

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101822\
 Data File : VU051444.D
 Acq On : 18 Oct 2022 16:18
 Operator : JC/MD
 Sample : N4955-07 0.4PPB
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

Quant Time: Oct 19 03:57:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101722DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 19 03:54:58 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/25/2022
 Supervised By :Mahesh Dadoda 10/25/2022

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

Internal Standards						
1) Fluorobenzene	6.112	96	44087	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	12844	0.831	ug/l	0.00
Spiked Amount 1.000			Recovery	=	83.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	14582	0.844	ug/l	0.00
Spiked Amount 1.000			Recovery	=	84.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	5857m	0.380	ug/l	
3) Chloromethane	1.533	50	10375	0.428	ug/l	92
4) Vinyl Chloride	1.604	62	7664	0.365	ug/l	93
5) Bromomethane	1.855	94	5328	0.455	ug/l	94
6) Chloroethane	1.932	64	5705	0.477	ug/l	99
7) Trichlorofluoromethane	2.137	101	8623	0.368	ug/l	95
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	5044	0.390	ug/l	92
9) 1,1-Dichloroethene	2.578	96	5031	0.372	ug/l	95
10) Iodomethane	2.719	142	6482	0.370	ug/l	99
11) Allyl Chloride	2.919	41	9044	0.438	ug/l	95
12) Acrylonitrile	3.317	53	3324	0.835	ug/l	90
13) Acetone	2.629	43	6274	2.188	ug/l	90
14) Carbon Disulfide	2.790	76	18593	0.386	ug/l	100
15) Methylene Chloride	3.041	84	18341	0.926	ug/l	92
16) trans-1,2-Dichloroethene	3.350	96	5870	0.378	ug/l	93
17) 1,1-Dichloroethane	3.867	63	10587	0.380	ug/l	95
18) 2-Butanone	4.729	43	5716m	1.643	ug/l	
19) Cyclohexane	5.385	56	4832m	0.280	ug/l	
20) Methylcyclohexane	6.758	83	4564	0.266	ug/l	89
21) 2,2-Dichloropropane	4.658	77	7273	0.373	ug/l	95
22) cis-1,2-Dichloroethene	4.665	96	4989	0.340	ug/l	92
23) Diethyl Ether	2.379	59	4397	0.372	ug/l	97
24) tert-Butyl Alcohol	3.195	59	5490	4.431	ug/l	97
25) Methyl tert-Butyl Ether	3.369	73	13912	0.395	ug/l	# 86
26) Bromochloromethane	4.973	128	2823	0.395	ug/l	96
27) Chloroform	5.089	83	10720	0.379	ug/l	87
28) 1,1,1-Trichloroethane	5.311	97	8174	0.363	ug/l	99
29) 1,1-Dichloropropene	5.530	75	5477	0.317	ug/l	93
30) Carbon Tetrachloride	5.520	117	7099m	0.373	ug/l	
31) Isopropyl Ether	3.996	45	11761	0.356	ug/l	95
32) Ethyl-t-butyl ether	4.520	59	9541m	0.317	ug/l	
33) Tert-Amyl methyl ether	5.948	73	7728	0.292	ug/l	# 97
34) Propionitrile	4.793	54	1654	1.414	ug/l	# 89
35) Benzene	5.771	78	20145	0.348	ug/l	99
36) 1,2-Dichloroethane	5.796	62	6689	0.374	ug/l	# 93
37) Trichloroethene	6.542	130	4892	0.360	ug/l	90
38) 1,2-Dichloropropane	6.793	63	5110	0.321	ug/l	95
39) Methacrylonitrile	4.996	41	1146m	0.287	ug/l	
40) Methyl acrylate	4.864	55	2043m	0.321	ug/l	
41) Tetrahydrofuran	5.079	42	1533m	0.730	ug/l	
42) 1-Chlorobutane	5.462	56	7477	0.317	ug/l	69
43) Dibromomethane	6.919	93	2994	0.363	ug/l	96
44) Bromodichloromethane	7.108	83	7241	0.363	ug/l	99

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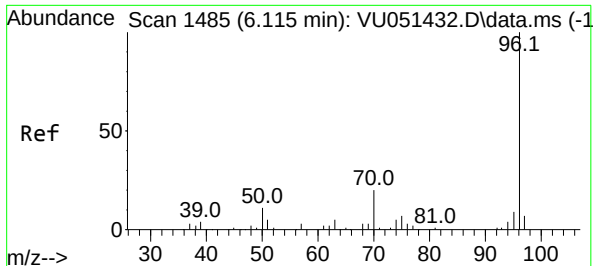
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.793	43	10941	1.393	ug/l	91
46) t-1,4-Dichloro-2-butene	10.825	75	3694m	0.843	ug/l	
47) Methyl methacrylate	6.970	69	3503	0.555	ug/l #	93
48) Ethyl methacrylate	8.337	69	2837	0.268	ug/l	97
49) Toluene	7.967	92	8986	0.283	ug/l	97
50) t-1,3-Dichloropropene	8.211	75	5061	0.315	ug/l	92
51) cis-1,3-Dichloropropene	7.610	75	6176	0.326	ug/l #	93
52) 1,1,2-Trichloroethane	8.401	97	4438	0.377	ug/l	95
53) 1,3-Dichloropropane	8.578	76	6124	0.323	ug/l	96
54) 2-Hexanone	8.690	43	6809	1.261	ug/l	93
55) Dibromochloromethane	8.809	129	4582	0.358	ug/l	99
56) 1,2-Dibromoethane	8.925	107	3404	0.329	ug/l	92
58) Tetrachloroethene	8.552	164	4235	0.357	ug/l	95
59) Chlorobenzene	9.449	112	10791	0.309	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.533	131	4988	0.373	ug/l	96
61) Pentachloroethane	11.426	117	4364	0.366	ug/l	99
62) Hexachloroethane	12.475	117	4060	0.359	ug/l	97
63) Ethyl Benzene	9.568	91	13295	0.251	ug/l	98
64) m/p-Xylenes	9.690	106	9715	0.461	ug/l	98
65) o-Xylene	10.102	106	5312	0.259	ug/l	91
66) Styrene	10.115	104	7130	0.210	ug/l	96
67) Bromoform	10.288	173	2545	0.354	ug/l	89
69) Isopropylbenzene	10.481	105	12328	0.244	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.780	83	5498	0.345	ug/l	97
71) 1,2,3-Trichloropropane	10.825	75	4738m	0.400	ug/l	
72) Bromobenzene	10.783	156	3874	0.279	ug/l	98
73) n-propylbenzene	10.902	120	3110	0.219	ug/l	99
74) 2-Chlorotoluene	10.983	126	3535	0.262	ug/l	89
75) 1,3,5-Trimethylbenzene	11.086	105	10082	0.220	ug/l	100
76) 4-Chlorotoluene	11.099	126	3282	0.238	ug/l	80
77) tert-Butylbenzene	11.420	119	11431	0.256	ug/l	92
78) 1,2,4-Trimethylbenzene	11.468	105	9629	0.202	ug/l	100
79) sec-Butylbenzene	11.642	105	12571	0.212	ug/l	97
80) Nitrobenzene	13.217	77	1279	1.621	ug/l #	79
81) p-Isopropyltoluene	11.793	119	9505	0.201	ug/l	98
82) 1,3-Dichlorobenzene	11.748	146	7949	0.267	ug/l	95
83) 1,4-Dichlorobenzene	11.835	146	7688	0.264	ug/l	96
84) n-Butylbenzene	12.208	91	9794	0.209	ug/l	96
85) 1,2-Dichlorobenzene	12.211	146	7721	0.263	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.996	75	728	0.292	ug/l	94
87) 1,2,4-Trichlorobenzene	13.844	180	3902	0.245	ug/l	97
88) Hexachlorobutadiene	14.018	225	3384	0.326	ug/l	94
89) Naphthalene	14.092	128	7444	0.224	ug/l	99
90) 1,2,3-Trichlorobenzene	14.333	180	4487	0.258	ug/l	94

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



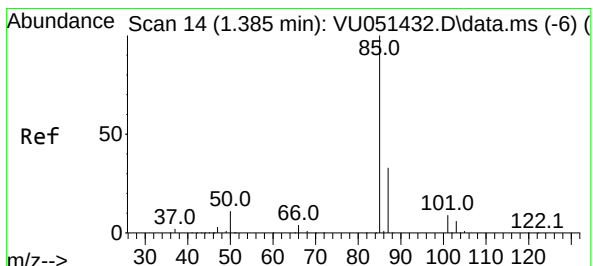
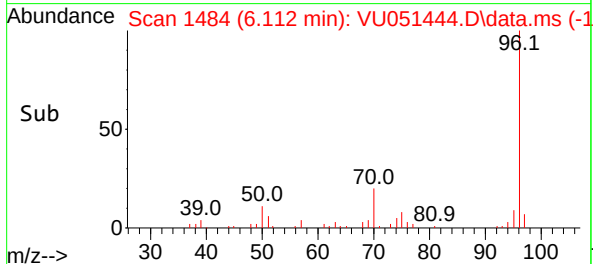
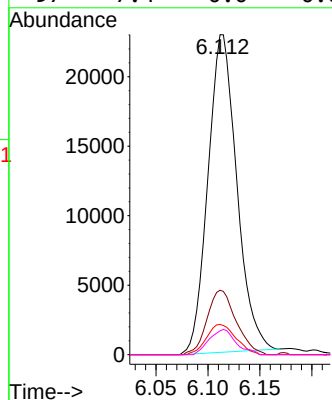
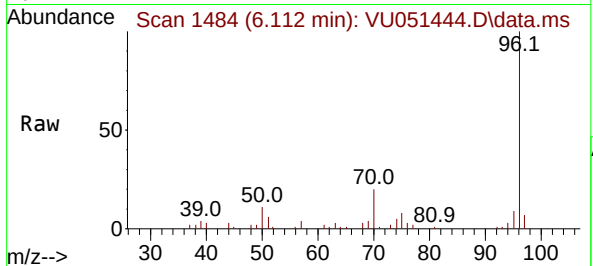
#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 96 Resp: 4408
Ion Ratio Lower Upper
96 100
70 20.4 16.7 25.1
95 9.7 7.5 11.3
97 7.4 0.0 0.0#

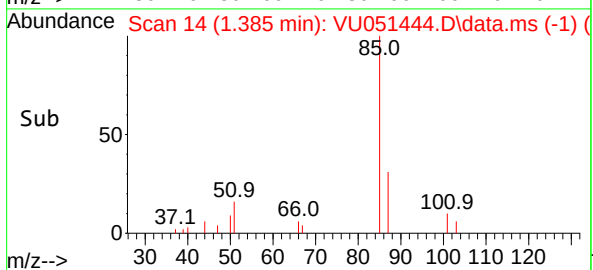
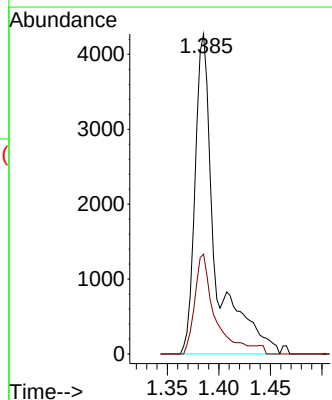
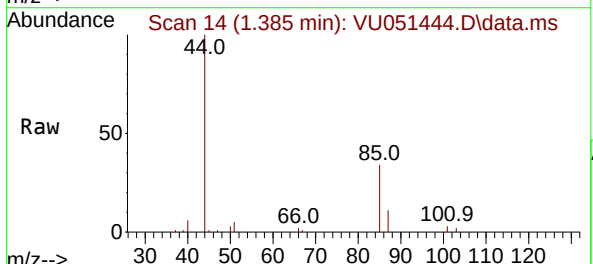
Manual Integrations
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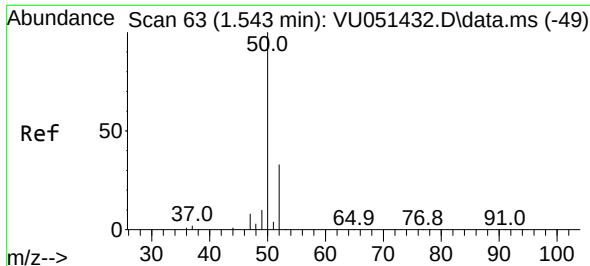
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#2
Dichlorodifluoromethane
Concen: 0.380 ug/l m
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

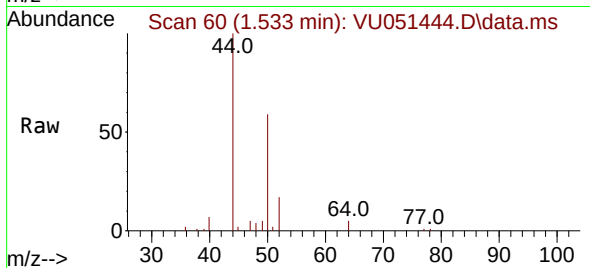
Tgt Ion: 85 Resp: 5857
Ion Ratio Lower Upper
85 100
87 31.2 16.4 49.4





#3
Chloromethane
Concen: 0.428 ug/l
RT: 1.533 min Scan# 60
Delta R.T. -0.010 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

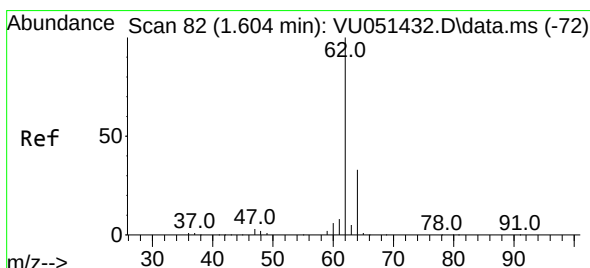
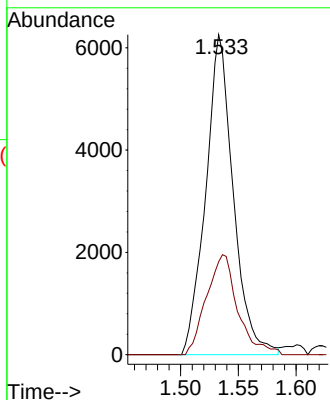
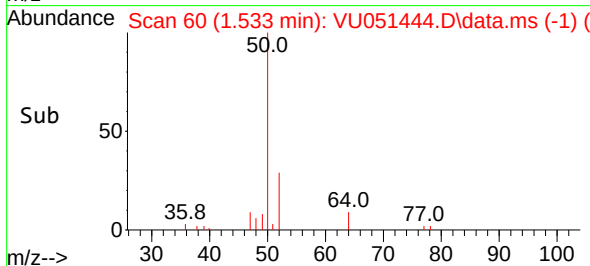
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 50 Resp: 10375
Ion Ratio Lower Upper
50 100
52 29.0 26.7 40.1

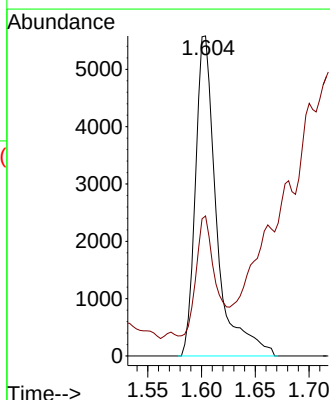
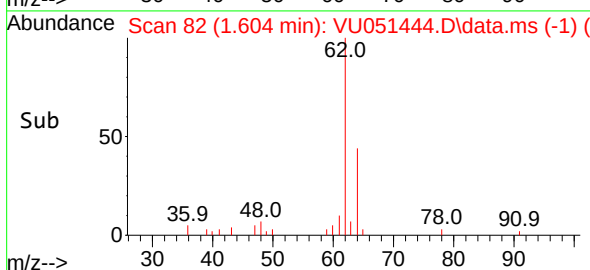
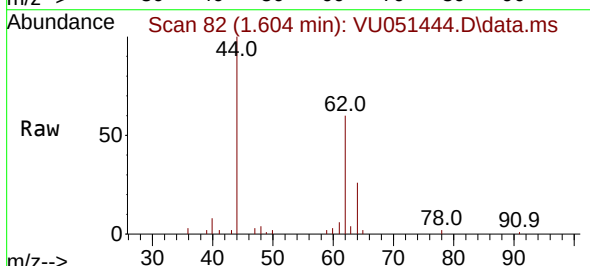
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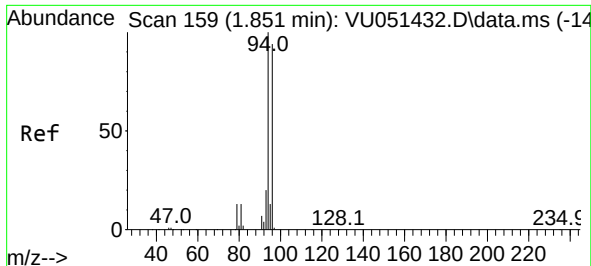
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#4
Vinyl Chloride
Concen: 0.365 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

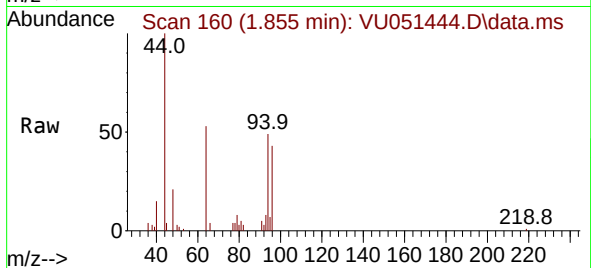
Tgt Ion: 62 Resp: 7664
Ion Ratio Lower Upper
62 100
64 37.5 26.7 40.1





#5
Bromomethane
Concen: 0.455 ug/l
RT: 1.855 min Scan# 159
Delta R.T. 0.003 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

