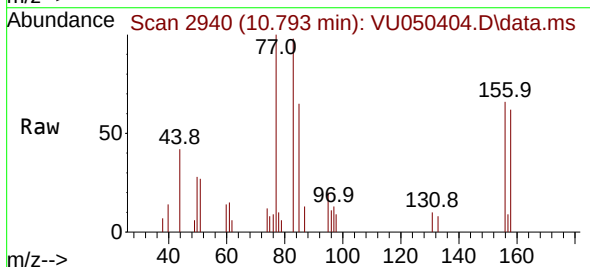
Ion	Ratio	Lower	Upper
75	100		
77	22.3	0.0	112.4
110	32.6	0.0	70.6
97	19.2	0.0	37.4

Manual Integrations
APPROVED

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

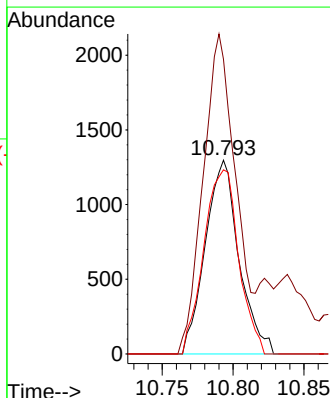
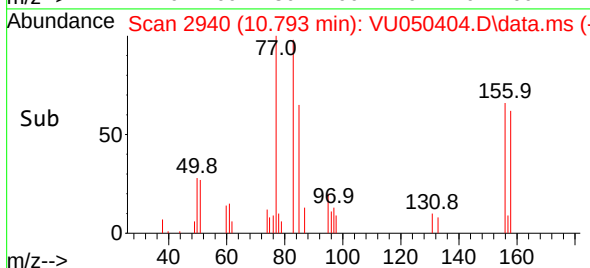


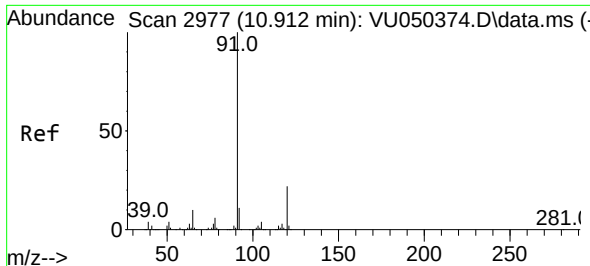
#72
Bromobenzene
Concen: 0.213 ug/l
RT: 10.793 min Scan# 2940
Delta R.T. 0.010 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29



Tgt Ion:156 Resp: 2144

Ion	Ratio	Lower	Upper
156	100		
77	160.9	0.0	344.4
158	98.6	0.0	192.2





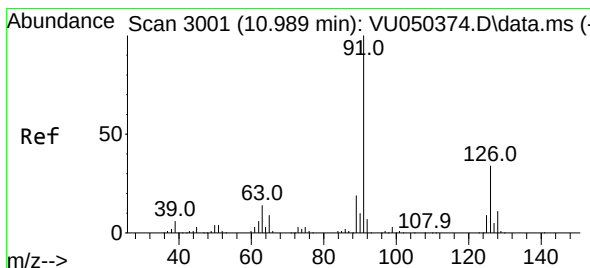
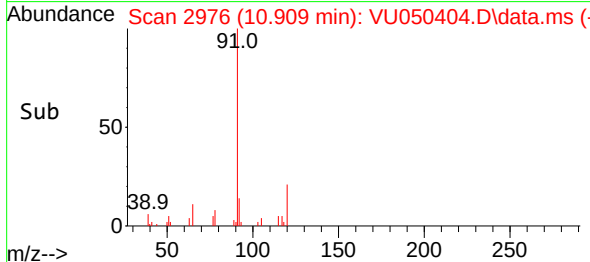
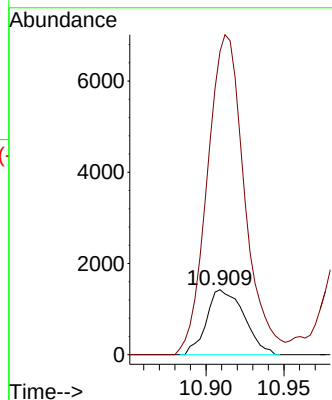
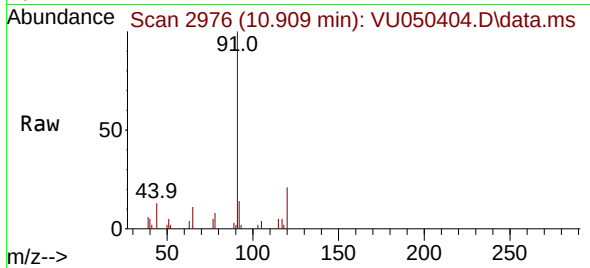
#73
n-propylbenzene
Concen: 0.244 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.003 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