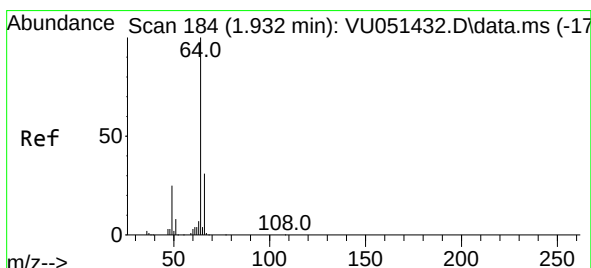
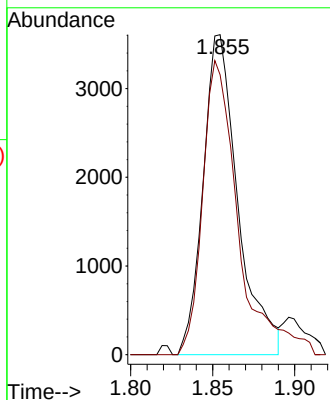
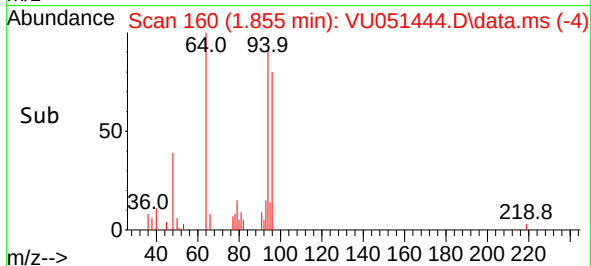
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 94 Resp: 5328
Ion Ratio Lower Upper
94 100
96 87.4 74.8 112.2

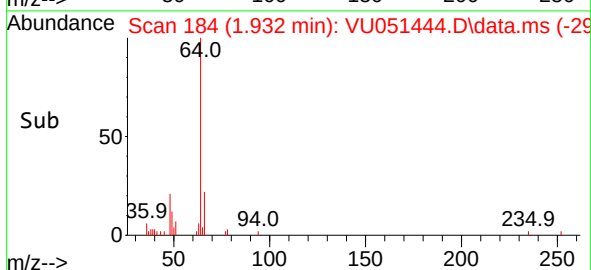
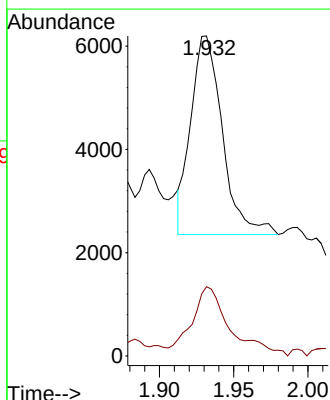
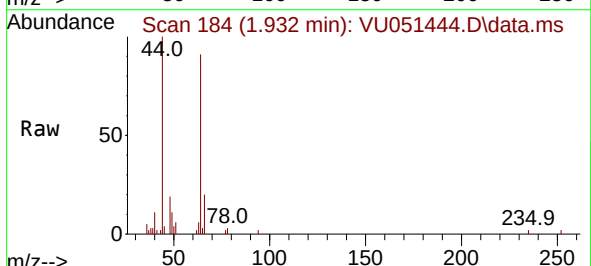
Manual Integrations
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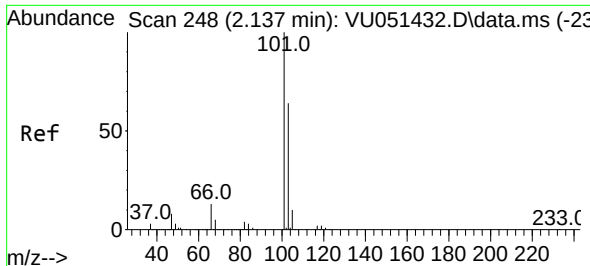
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#6
Chloroethane
Concen: 0.477 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.000 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

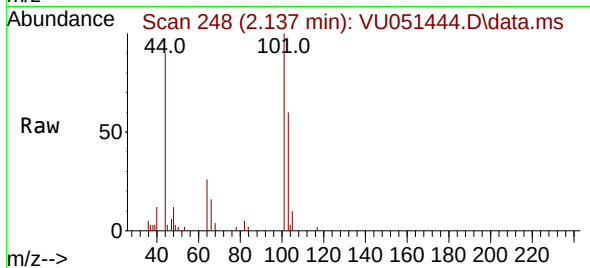
Tgt Ion: 64 Resp: 5705
Ion Ratio Lower Upper
64 100
66 32.0 25.2 37.8





#7
 Trichlorofluoromethane
 Concen: 0.368 ug/l
 RT: 2.137 min Scan# 248
 Delta R.T. -0.000 min
 Lab File: VU051444.D
 Acq: 18 Oct 2022 16:18

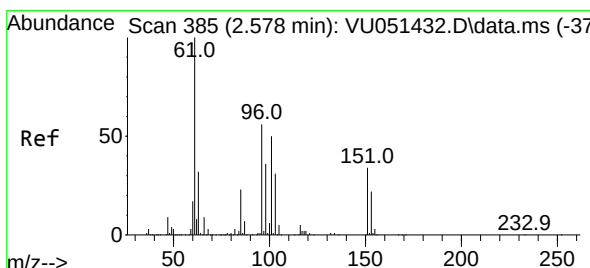
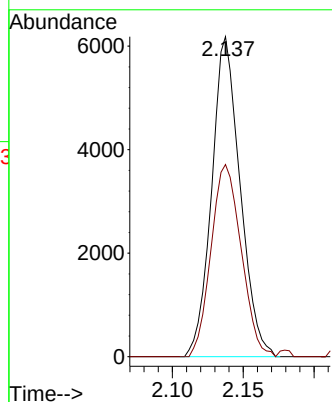
Instrument : MSVOA_U
 ClientSampleId : LOD-MDL-WATER-01-QT4-2022



Tgt Ion:101 Resp: 862
 Ion Ratio Lower Upper
 101 100
 103 60.0 51.4 77.2

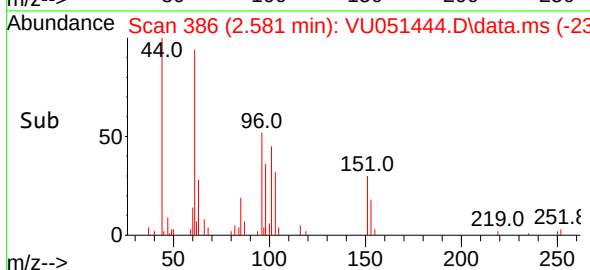
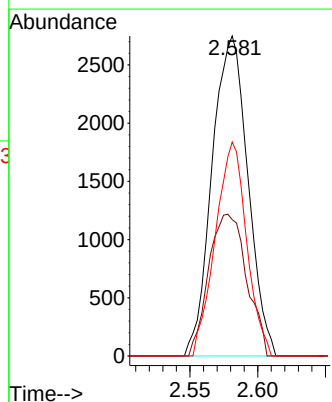
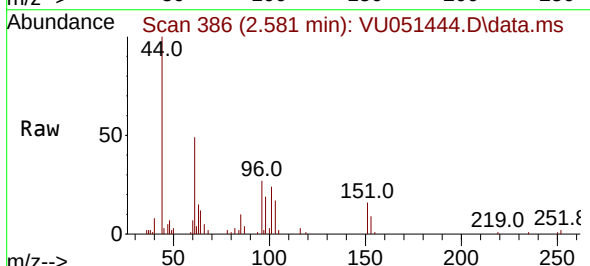
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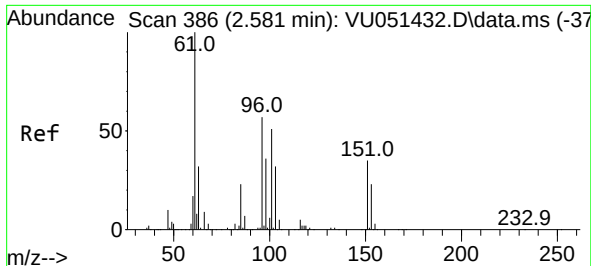
Reviewed By :Krupa Patel 10/25/2022
 Supervised By :Mahesh Dadoda 10/25/2022



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.390 ug/l
 RT: 2.581 min Scan# 386
 Delta R.T. 0.003 min
 Lab File: VU051444.D
 Acq: 18 Oct 2022 16:18

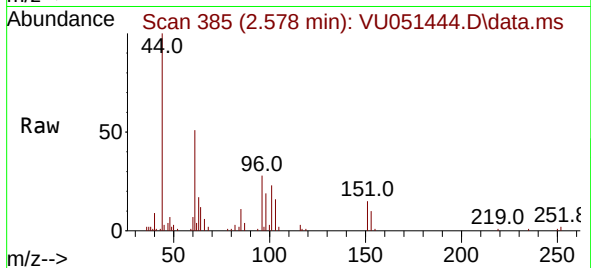
Tgt Ion:101 Resp: 5044
 Ion Ratio Lower Upper
 101 100
 85 47.1 36.6 54.8
 151 58.5 54.6 81.8





#9
 1,1-Dichloroethene
 Concen: 0.372 ug/l
 RT: 2.578 min Scan# 385
 Delta R.T. -0.003 min
 Lab File: VU051444.D
 Acq: 18 Oct 2022 16:18

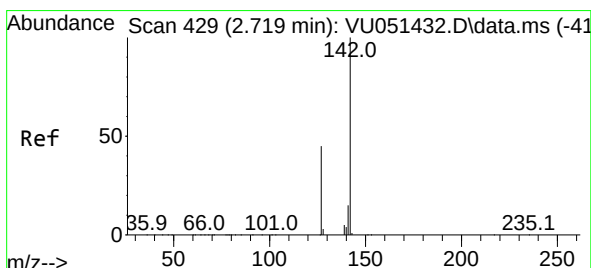
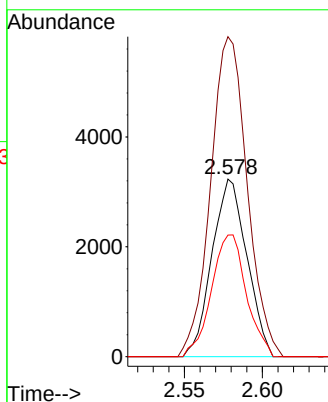
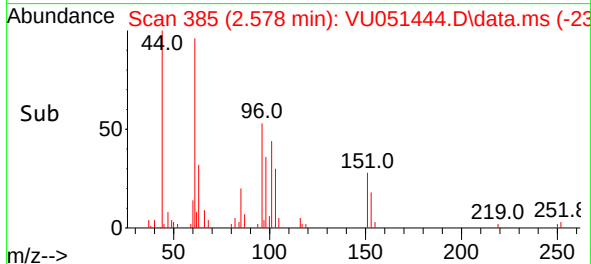
Instrument : MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 96 Resp: 503
 Ion Ratio Lower Upper
 96 100
 61 180.1 0.0 522.3
 98 68.5 0.0 126.6

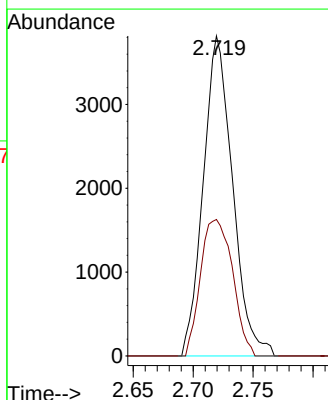
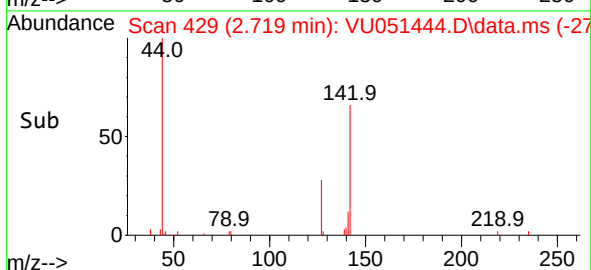
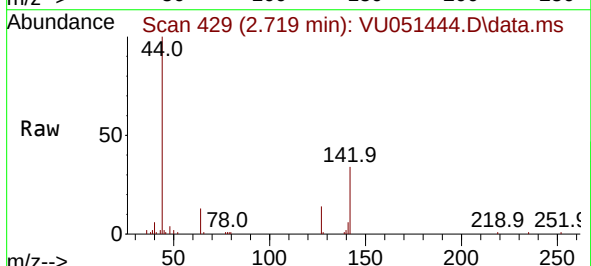
Manual Integrations
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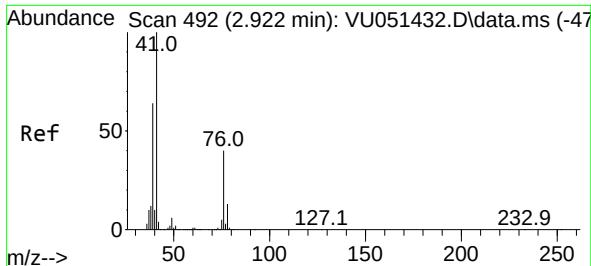
Reviewed By :Krupa Patel 10/25/2022
 Supervised By :Mahesh Dadoda 10/25/2022



#10
 Iodomethane
 Concen: 0.370 ug/l
 RT: 2.719 min Scan# 429
 Delta R.T. 0.000 min
 Lab File: VU051444.D
 Acq: 18 Oct 2022 16:18

Tgt Ion:142 Resp: 6482
 Ion Ratio Lower Upper
 142 100
 127 46.6 37.0 55.4





#11

Allyl Chloride

Concen: 0.438 ug/l

RT: 2.919 min Scan# 491

Delta R.T. -0.003 min

Lab File: VU051444.D

Acq: 18 Oct 2022 16:18

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 41 Resp: 904

Ion Ratio Lower Upper

41 100

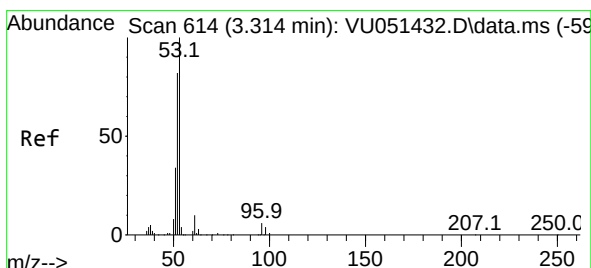
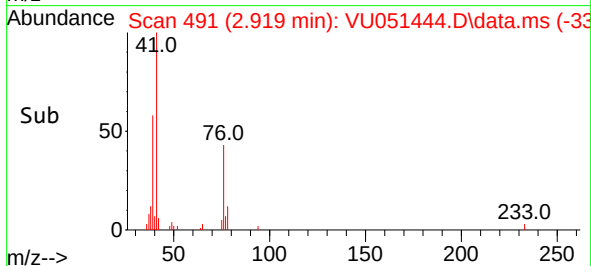
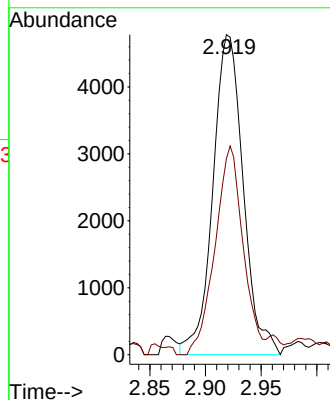
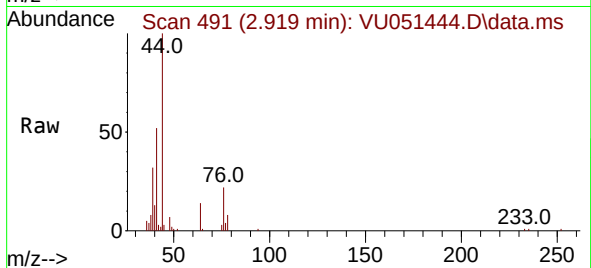
39 60.6 51.4 77.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/25/2022

Supervised By :Mahesh Dadoda 10/25/2022



#12

Acrylonitrile

Concen: 0.835 ug/l

RT: 3.317 min Scan# 615

Delta R.T. 0.003 min

Lab File: VU051444.D

Acq: 18 Oct 2022 16:18

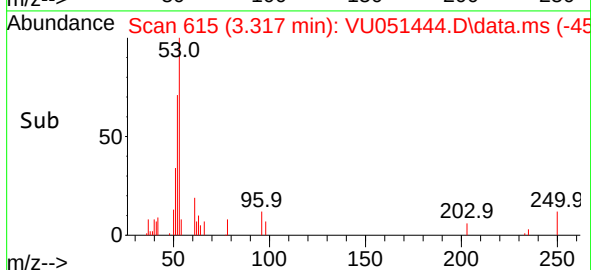
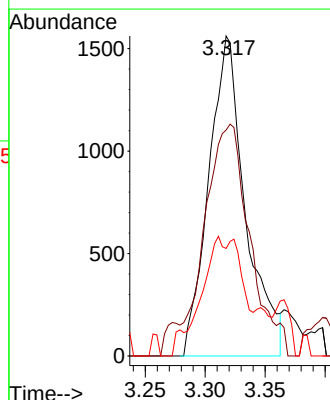
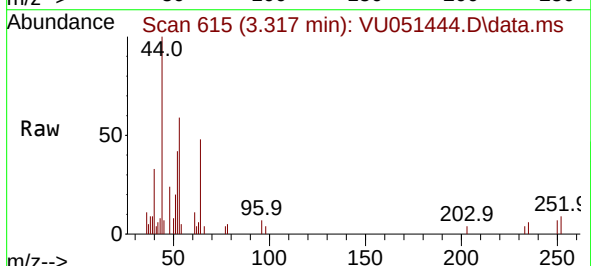
Tgt Ion: 53 Resp: 3324