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

Tgt Ion:120 Resp: 2380
Ion Ratio Lower Upper
120 100
91 489.2 367.8 551.6

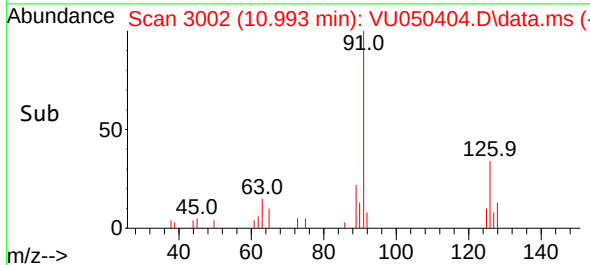
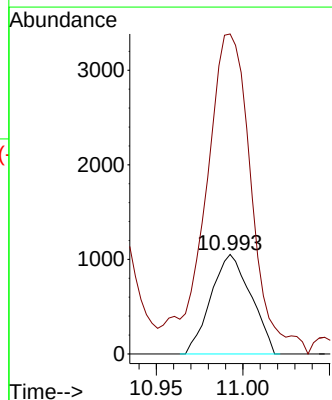
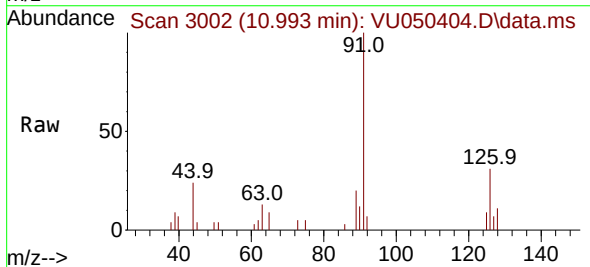
Manual Integrations
APPROVED

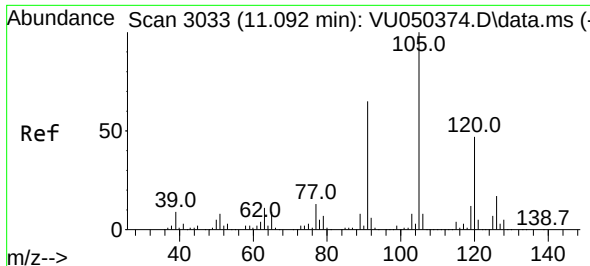
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#74
2-Chlorotoluene
Concen: 0.178 ug/l
RT: 10.993 min Scan# 3002
Delta R.T. 0.007 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

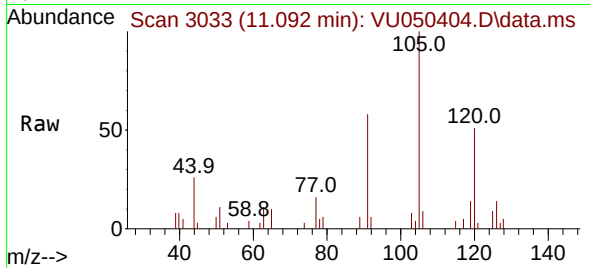
Tgt Ion:126 Resp: 1688
Ion Ratio Lower Upper
126 100
91 371.4 0.0 620.6





#75
1,3,5-Trimethylbenzene
Concen: 0.169 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.003 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

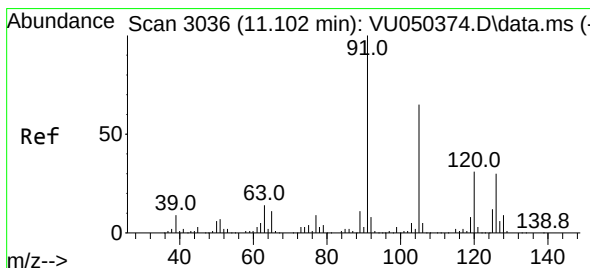
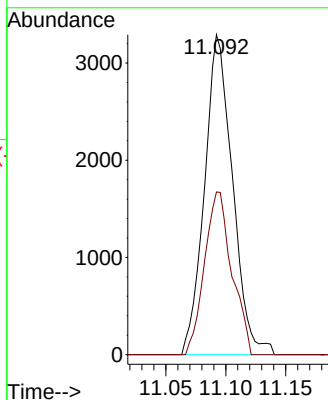
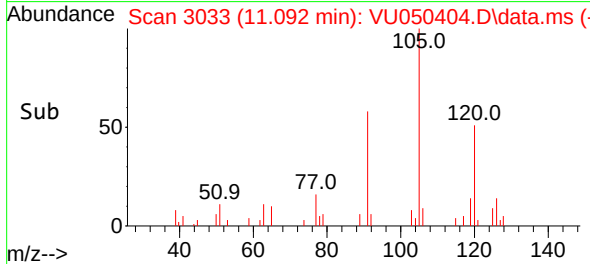
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



Tgt Ion:105 Resp: 5349
Ion Ratio Lower Upper
105 100
120 49.5 37.6 56.4

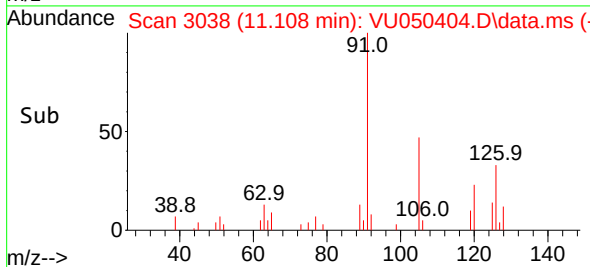
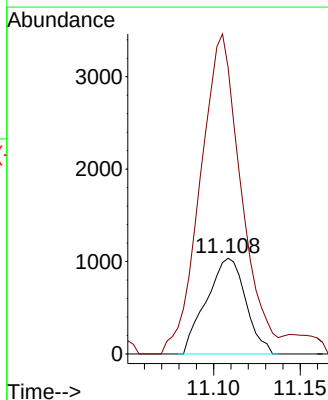
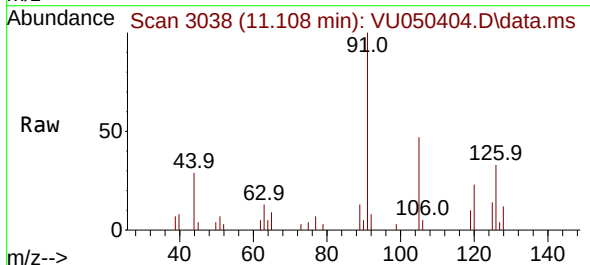
Manual Integrations
APPROVED

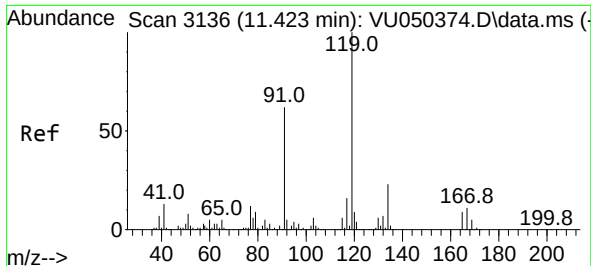
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#76
4-Chlorotoluene
Concen: 0.168 ug/l
RT: 11.108 min Scan# 3038
Delta R.T. 0.010 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

Tgt Ion:126 Resp: 1632
Ion Ratio Lower Upper
126 100
91 346.3 0.0 738.8





#77

tert-Butylbenzene

Concen: 0.199 ug/l

RT: 11.427 min Scan# 3136

Delta R.T. 0.007 min

Lab File: VU050404.D

Acq: 22 Aug 2022 18:29

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT3-2022

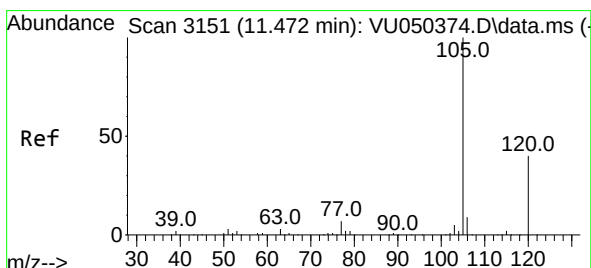
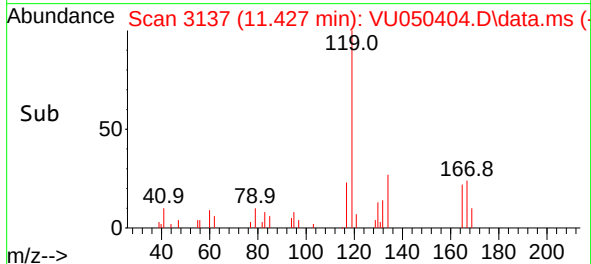
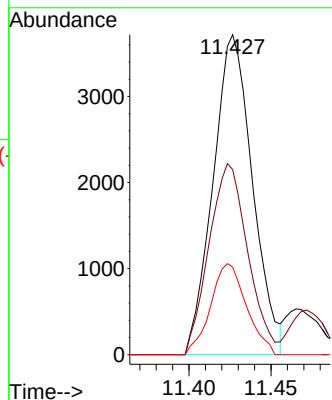
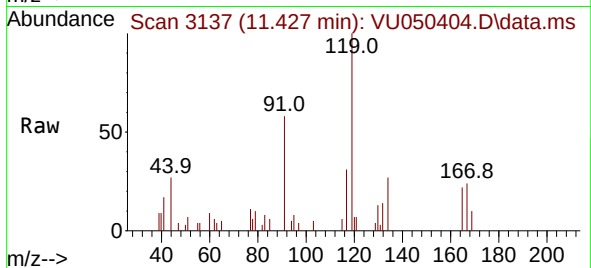
Tgt Ion:	119	Resp:	6210
Ion Ratio	Lower	Upper	
119	100		
91	58.5	30.4	91.3
134	25.9	17.8	26.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/27/2022

Supervised By :Mahesh Dadoda 09/12/2022



#78

1,2,4-Trimethylbenzene

Concen: 0.166 ug/l

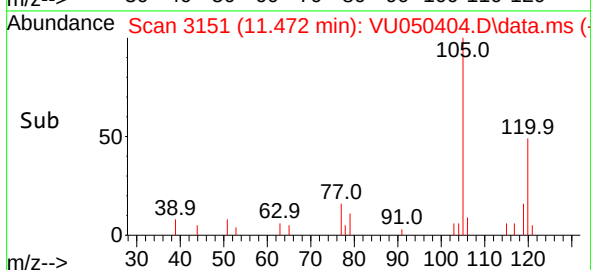
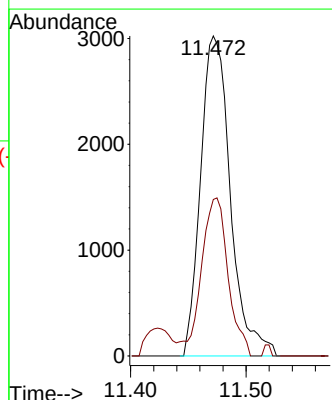
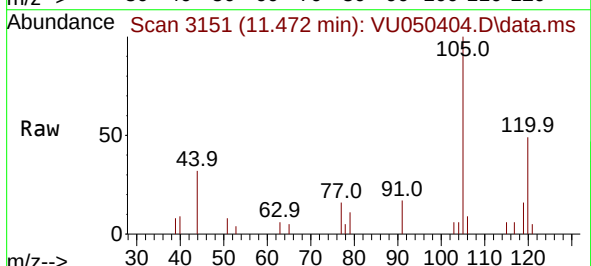
RT: 11.472 min Scan# 3151