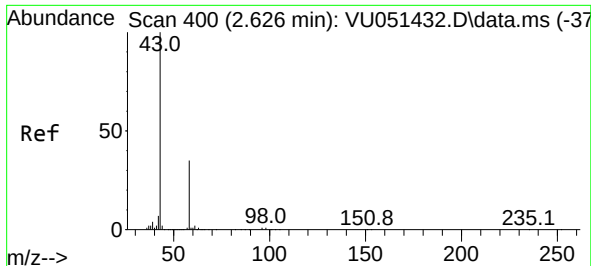
Ion Ratio Lower Upper

53 100

52 87.8 63.9 95.9

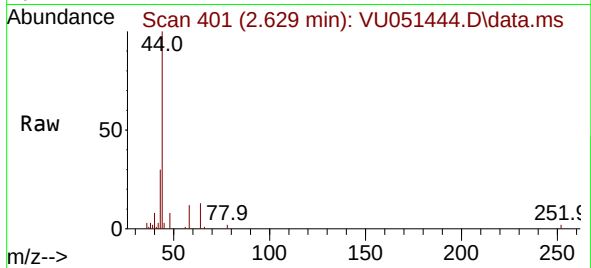
51 26.0 25.9 38.9





#13
Acetone
Concen: 2.188 ug/l
RT: 2.629 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

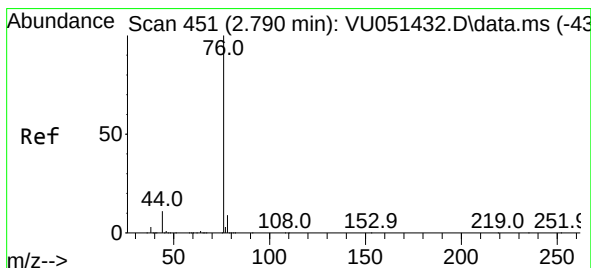
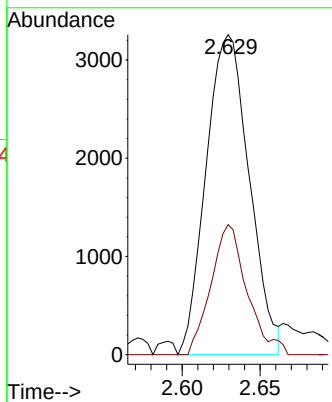
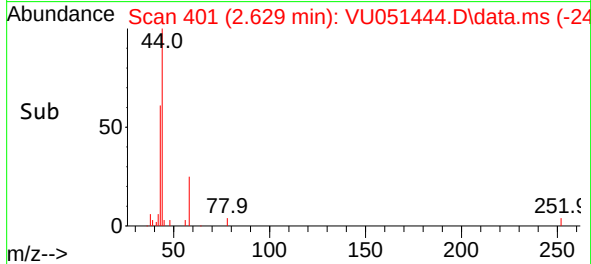
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 43 Resp: 6274
Ion Ratio Lower Upper
43 100
58 40.6 27.9 41.9

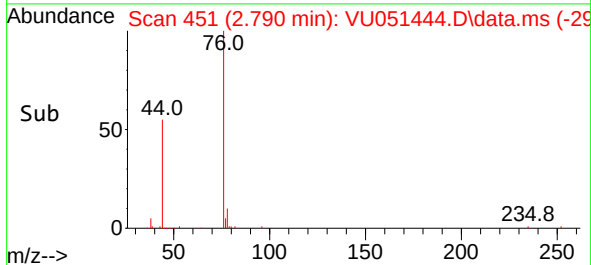
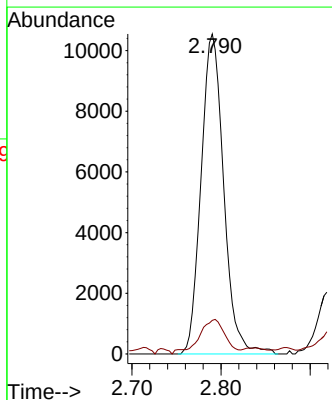
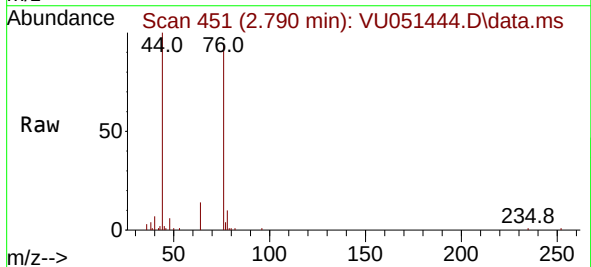
Manual Integrations
APPROVED

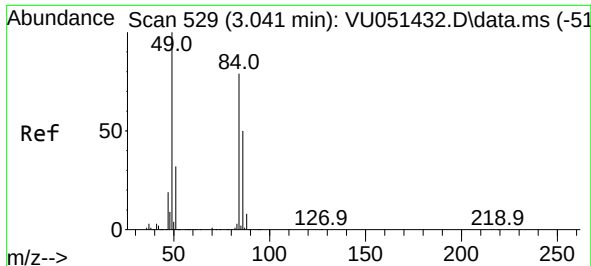
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#14
Carbon Disulfide
Concen: 0.386 ug/l
RT: 2.790 min Scan# 451
Delta R.T. -0.000 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

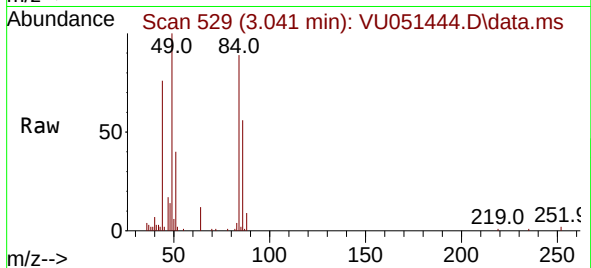
Tgt Ion: 76 Resp: 18593
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8





#15
Methylene Chloride
Concen: 0.926 ug/l
RT: 3.041 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

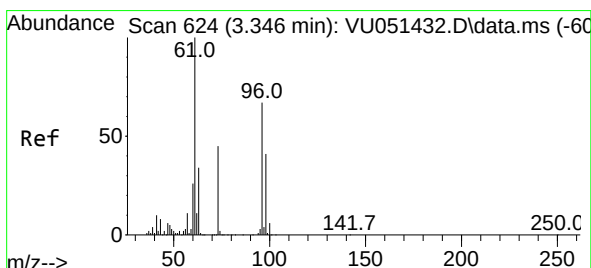
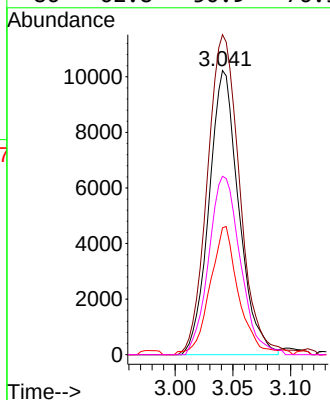
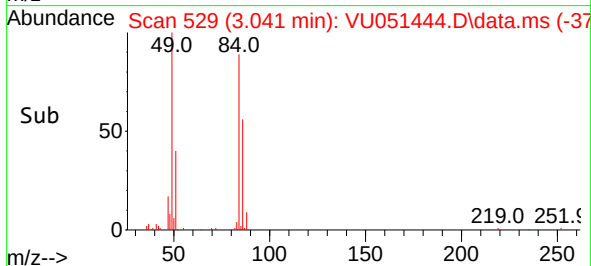
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion:	84	Resp:	1834
Ion	Ratio	Lower	Upper
84	100		
49	112.6	101.1	151.7
51	43.5	0.0	80.2
86	62.8	50.9	76.3

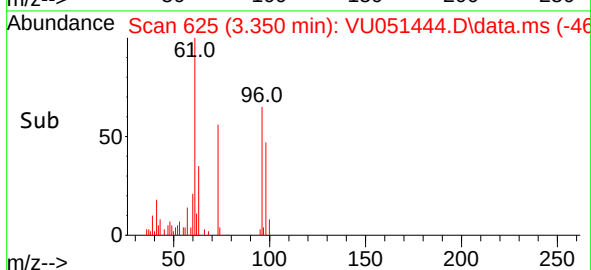
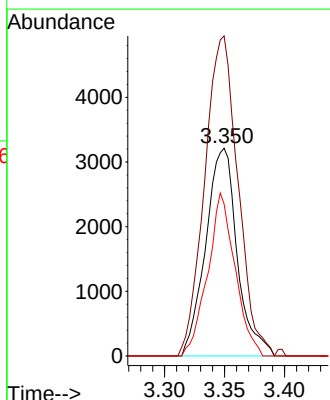
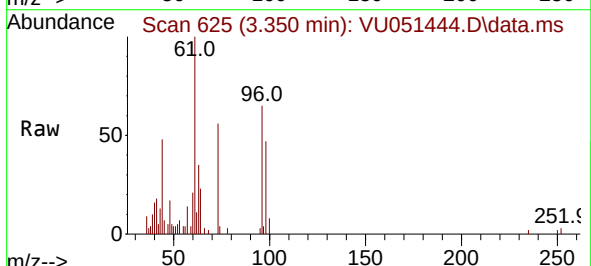
Manual Integrations
APPROVED

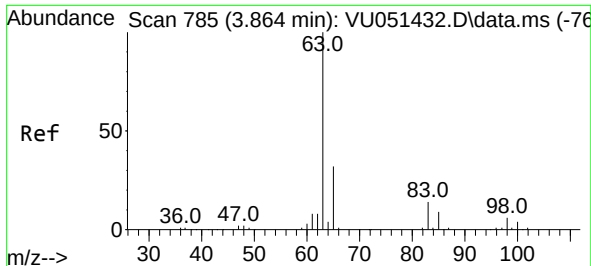
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#16
trans-1,2-Dichloroethene
Concen: 0.378 ug/l
RT: 3.350 min Scan# 625
Delta R.T. 0.003 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

Tgt Ion:	96	Resp:	5870
Ion	Ratio	Lower	Upper
96	100		
61	154.1	119.9	179.9
98	73.1	49.5	74.3





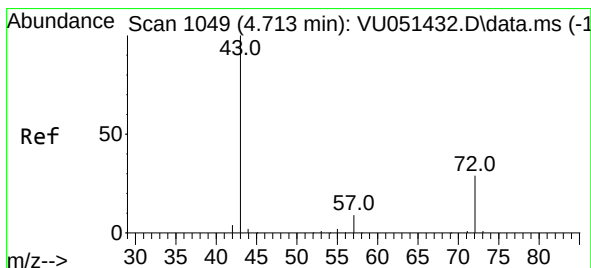
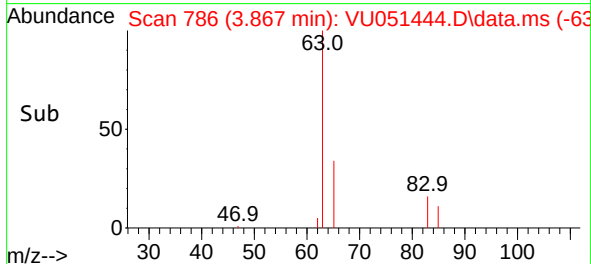
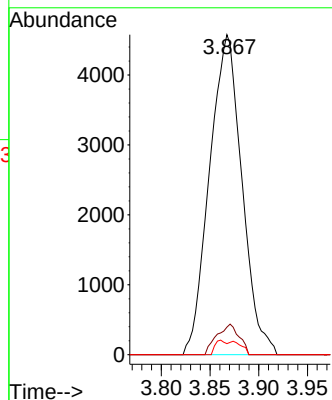
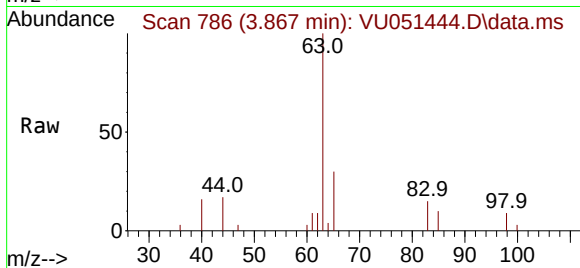
#17
1,1-Dichloroethane
Concen: 0.380 ug/l
RT: 3.867 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 63 Resp: 1058
Ion Ratio Lower Upper
63 100
98 8.6 3.1 9.3
100 3.5 2.1 6.3

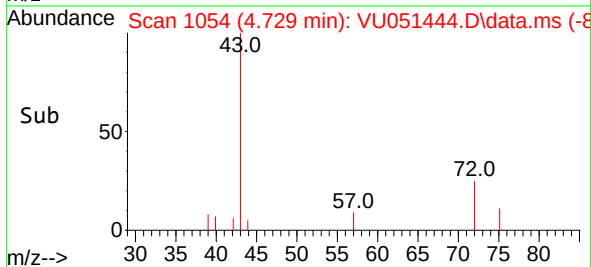
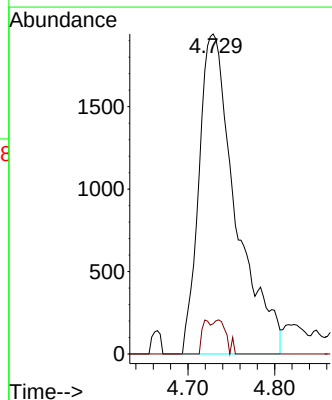
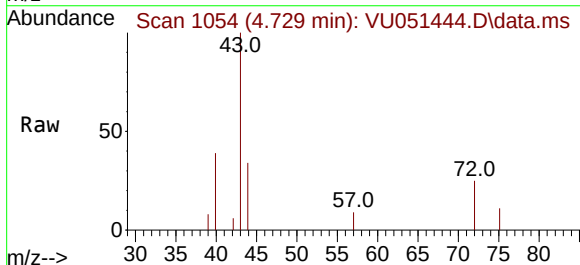
Manual Integrations
APPROVED

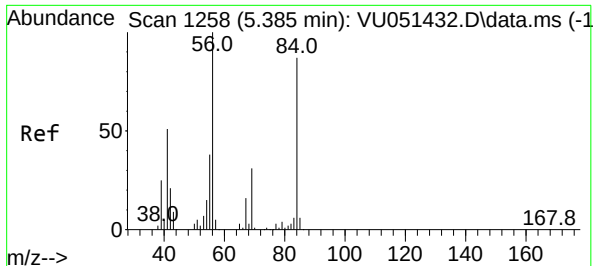
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#18
2-Butanone
Concen: 1.643 ug/l m
RT: 4.729 min Scan# 1054
Delta R.T. 0.016 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

Tgt Ion: 43 Resp: 5716
Ion Ratio Lower Upper
43 100
57 9.5 0.0 18.2





#19

Cyclohexane

Concen: 0.280 ug/l m

RT: 5.385 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051444.D

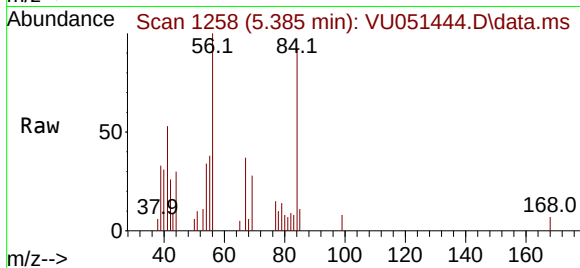
Acq: 18 Oct 2022 16:18

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022



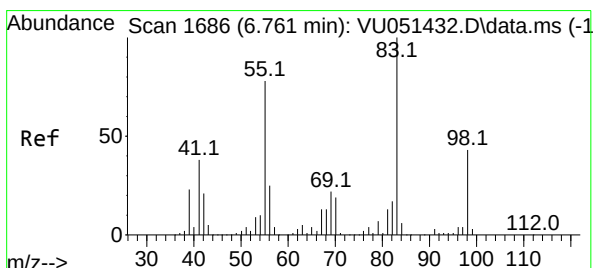
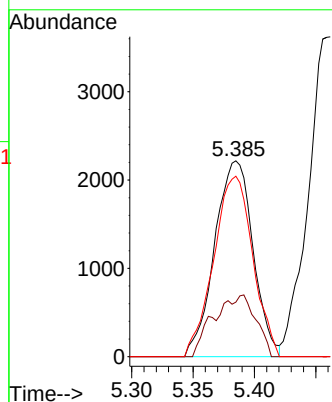
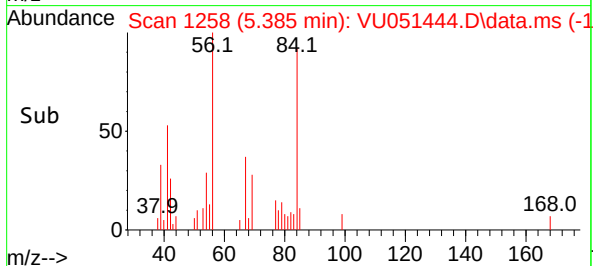
Tgt Ion:	56	Resp:	483
Ion Ratio	Lower	Upper	
56	100		
69	34.4	25.0	37.4
84	93.8	68.5	102.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/25/2022

Supervised By :Mahesh Dadoda 10/25/2022



#20

Methylcyclohexane

Concen: 0.266 ug/l

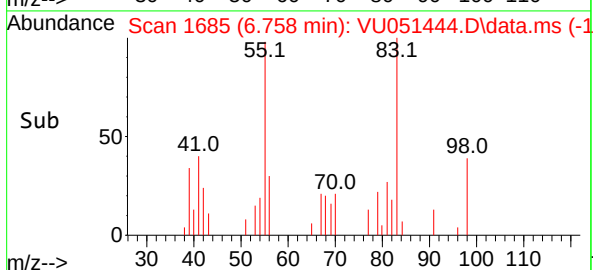
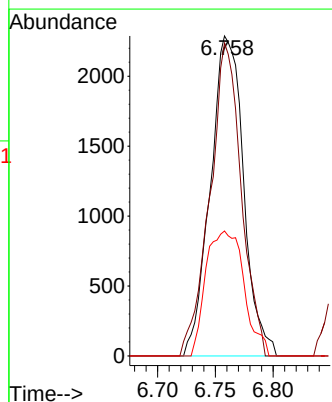
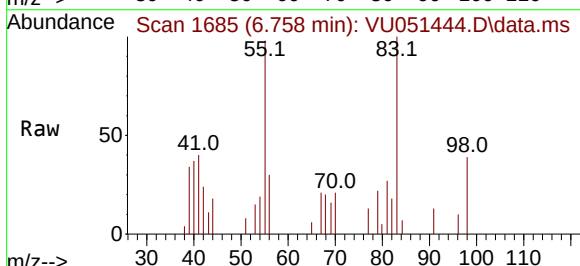
RT: 6.758 min Scan# 1685