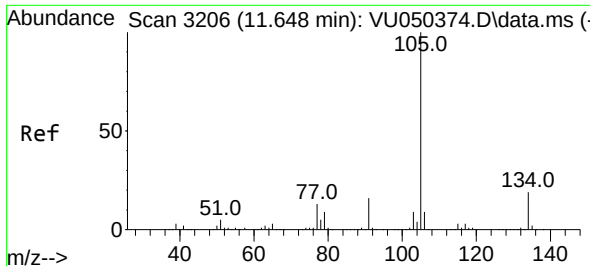
Delta R.T. 0.003 min

Lab File: VU050404.D

Acq: 22 Aug 2022 18:29

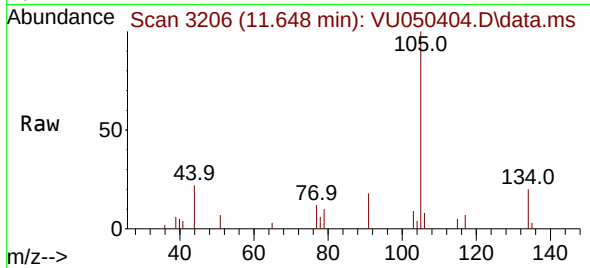
Tgt Ion:	105	Resp:	5418
Ion Ratio	Lower	Upper	
105	100		
120	43.3	21.6	65.0





#79
 sec-Butylbenzene
 Concen: 0.168 ug/l
 RT: 11.648 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU050404.D
 Acq: 22 Aug 2022 18:29

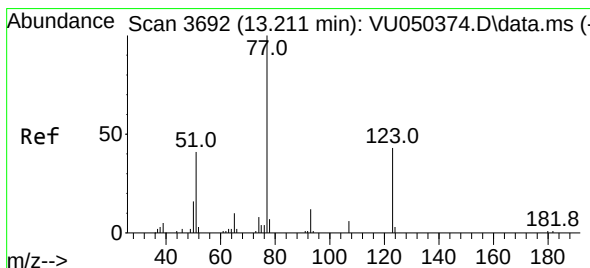
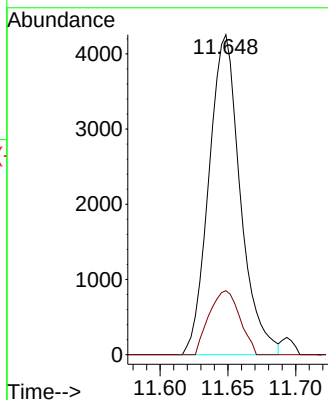
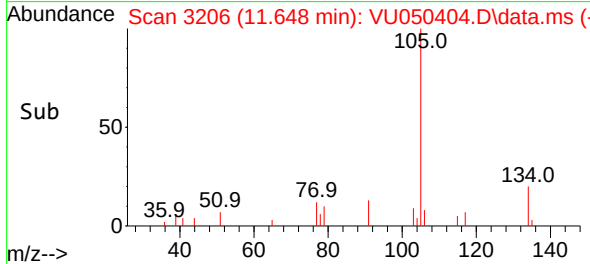
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2022



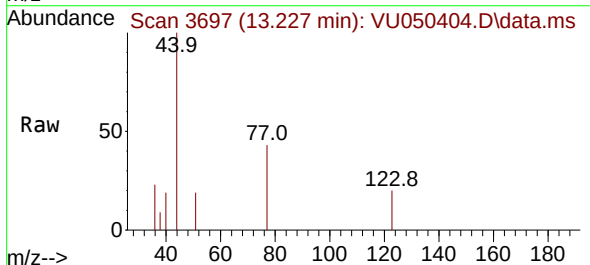
Tgt Ion:105 Resp: 6870
 Ion Ratio Lower Upper
 105 100
 134 19.4 15.4 23.0

Manual Integrations
 APPROVED

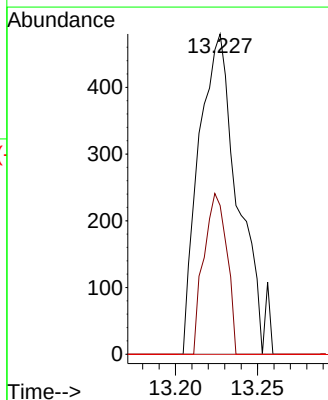
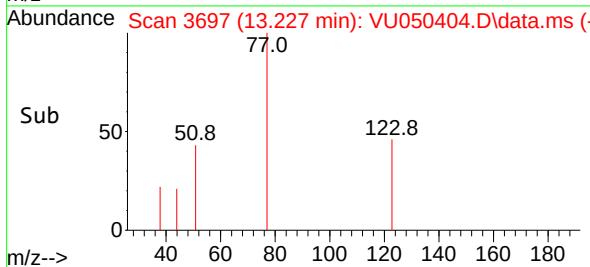
Reviewed By :Krupa Patel 08/27/2022
 Supervised By :Mahesh Dadoda 09/12/2022

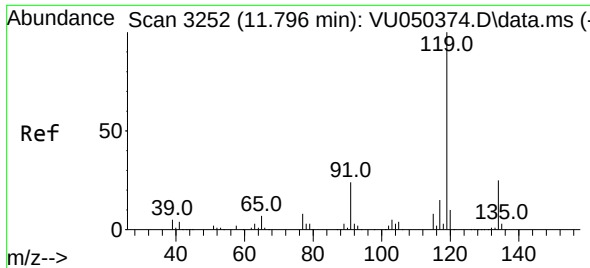


#80
 Nitrobenzene
 Concen: 1.253 ug/l
 RT: 13.227 min Scan# 3697
 Delta R.T. 0.019 min
 Lab File: VU050404.D
 Acq: 22 Aug 2022 18:29



Tgt Ion: 77 Resp: 799
 Ion Ratio Lower Upper
 77 100
 123 29.3 18.1 64.3
 65 0.0 10.8 13.8#





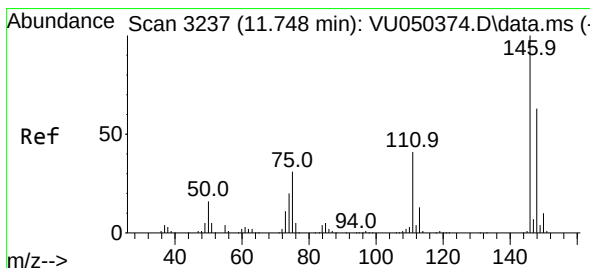
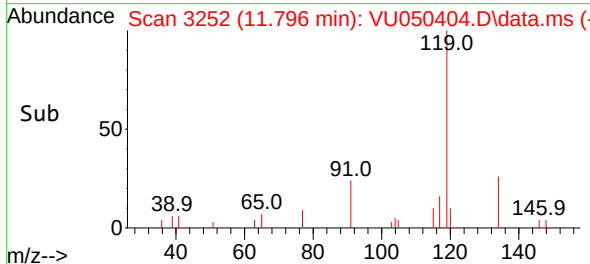
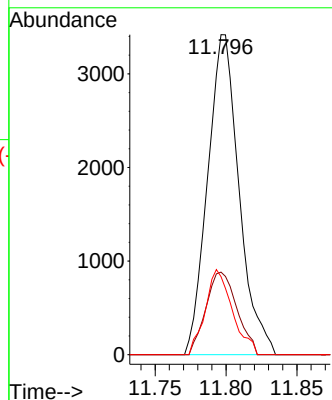
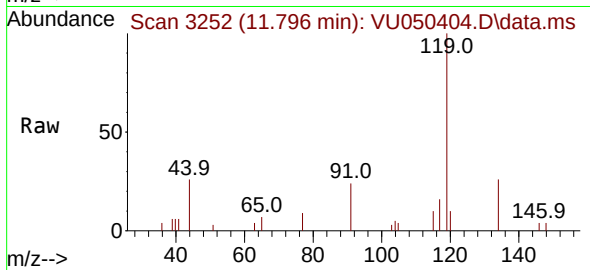
#81
p-Isopropyltoluene
Concen: 0.161 ug/l
RT: 11.796 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

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

Tgt Ion:119 Resp: 526
Ion Ratio Lower Upper
119 100
134 25.5 20.5 30.7
91 22.9 19.8 29.6

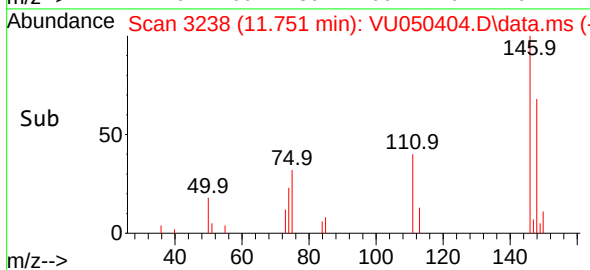
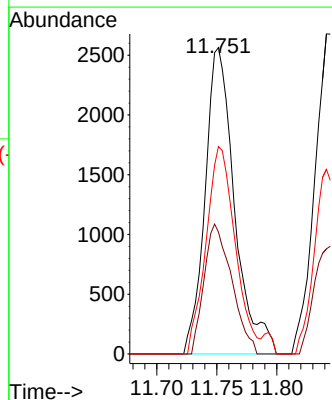
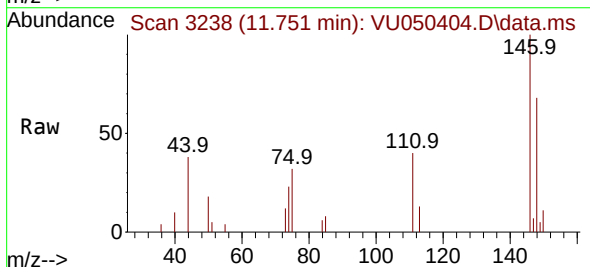
Manual Integrations
APPROVED

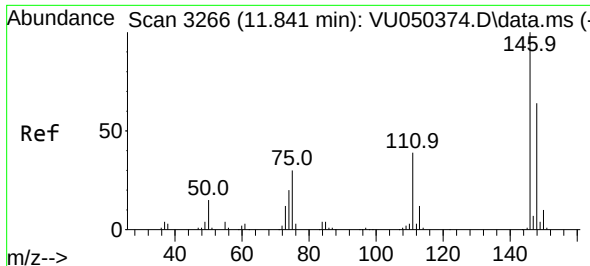
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022



#82
1,3-Dichlorobenzene
Concen: 0.212 ug/l
RT: 11.751 min Scan# 3238
Delta R.T. 0.007 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

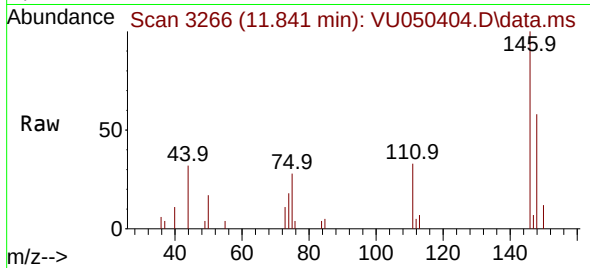
Tgt Ion:146 Resp: 4381
Ion Ratio Lower Upper
146 100
111 39.9 33.4 50.2
148 67.3 51.2 76.8