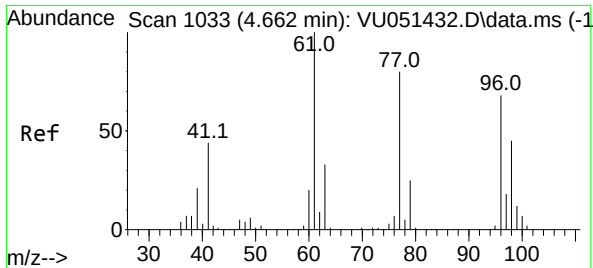
Delta R.T. -0.003 min

Lab File: VU051444.D

Acq: 18 Oct 2022 16:18

Tgt Ion:	83	Resp:	4564
Ion Ratio	Lower	Upper	
83	100		
55	92.3	62.4	93.6
98	44.8	35.5	53.3





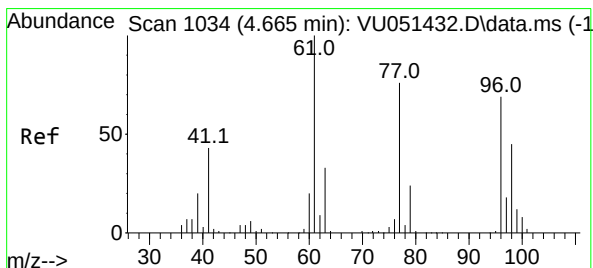
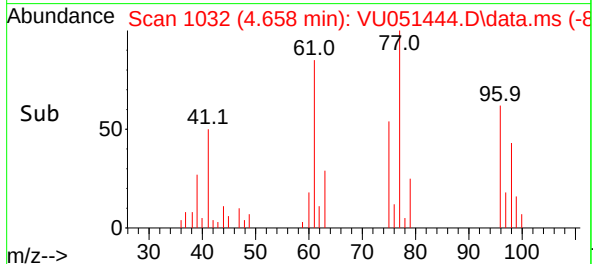
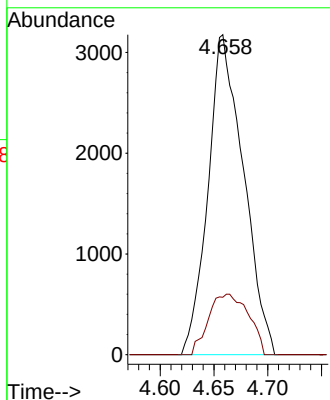
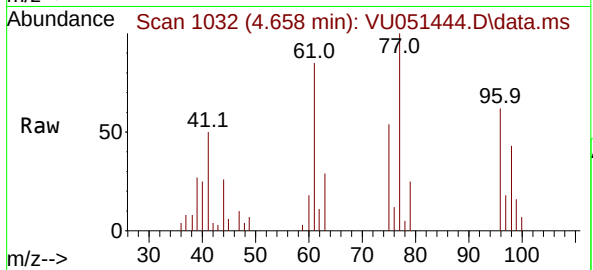
#21
2,2-Dichloropropane
Concen: 0.373 ug/l
RT: 4.658 min Scan# 1032
Delta R.T. -0.003 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 77 Resp: 727
Ion Ratio Lower Upper
77 100
97 21.4 19.0 28.6

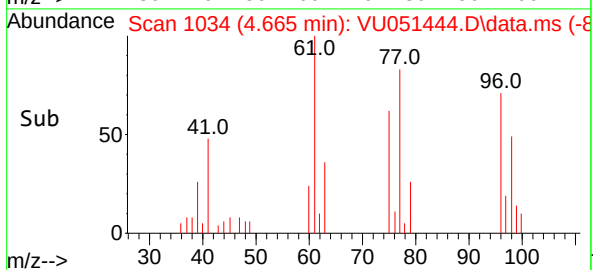
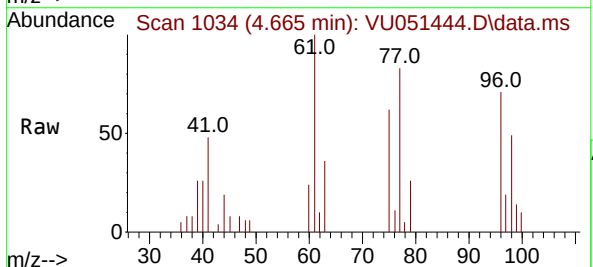
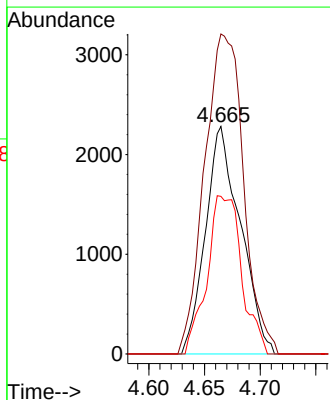
Manual Integrations
APPROVED

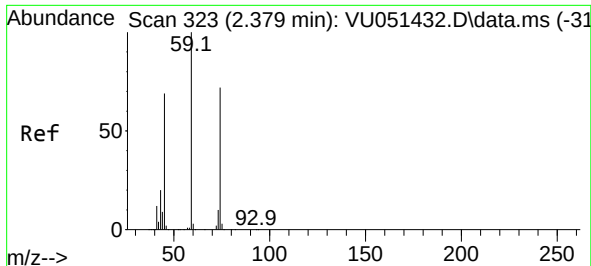
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#22
cis-1,2-Dichloroethene
Concen: 0.340 ug/l
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

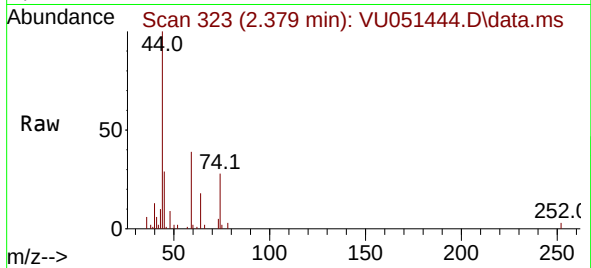
Tgt Ion: 96 Resp: 4989
Ion Ratio Lower Upper
96 100
61 156.6 0.0 362.8
98 68.5 32.5 97.5





#23
Diethyl Ether
Concen: 0.372 ug/l
RT: 2.379 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

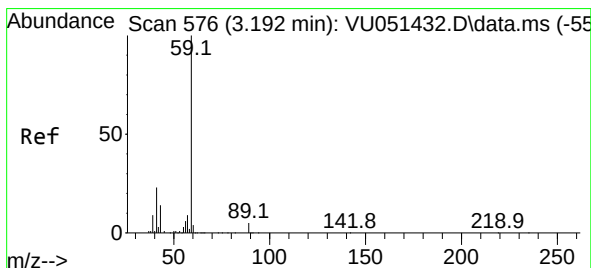
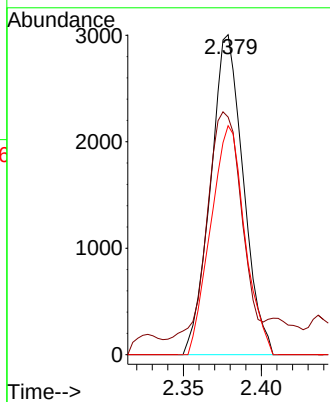
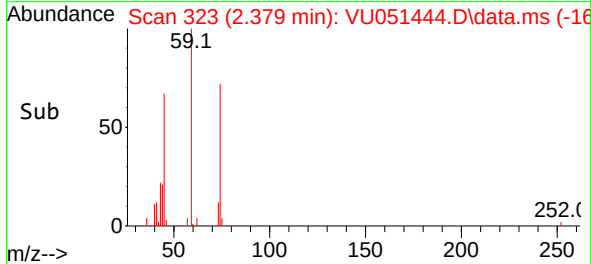
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



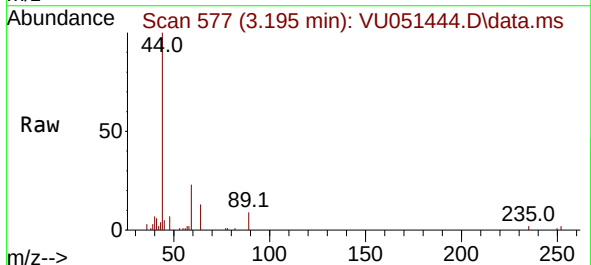
Tgt Ion: 59 Resp: 439
Ion Ratio Lower Upper
59 100
45 73.3 55.7 83.5
74 74.2 58.2 87.4

Manual Integrations
APPROVED

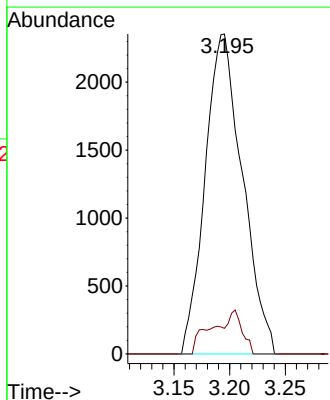
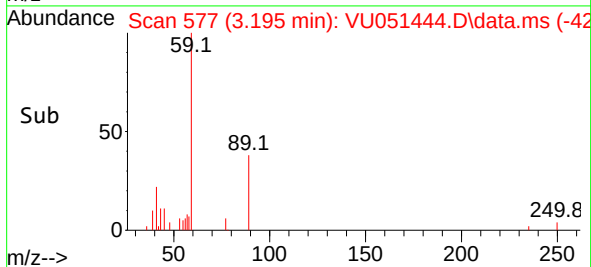
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022

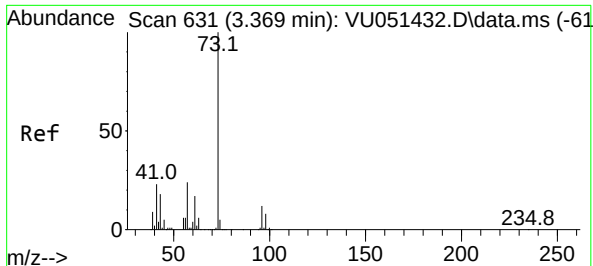


#24
tert-Butyl Alcohol
Concen: 4.431 ug/l
RT: 3.195 min Scan# 577
Delta R.T. 0.003 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18



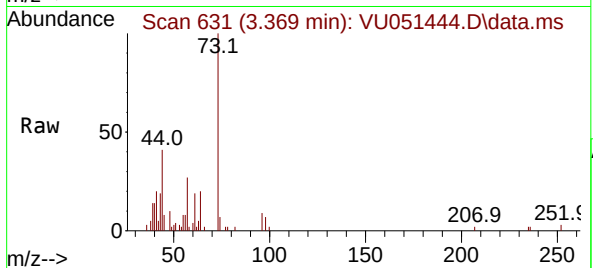
Tgt Ion: 59 Resp: 5490
Ion Ratio Lower Upper
59 100
57 10.9 7.8 11.8





#25
Methyl tert-Butyl Ether
Concen: 0.395 ug/l
RT: 3.369 min Scan# 631
Delta R.T. -0.000 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

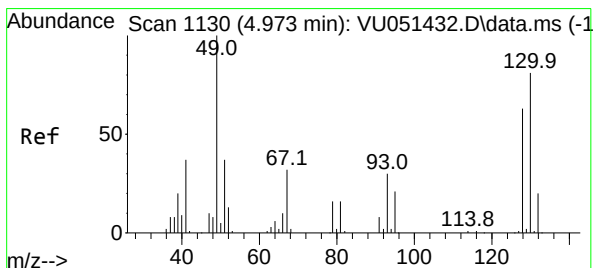
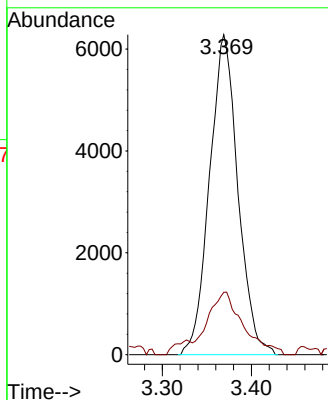
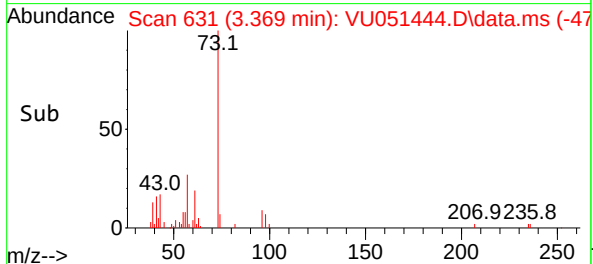
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



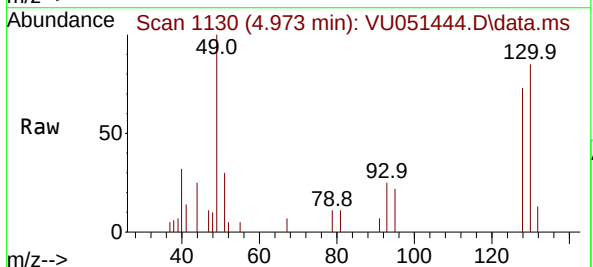
Tgt Ion: 73 Resp: 13912
Ion Ratio Lower Upper
73 100
43 24.1 14.2 21.4

Manual Integrations
APPROVED

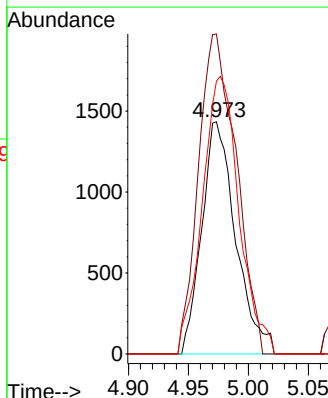
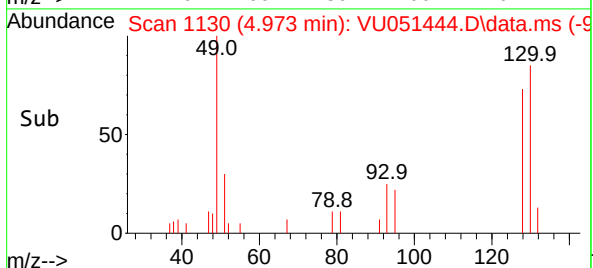
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022

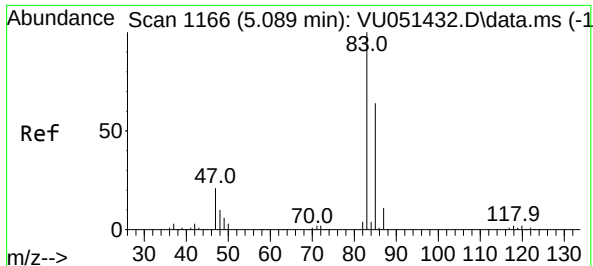


#26
Bromochloromethane
Concen: 0.395 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18



Tgt Ion:128 Resp: 2823
Ion Ratio Lower Upper
128 100
49 153.1 0.0 320.4
130 129.2 105.0 157.6





#27

Chloroform

Concen: 0.379 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU051444.D

Acq: 18 Oct 2022 16:18

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

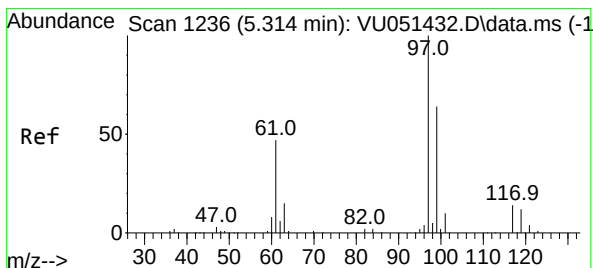
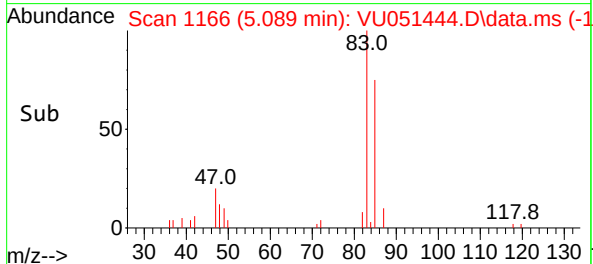
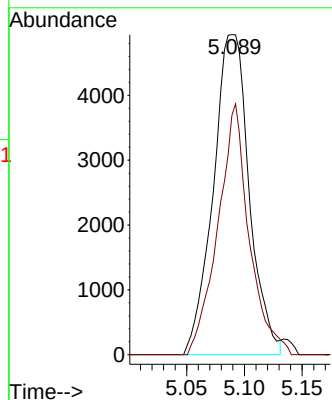
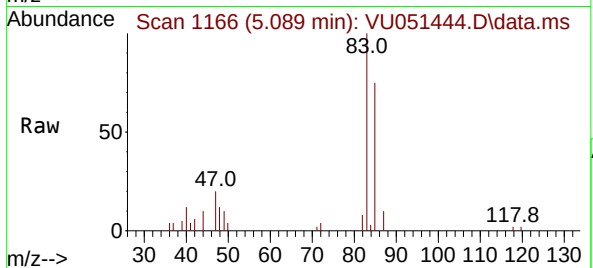
Tgt Ion: 83 Resp: 10720
 Ion Ratio Lower Upper
 83 100
 85 74.7 0.0 128.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/25/2022