#83
1,4-Dichlorobenzene
Concen: 0.220 ug/l
RT: 11.841 min Scan# 31
Delta R.T. 0.007 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

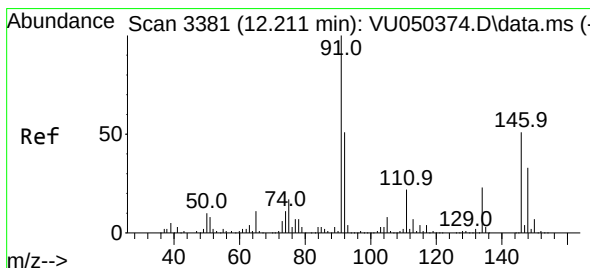
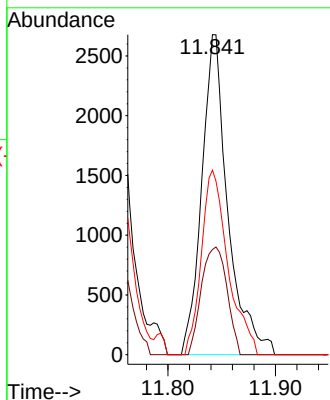
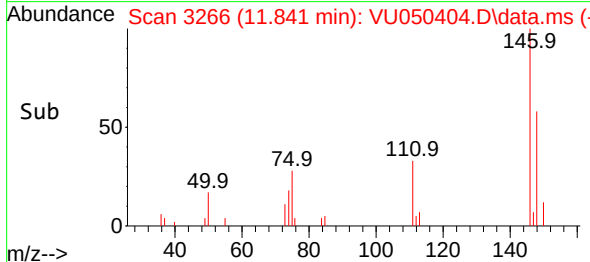
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



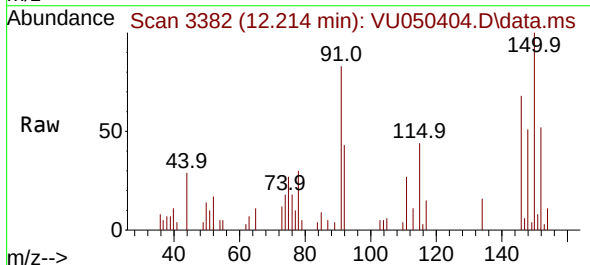
Tgt Ion:146 Resp: 452
Ion Ratio Lower Upper
146 100
111 32.9 32.6 49.0
148 58.8 51.6 77.4

Manual Integrations
APPROVED

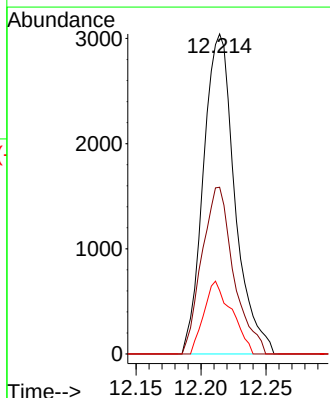
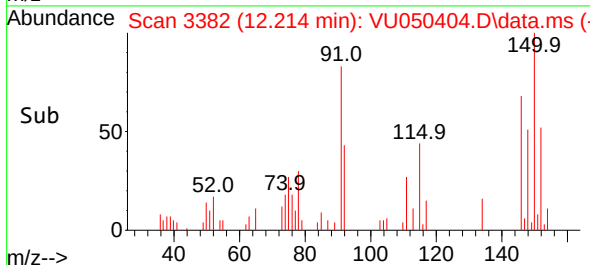
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022

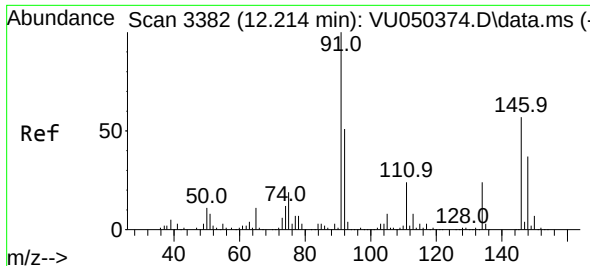


#84
n-Butylbenzene
Concen: 0.166 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29



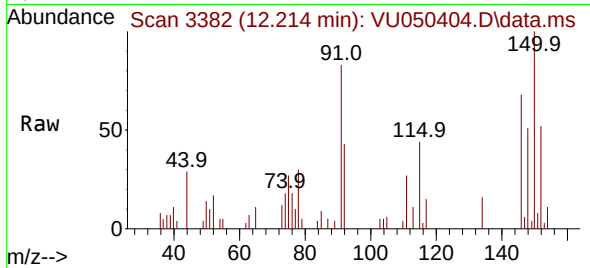
Tgt Ion: 91 Resp: 5116
Ion Ratio Lower Upper
91 100
92 52.7 42.3 63.5
134 20.1 19.6 29.4





#85
1,2-Dichlorobenzene
Concen: 0.225 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

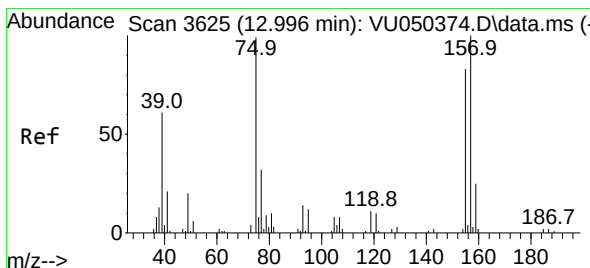
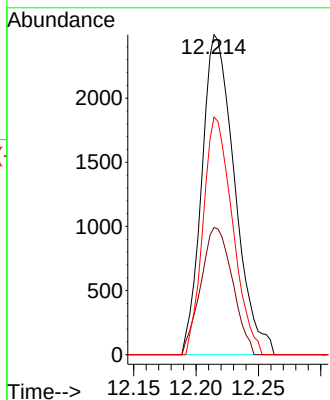
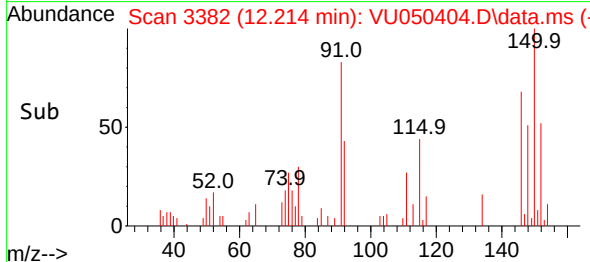
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT3-2022



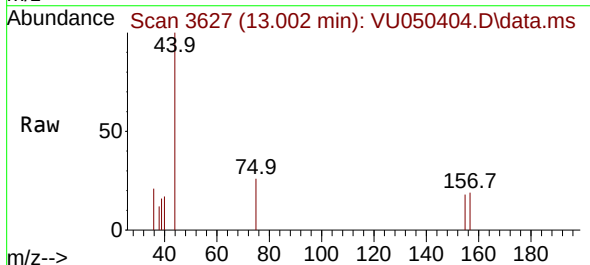
Tgt Ion:146 Resp: 4579
Ion Ratio Lower Upper
146 100
111 38.3 22.1 66.1
148 66.8 32.1 96.3

Manual Integrations
APPROVED

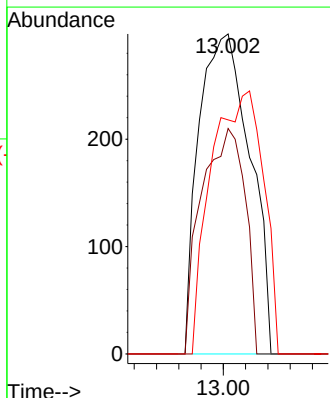
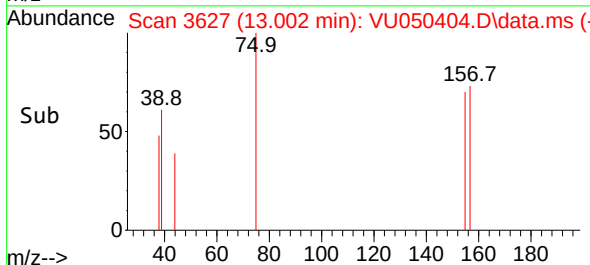
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022

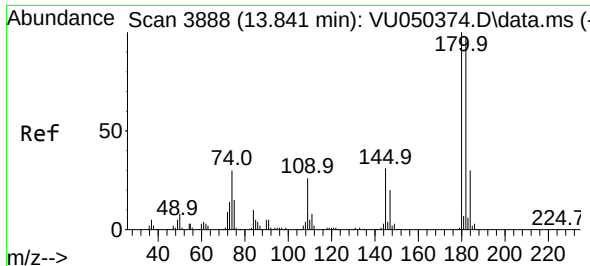


#86
1,2-Dibromo-3-Chloropropane
Concen: 0.255 ug/l
RT: 13.002 min Scan# 3627
Delta R.T. 0.007 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29



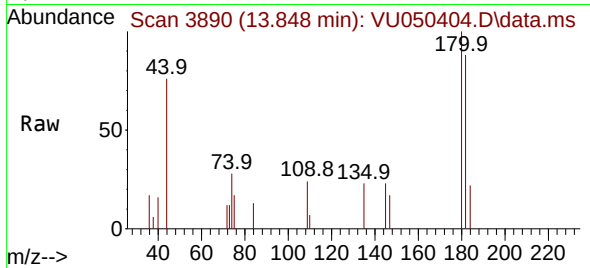
Tgt Ion: 75 Resp: 474
Ion Ratio Lower Upper
75 100
155 60.3 66.8 100.2#
157 84.2 83.8 125.8





#87
1,2,4-Trichlorobenzene
Concen: 0.231 ug/l
RT: 13.848 min Scan# 3888
Delta R.T. 0.007 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

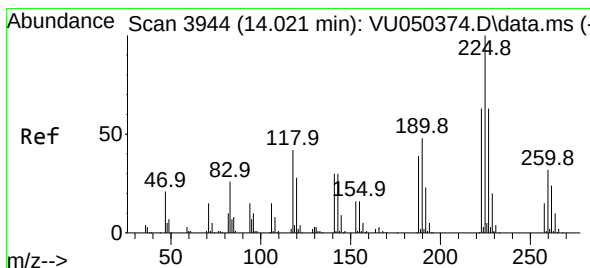
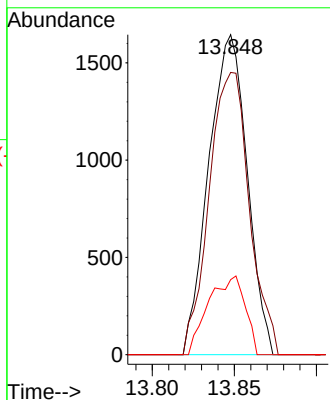
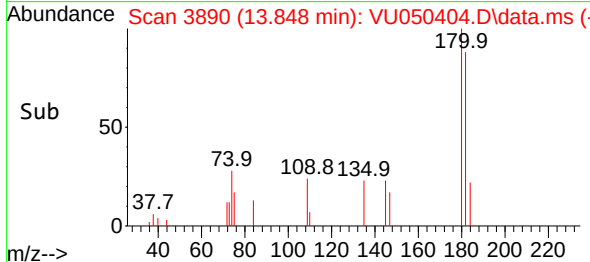
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2022