Supervised By :Mahesh Dadoda 10/25/2022



#28

1,1,1-Trichloroethane

Concen: 0.363 ug/l

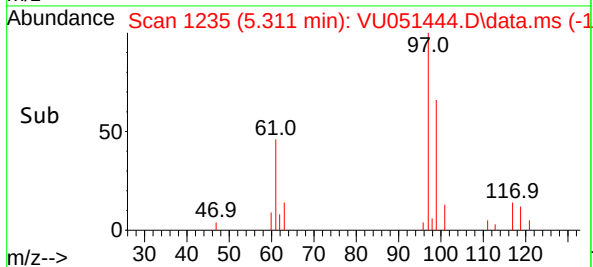
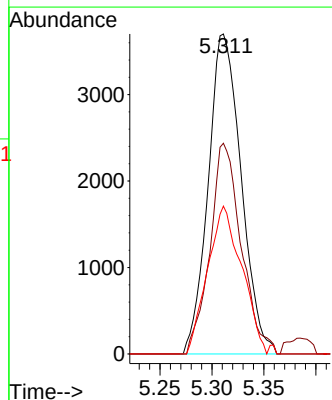
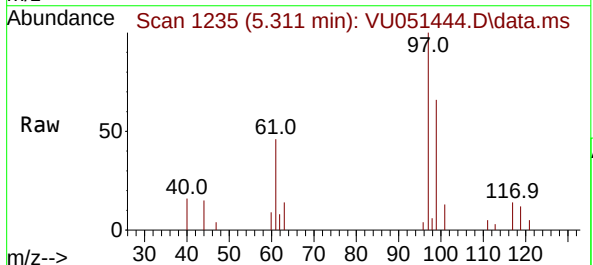
RT: 5.311 min Scan# 1235

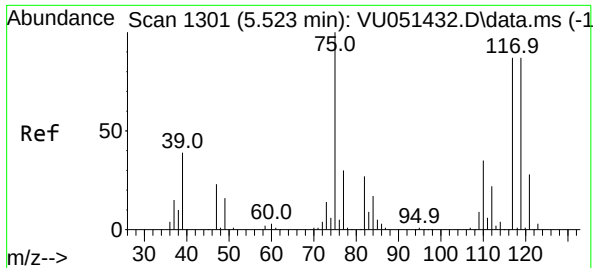
Delta R.T. -0.003 min

Lab File: VU051444.D

Acq: 18 Oct 2022 16:18

Tgt Ion: 97 Resp: 8174
 Ion Ratio Lower Upper
 97 100
 99 62.6 31.8 95.4
 61 47.9 23.6 71.0





#29

1,1-Dichloropropene

Concen: 0.317 ug/l

RT: 5.530 min Scan# 11

Delta R.T. 0.006 min

Lab File: VU051444.D

Acq: 18 Oct 2022 16:18

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

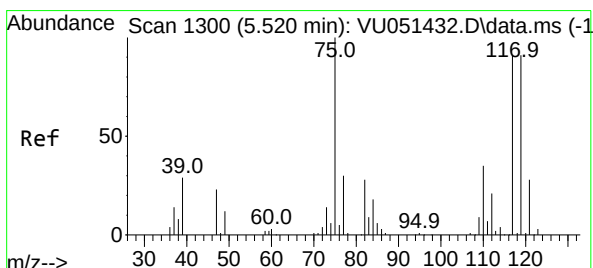
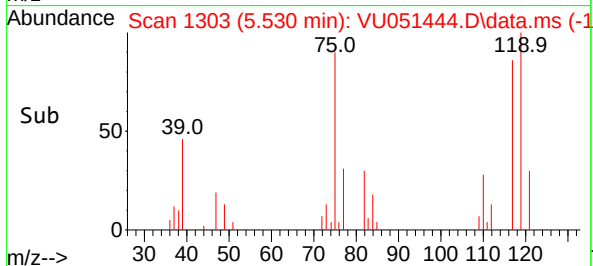
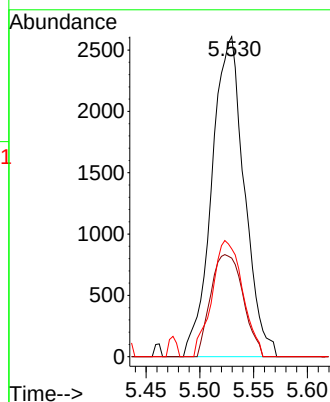
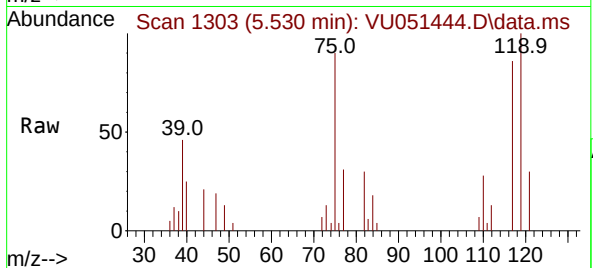
Tgt Ion: 75	Resp: 547
Ion Ratio	Lower Upper
75	100
110	31.8 17.8 53.3
77	34.3 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/25/2022

Supervised By :Mahesh Dadoda 10/25/2022



#30

Carbon Tetrachloride

Concen: 0.373 ug/l m

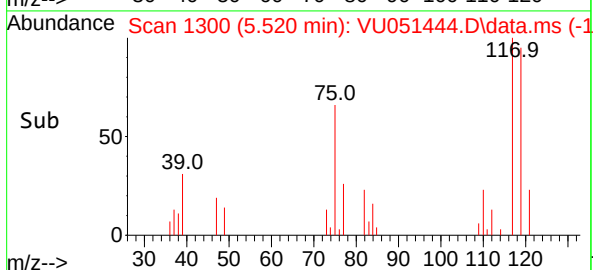
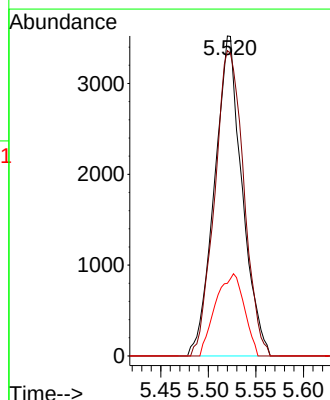
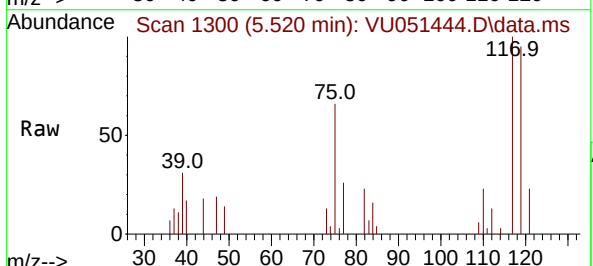
RT: 5.520 min Scan# 1300

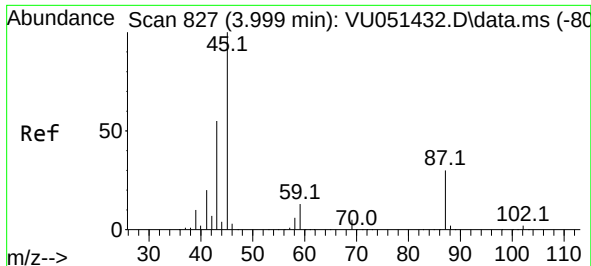
Delta R.T. -0.000 min

Lab File: VU051444.D

Acq: 18 Oct 2022 16:18

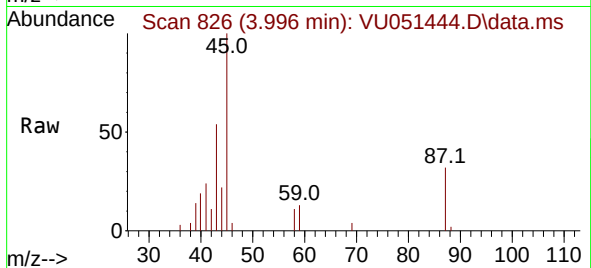
Tgt Ion:117	Resp: 7099
Ion Ratio	Lower Upper
117	100
119	95.4 80.0 120.0
121	22.7 24.9 37.3#





#31
Isopropyl Ether
Concen: 0.356 ug/l
RT: 3.996 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

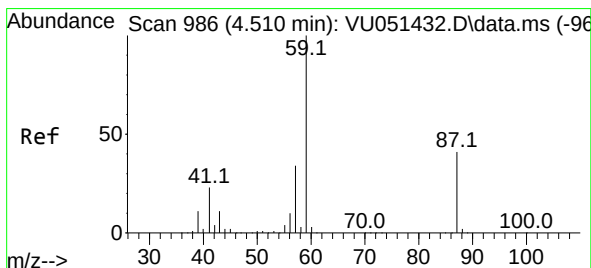
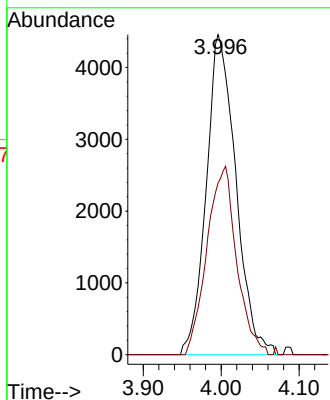
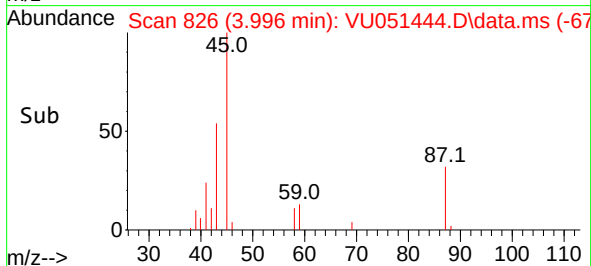
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



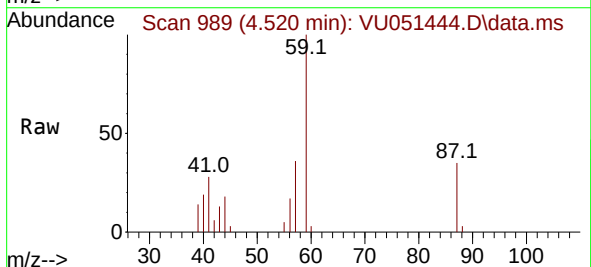
Tgt Ion: 45 Resp: 1176
Ion Ratio Lower Upper
45 100
43 59.0 27.6 82.7

Manual Integrations
APPROVED

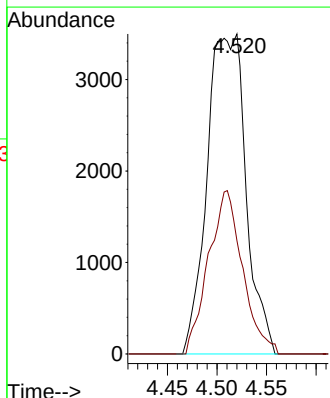
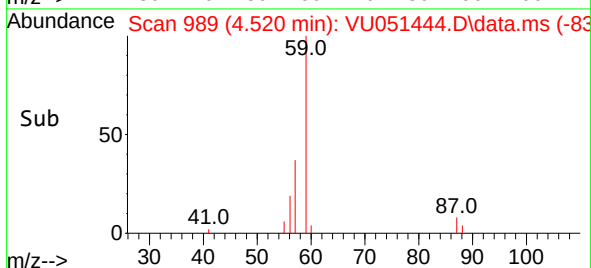
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022

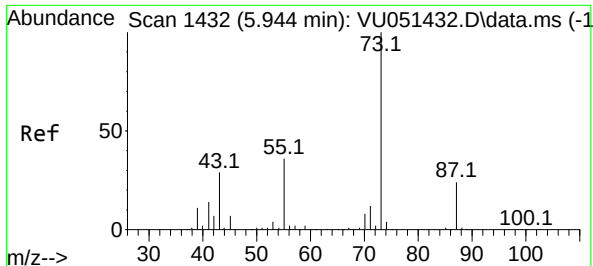


#32
Ethyl-t-butyl ether
Concen: 0.317 ug/l m
RT: 4.520 min Scan# 989
Delta R.T. 0.010 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18



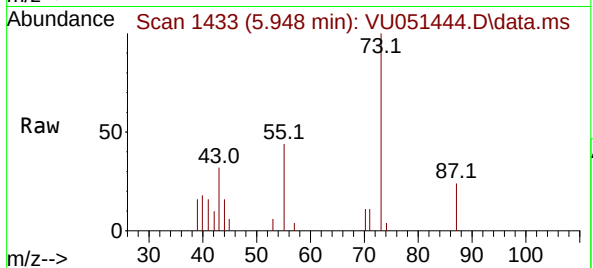
Tgt Ion: 59 Resp: 9541
Ion Ratio Lower Upper
59 100
87 44.8 33.8 50.8





#33
Tert-Amyl methyl ether
Concen: 0.292 ug/l
RT: 5.948 min Scan# 1432
Delta R.T. 0.003 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

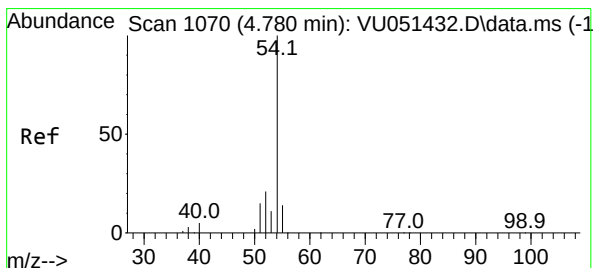
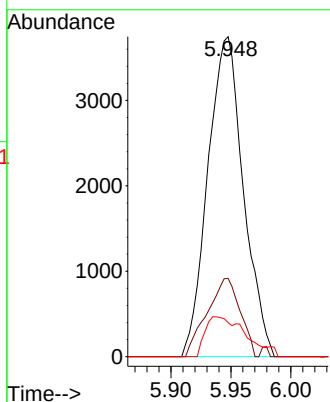
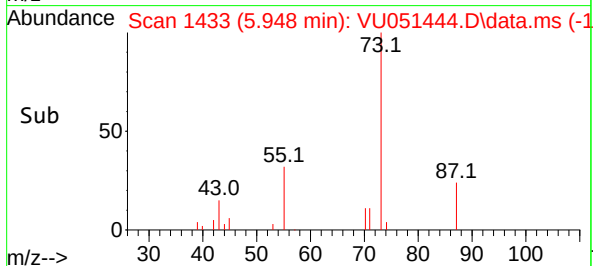
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



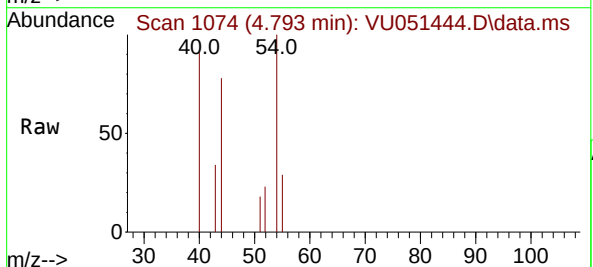
Tgt Ion: 73 Resp: 7728
Ion Ratio Lower Upper
73 100
87 22.7 18.9 28.3
71 14.2 9.4 14.2

Manual Integrations
APPROVED

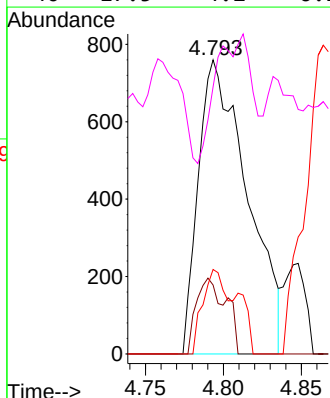
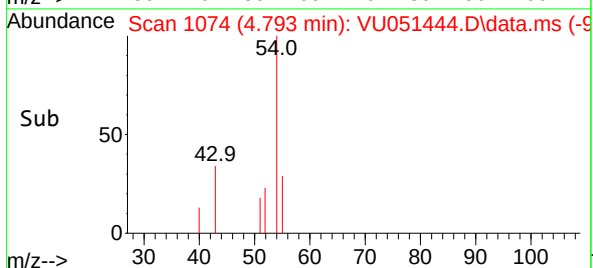
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022

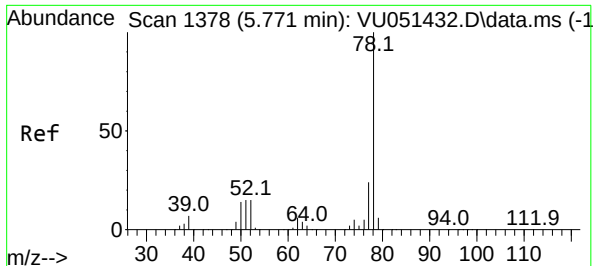


#34
Propionitrile
Concen: 1.414 ug/l
RT: 4.793 min Scan# 1074
Delta R.T. 0.013 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18



Tgt Ion: 54 Resp: 1654
Ion Ratio Lower Upper
54 100
52 15.5 16.4 24.6#
55 14.9 11.5 17.3
40 17.5 4.2 6.2#





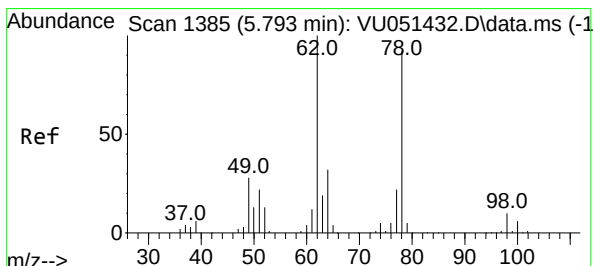
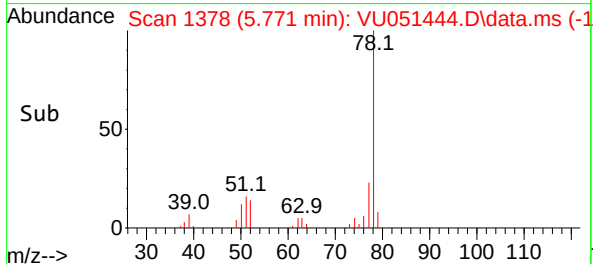
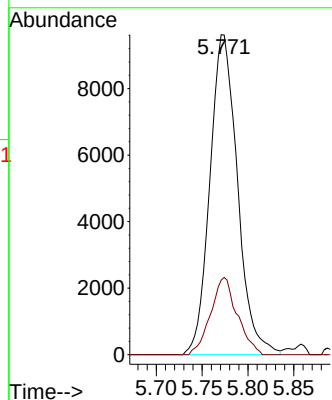
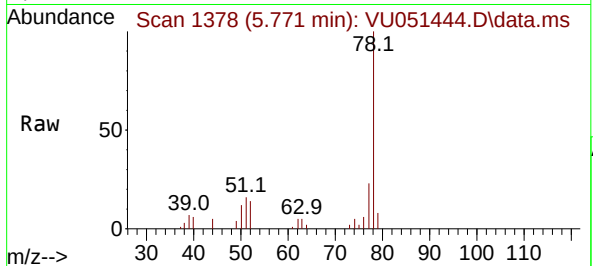
#35
Benzene
Concen: 0.348 ug/l
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 78 Resp: 2014
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.6

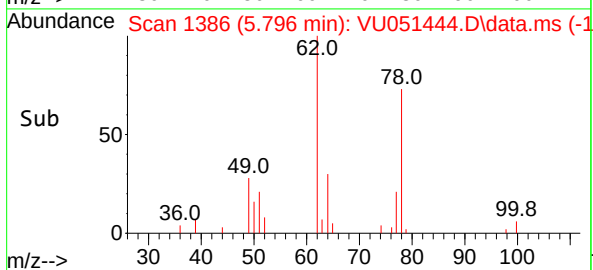
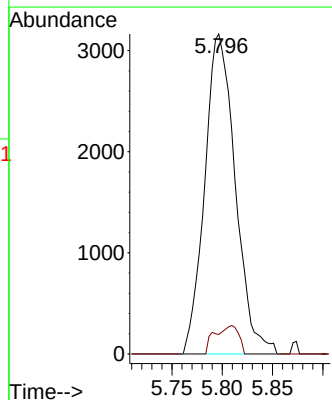
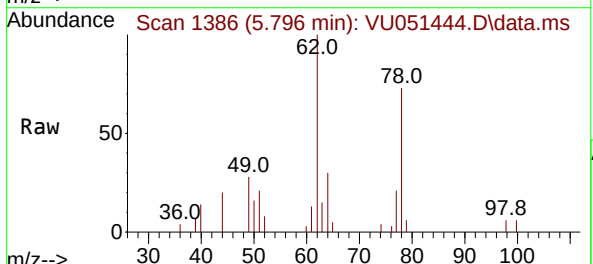
Manual Integrations
APPROVED

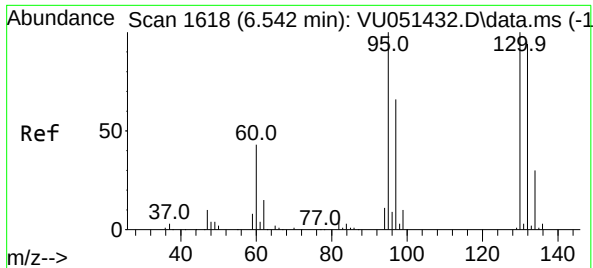
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#36
1,2-Dichloroethane
Concen: 0.374 ug/l
RT: 5.796 min Scan# 1386
Delta R.T. 0.003 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

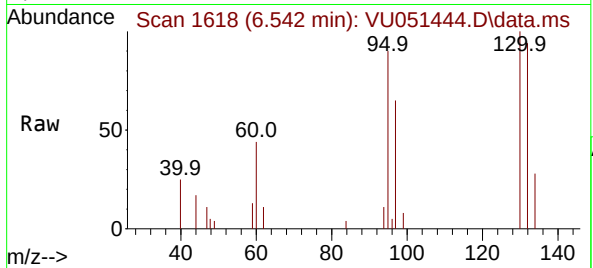
Tgt Ion: 62 Resp: 6689
Ion Ratio Lower Upper
62 100
98 6.9 7.4 11.2





#37
Trichloroethene
Concen: 0.360 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

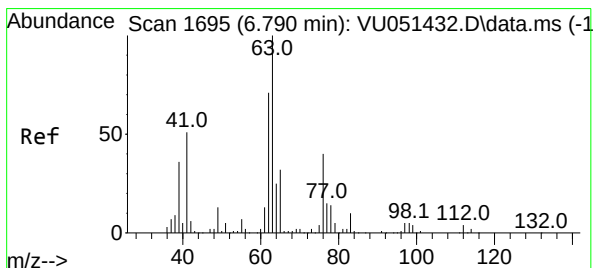
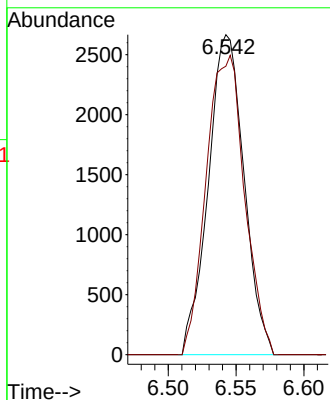
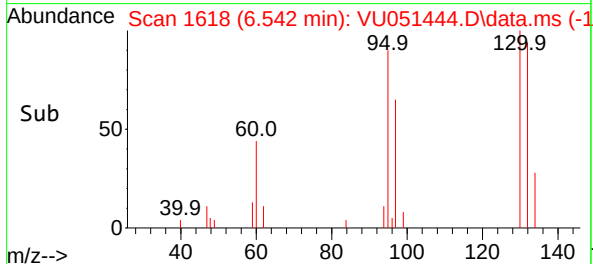
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



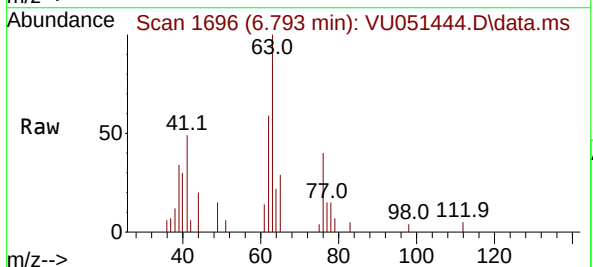
Tgt Ion:130 Resp: 489
Ion Ratio Lower Upper
130 100
95 90.1 80.2 120.4

Manual Integrations
APPROVED

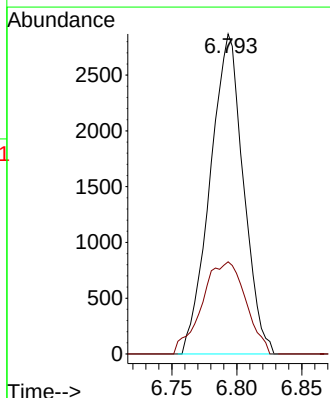
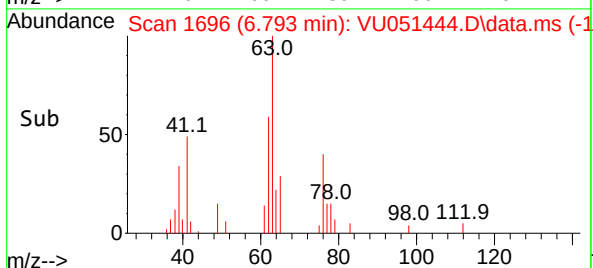
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022

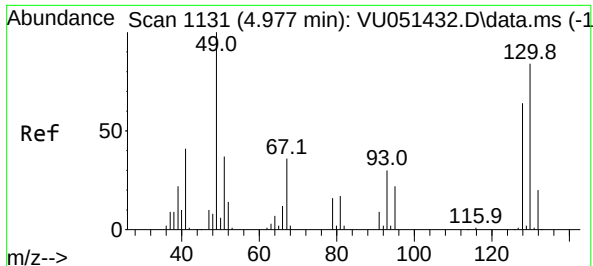


#38
1,2-Dichloropropane
Concen: 0.321 ug/l
RT: 6.793 min Scan# 1696
Delta R.T. 0.003 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18



Tgt Ion: 63 Resp: 5110
Ion Ratio Lower Upper
63 100
65 28.8 25.4 38.2





#39

Methacrylonitrile

Concen: 0.287 ug/l m

RT: 4.996 min Scan# 1137

Delta R.T. 0.019 min

Lab File: VU051444.D

Acq: 18 Oct 2022 16:18

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 41 Resp: 1140

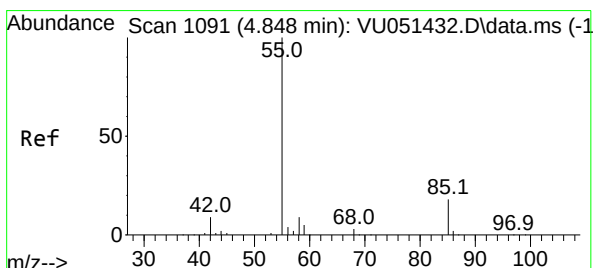
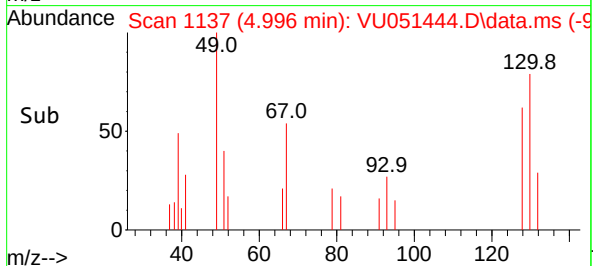
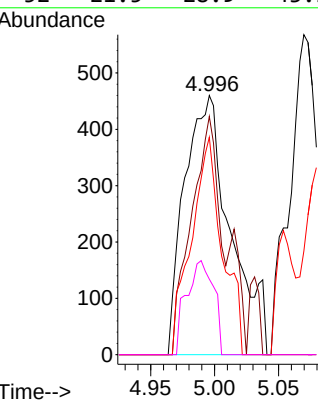
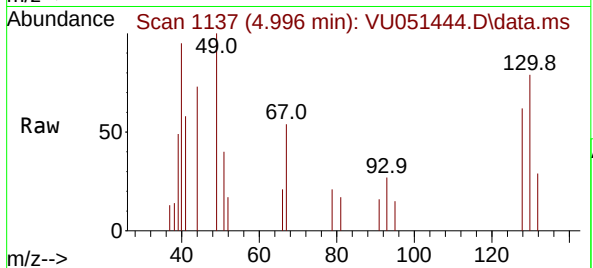
Ion	Ratio	Lower	Upper
41	100		
67	56.3	69.6	104.4#
39	56.9	42.2	63.4#
52	21.5	28.9	43.3#

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/25/2022

Supervised By :Mahesh Dadoda 10/25/2022



#40

Methyl acrylate

Concen: 0.321 ug/l m

RT: 4.864 min Scan# 1096

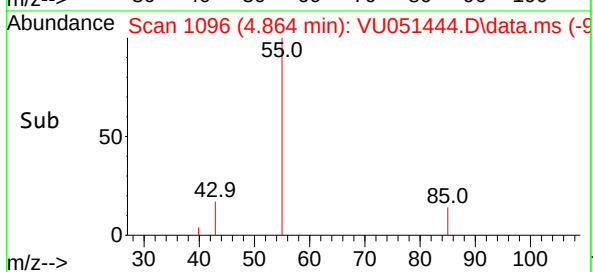
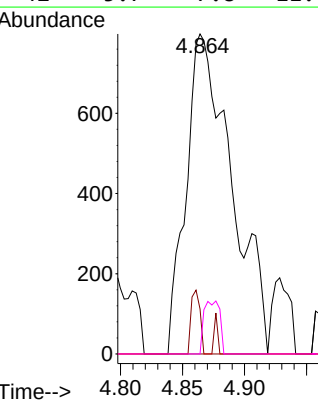
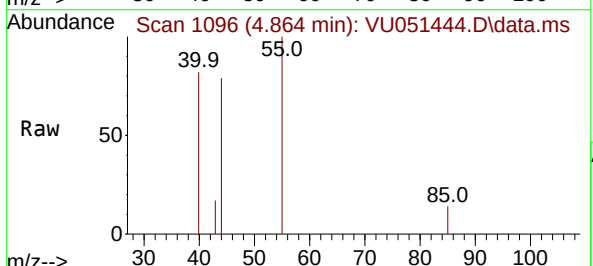
Delta R.T. 0.016 min

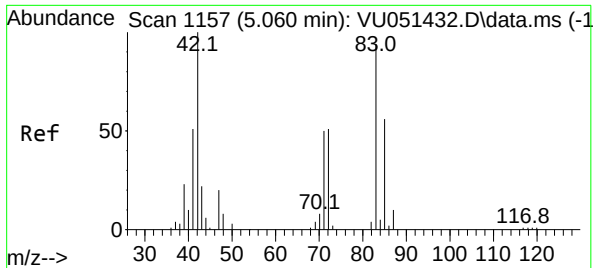
Lab File: VU051444.D

Acq: 18 Oct 2022 16:18

Tgt Ion: 55 Resp: 2043

Ion	Ratio	Lower	Upper
55	100		
85	0.0	15.0	22.6#
58	0.0	7.5	11.3#
42	5.7	7.8	11.6#





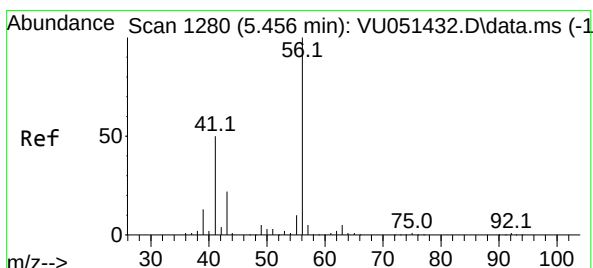
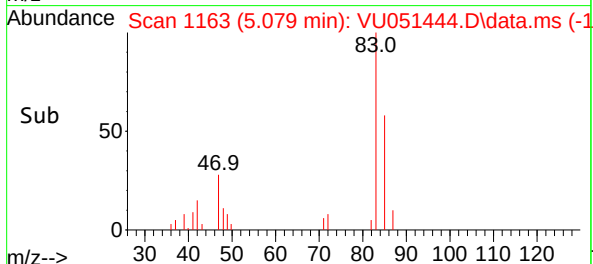
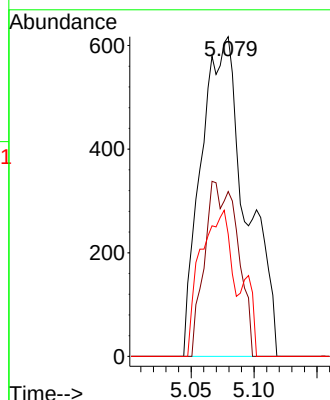
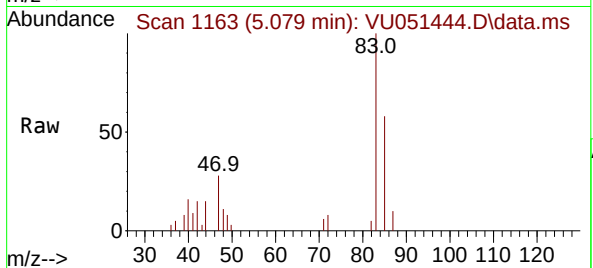
#41
Tetrahydrofuran
Concen: 0.730 ug/l m
RT: 5.079 min Scan# 1157
Delta R.T. 0.019 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 42 Resp: 153
Ion Ratio Lower Upper
42 100
72 20.3 42.6 64.0
71 31.4 38.3 57.5

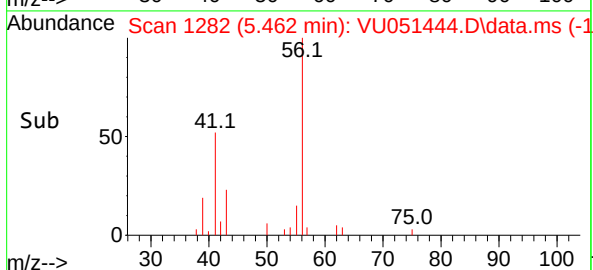
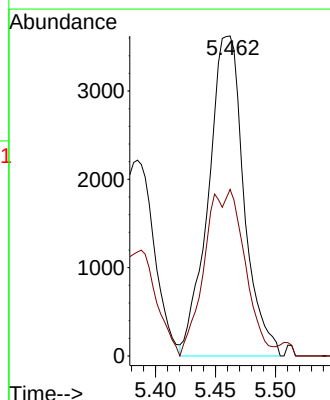
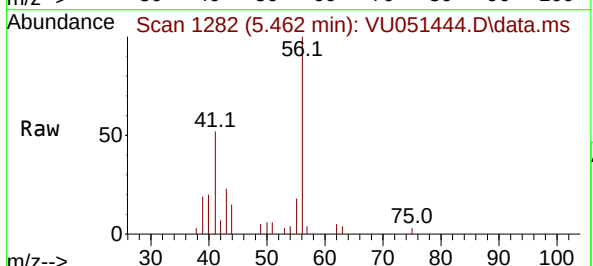
Manual Integrations
APPROVED