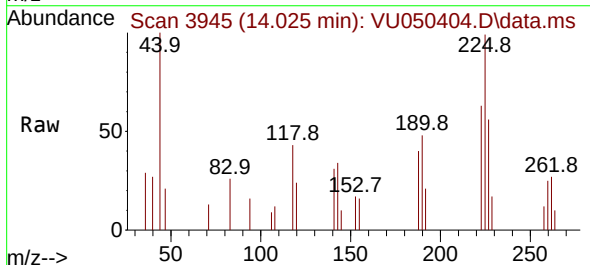
Tgt Ion:180 Resp: 2680
Ion Ratio Lower Upper
180 100
182 92.2 77.0 115.6
145 23.4 25.7 38.5

Manual Integrations
APPROVED

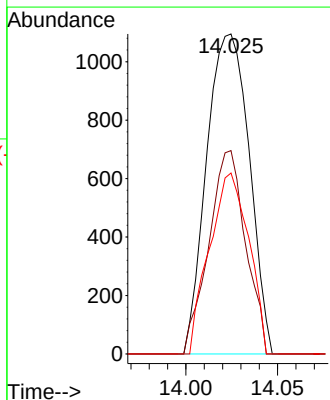
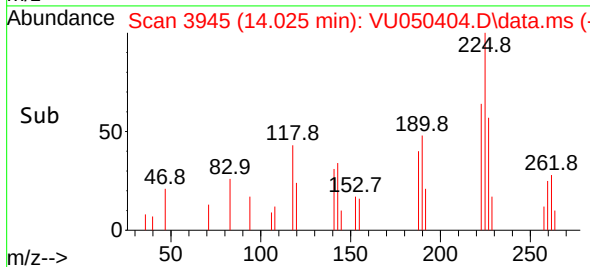
Reviewed By :Krupa Patel 08/27/2022
Supervised By :Mahesh Dadoda 09/12/2022

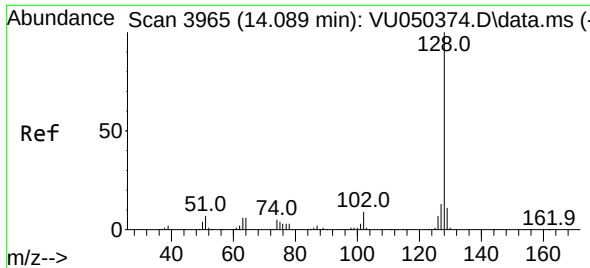


#88
Hexachlorobutadiene
Concen: 0.234 ug/l
RT: 14.025 min Scan# 3945
Delta R.T. 0.003 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29



Tgt Ion:225 Resp: 1771
Ion Ratio Lower Upper
225 100
223 54.9 50.6 76.0
227 52.2 50.7 76.1





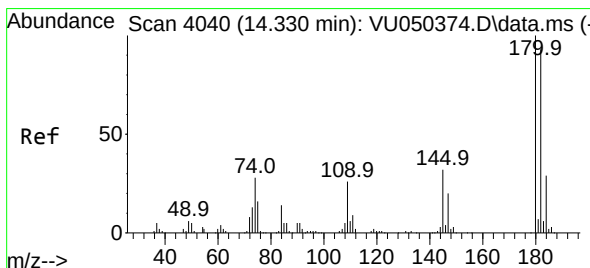
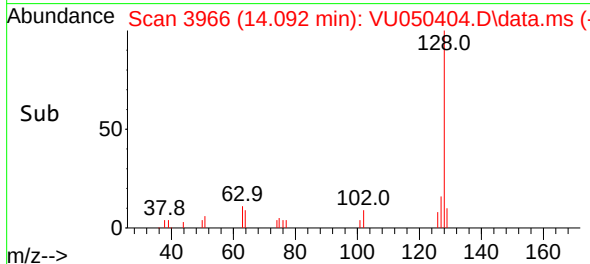
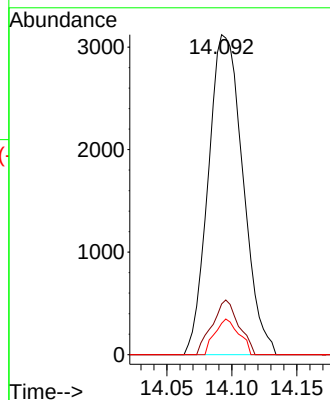
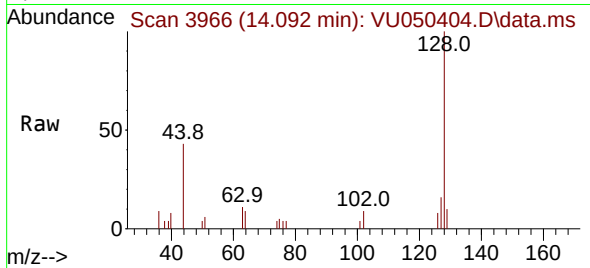
#89
Naphthalene
Concen: 0.226 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

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

Tgt Ion:128 Resp: 578
Ion Ratio Lower Upper
128 100
127 13.1 10.1 15.1
129 7.7 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: 0.233 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU050404.D
Acq: 22 Aug 2022 18:29

Tgt Ion:180 Resp: 2853
Ion Ratio Lower Upper
180 100
182 98.2 76.6 114.8
145 30.1 27.3 40.9