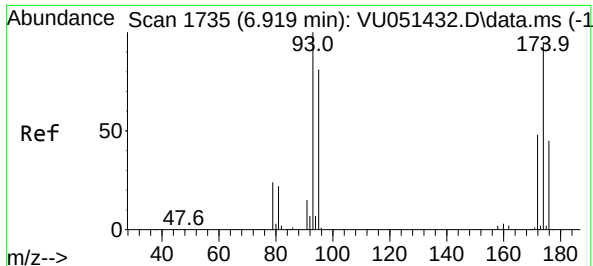
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#42
1-Chlorobutane
Concen: 0.317 ug/l
RT: 5.462 min Scan# 1282
Delta R.T. 0.006 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

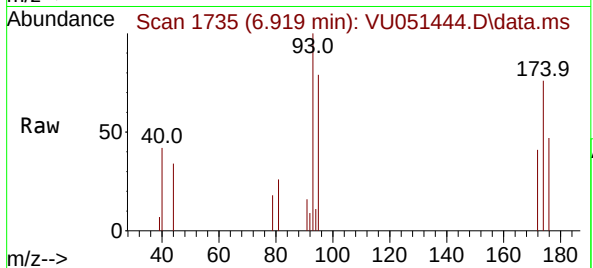
Tgt Ion: 56 Resp: 7477
Ion Ratio Lower Upper
56 100
41 28.6 24.8 74.4





#43
Dibromomethane
Concen: 0.363 ug/l
RT: 6.919 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

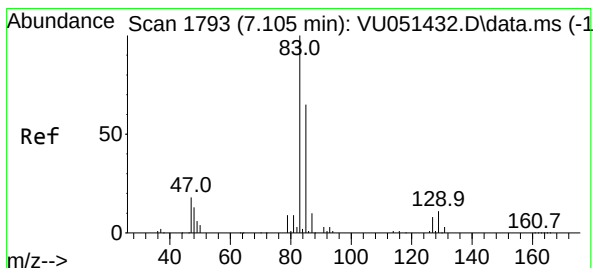
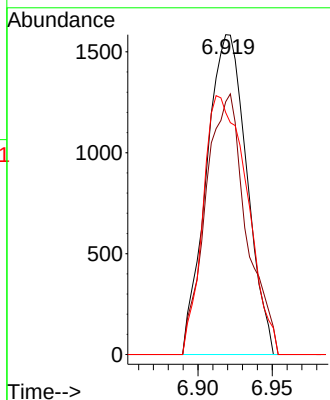
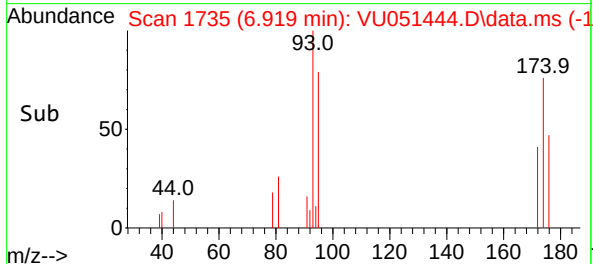
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 93 Resp: 2994
Ion Ratio Lower Upper
93 100
95 81.9 66.7 100.1
174 88.2 75.5 113.3

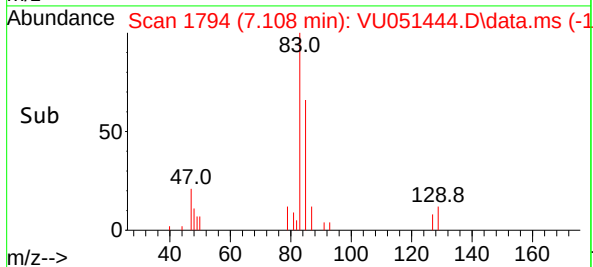
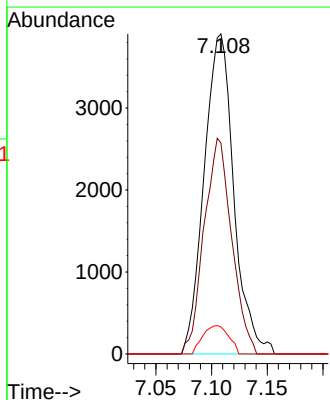
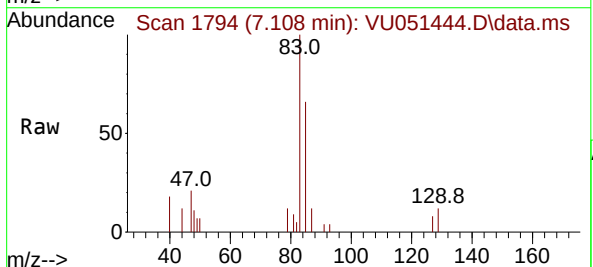
Manual Integrations
APPROVED

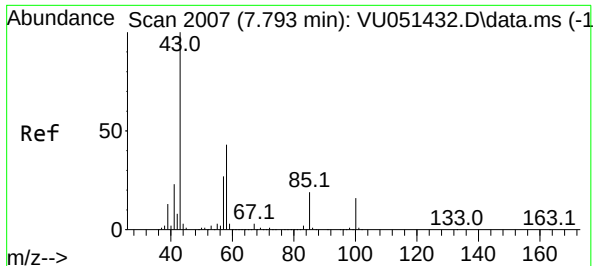
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#44
Bromodichloromethane
Concen: 0.363 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.003 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

Tgt Ion: 83 Resp: 7241
Ion Ratio Lower Upper
83 100
85 65.9 52.1 78.1
127 8.5 6.8 10.2





#45

4-Methyl-2-Pentanone

Concen: 1.393 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU051444.D

Acq: 18 Oct 2022 16:18

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

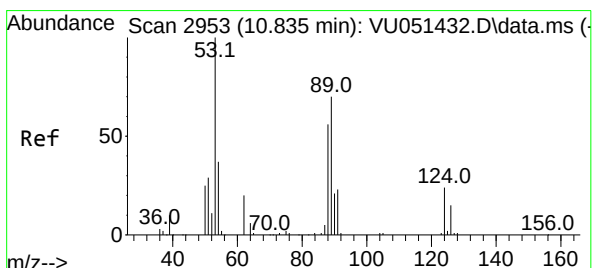
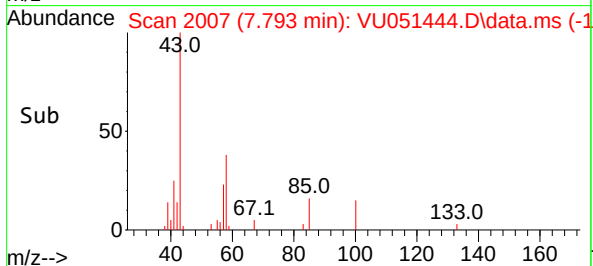
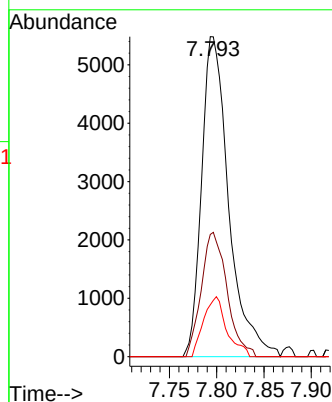
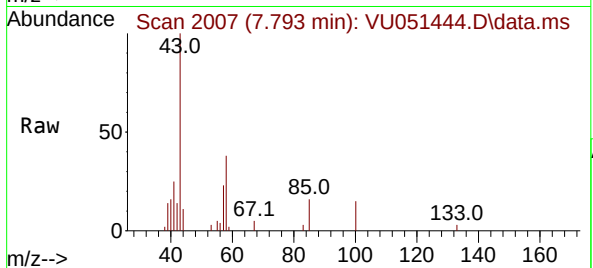
Tgt Ion:	43	Resp:	1094
Ion Ratio	Lower	Upper	
43	100		
58	36.8	21.4	64.3
85	16.0	15.4	23.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/25/2022

Supervised By :Mahesh Dadoda 10/25/2022



#46

t-1,4-Dichloro-2-butene

Concen: 0.843 ug/l m

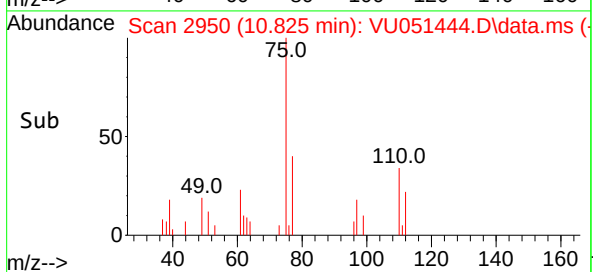
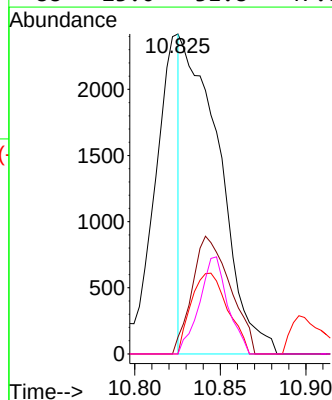
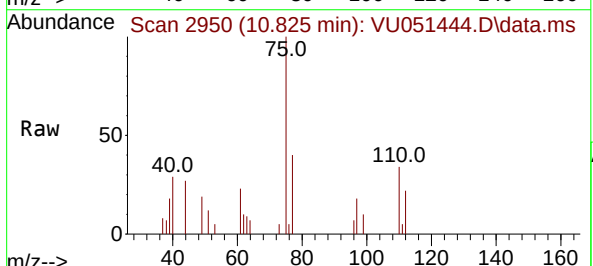
RT: 10.825 min Scan# 2950

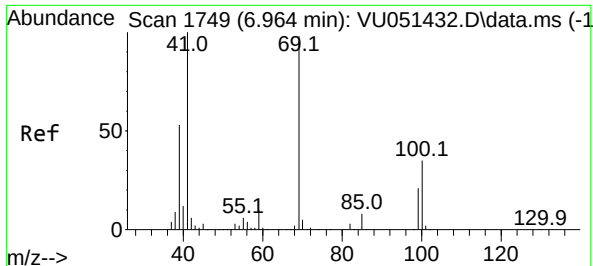
Delta R.T. -0.010 min

Lab File: VU051444.D

Acq: 18 Oct 2022 16:18

Tgt Ion:	75	Resp:	3694
Ion Ratio	Lower	Upper	
75	100		
53	37.2	61.1	91.7#
89	24.5	41.0	61.6#
88	23.0	31.8	47.8#





#47

Methyl methacrylate

Concen: 0.555 ug/l

RT: 6.970 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VU051444.D

Acq: 18 Oct 2022 16:18

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

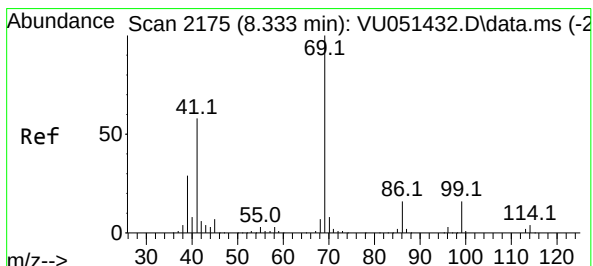
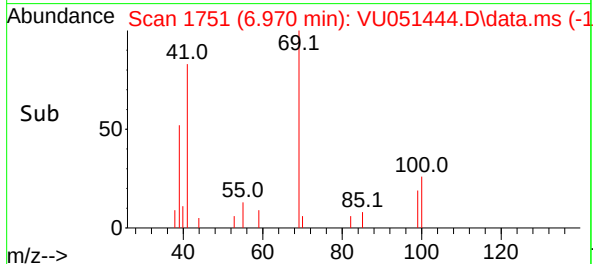
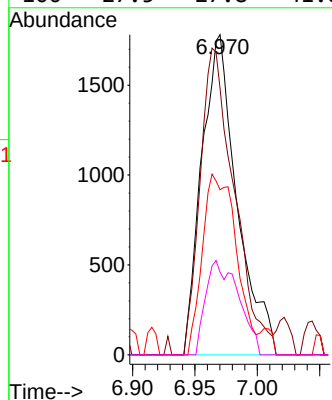
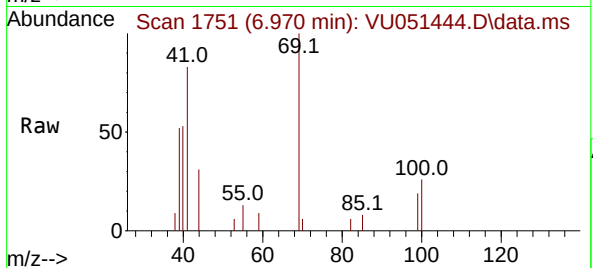
Tgt Ion: 69	Resp: 350
Ion Ratio	Lower Upper
69	100
41	92.8 0.0 200.8
39	54.4 44.1 66.1
100	27.5 27.8 41.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/25/2022

Supervised By :Mahesh Dadoda 10/25/2022



#48

Ethyl methacrylate

Concen: 0.268 ug/l

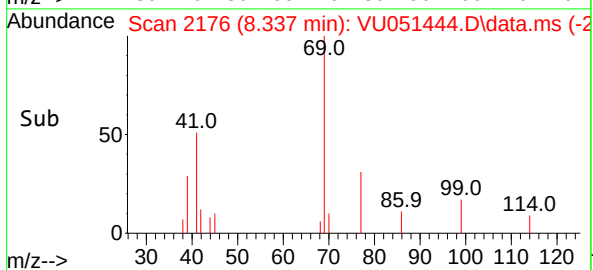
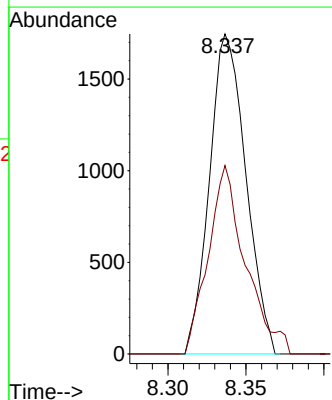
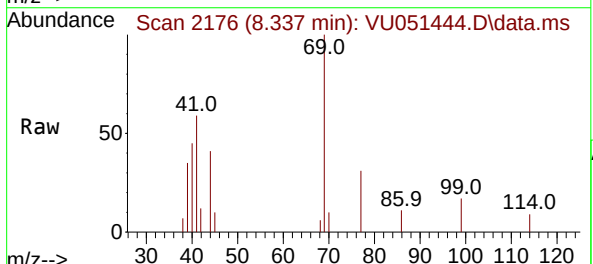
RT: 8.337 min Scan# 2176

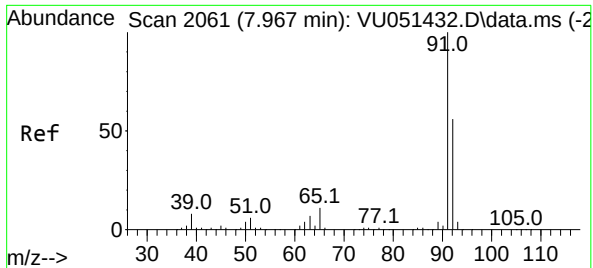
Delta R.T. 0.004 min

Lab File: VU051444.D

Acq: 18 Oct 2022 16:18

Tgt Ion: 69	Resp: 2837
Ion Ratio	Lower Upper
69	100
41	60.1 28.8 86.5





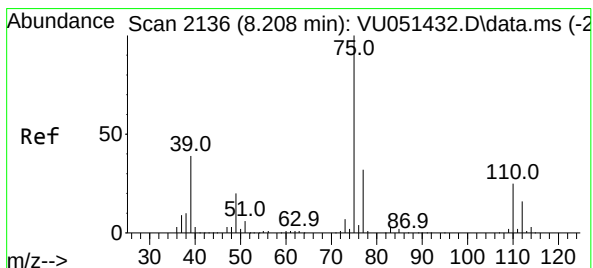
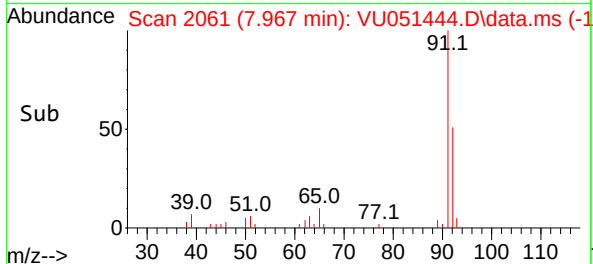
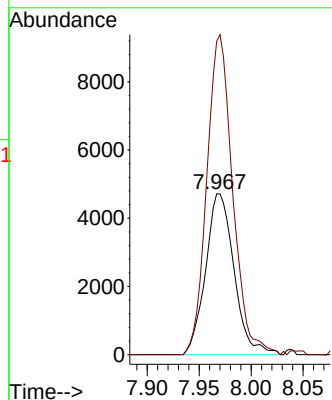
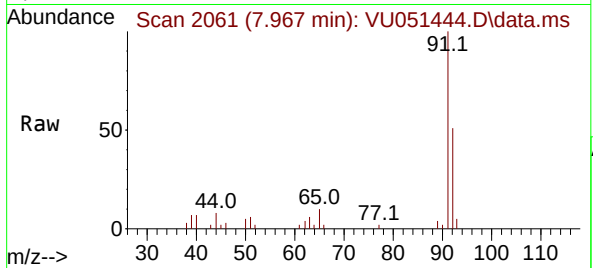
#49
Toluene
Concen: 0.283 ug/l
RT: 7.967 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 92 Resp: 8980
Ion Ratio Lower Upper
92 100
91 181.3 141.8 212.6

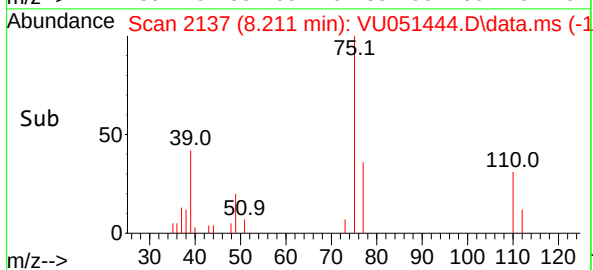
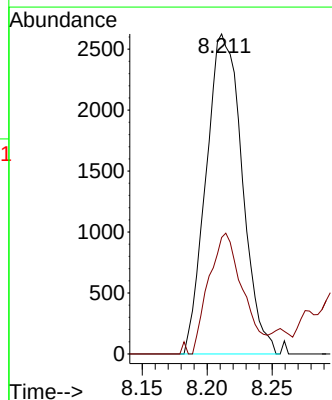
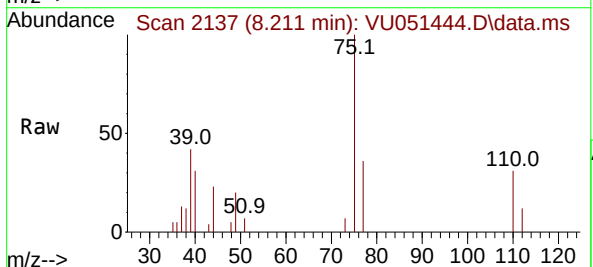
Manual Integrations
APPROVED

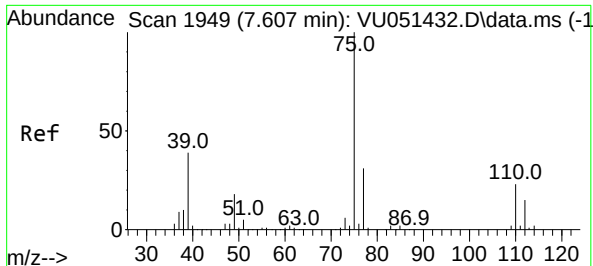
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#50
t-1,3-Dichloropropene
Concen: 0.315 ug/l
RT: 8.211 min Scan# 2137
Delta R.T. 0.003 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

Tgt Ion: 75 Resp: 5061
Ion Ratio Lower Upper
75 100
77 36.4 25.8 38.6





#51

cis-1,3-Dichloropropene

Concen: 0.326 ug/l

RT: 7.610 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VU051444.D

Acq: 18 Oct 2022 16:18

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 75 Resp: 6170

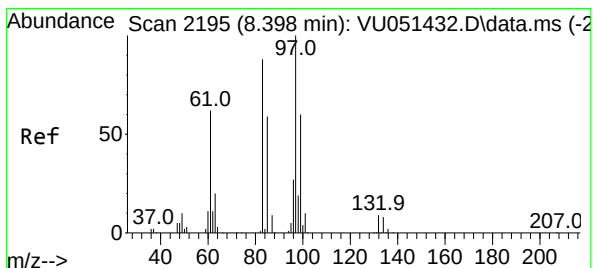
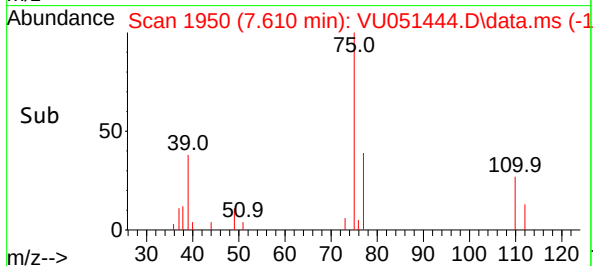
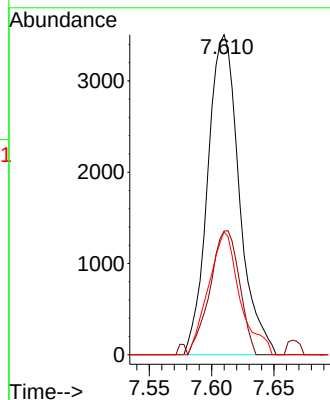
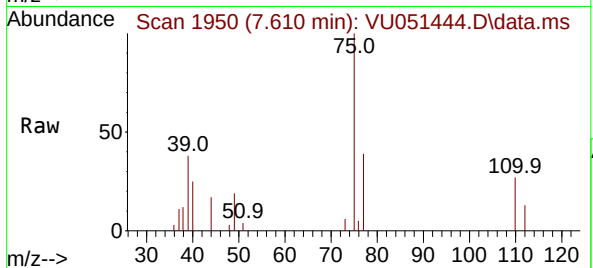
Ion	Ratio	Lower	Upper
75	100		
77	38.6	25.1	37.7
39	38.4	31.4	47.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/25/2022

Supervised By :Mahesh Dadoda 10/25/2022



#52

1,1,2-Trichloroethane

Concen: 0.377 ug/l

RT: 8.401 min Scan# 2196

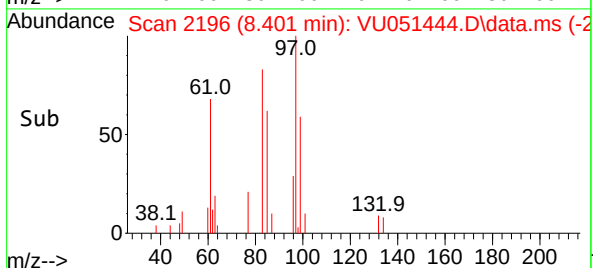
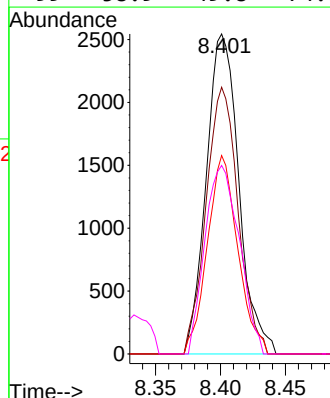
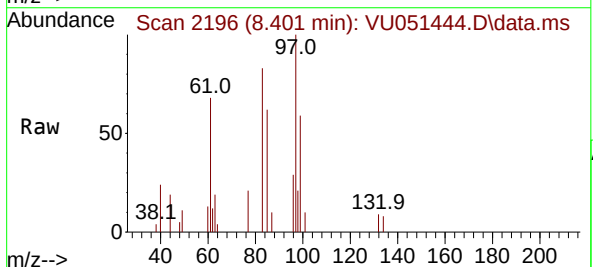
Delta R.T. 0.003 min

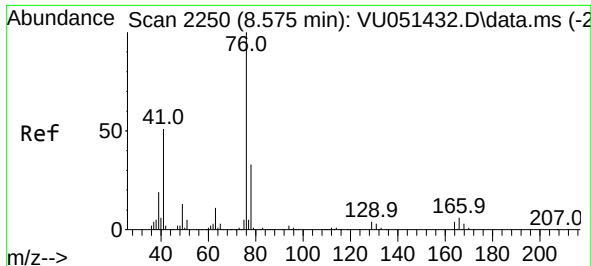
Lab File: VU051444.D

Acq: 18 Oct 2022 16:18

Tgt Ion: 97 Resp: 4438

Ion	Ratio	Lower	Upper
97	100		
83	83.3	70.6	105.8
85	62.0	47.0	70.4
99	58.9	49.8	74.8





#53

1,3-Dichloropropane

Concen: 0.323 ug/l

RT: 8.578 min Scan# 2250

Delta R.T. 0.003 min

Lab File: VU051444.D

Acq: 18 Oct 2022 16:18

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 76 Resp: 6124

Ion Ratio Lower Upper

76 100

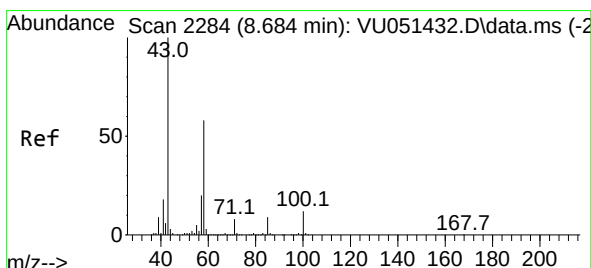
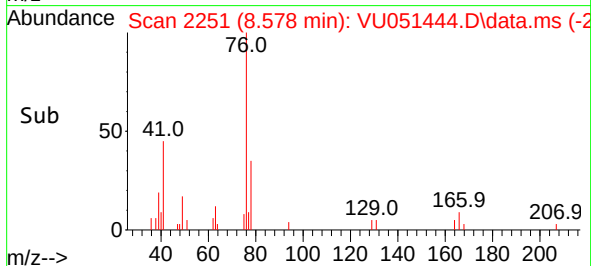
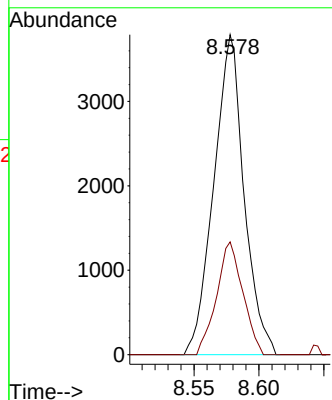
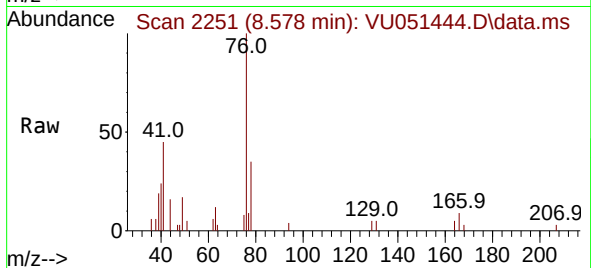
78 30.5 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/25/2022

Supervised By :Mahesh Dadoda 10/25/2022



#54

2-Hexanone

Concen: 1.261 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. 0.006 min

Lab File: VU051444.D

Acq: 18 Oct 2022 16:18

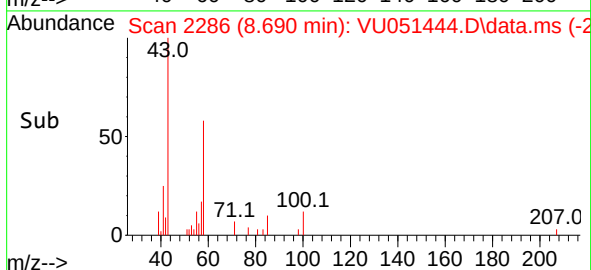
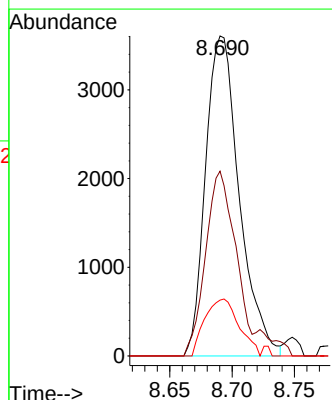
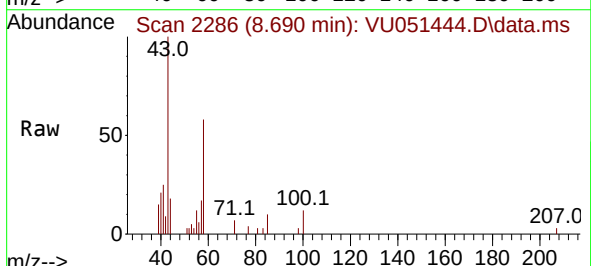
Tgt Ion: 43 Resp: 6809

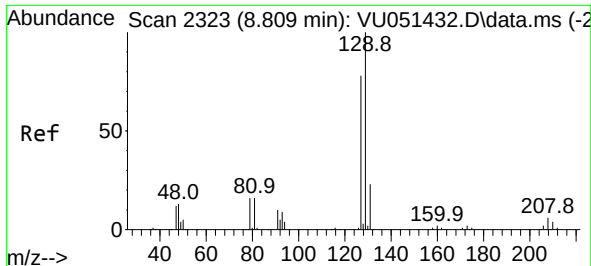
Ion Ratio Lower Upper

43 100

58 51.9 38.0 78.0

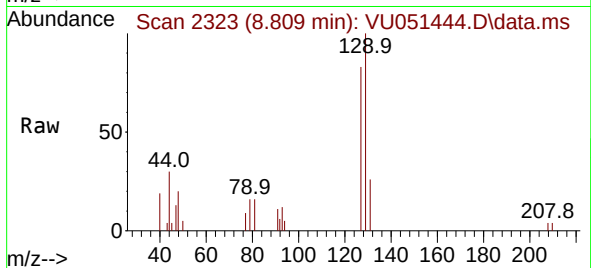
57 18.0 0.0 39.9





#55
Dibromochloromethane
Concen: 0.358 ug/l
RT: 8.809 min Scan# 2129
Delta R.T. -0.000 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

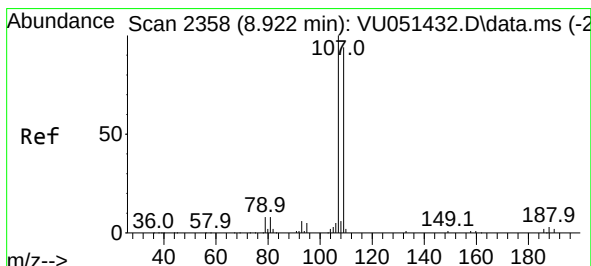
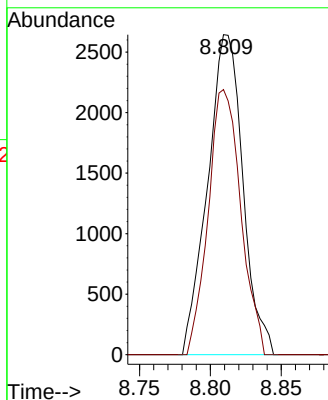
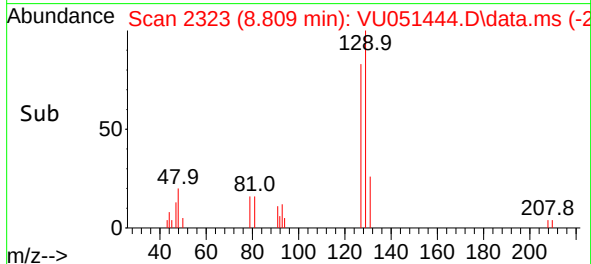
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



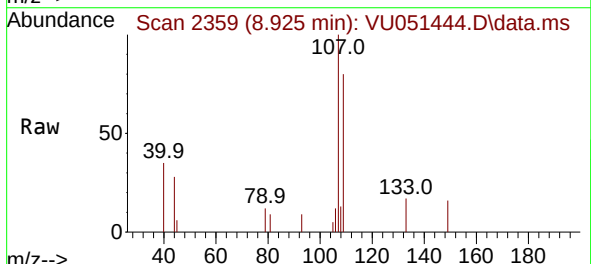
Tgt Ion:129 Resp: 4582
Ion Ratio Lower Upper
129 100
127 76.4 62.1 93.1

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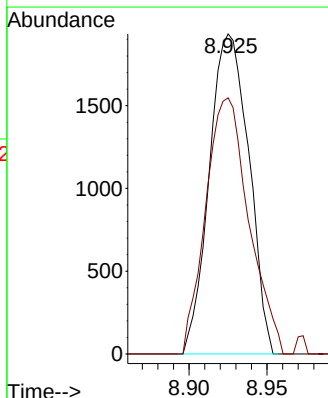
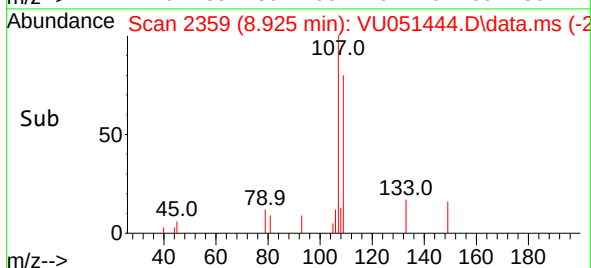
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022

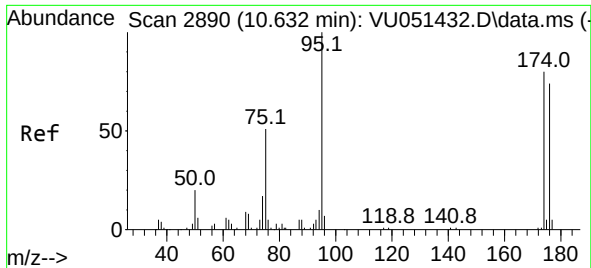


#56
1,2-Dibromoethane
Concen: 0.329 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. 0.003 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18



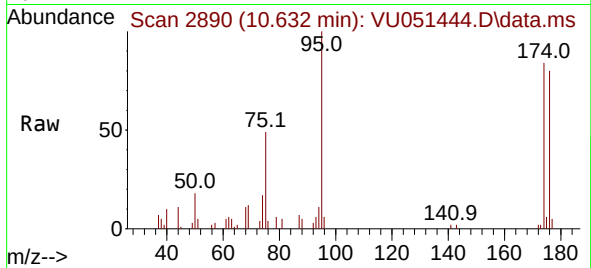
Tgt Ion:107 Resp: 3404
Ion Ratio Lower Upper
107 100
109 87.6 0.0 190.6





#57
4-Bromofluorobenzene
Concen: 0.831 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

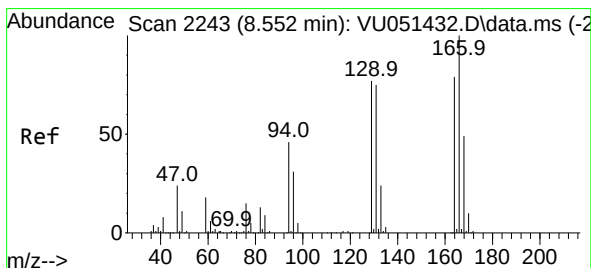
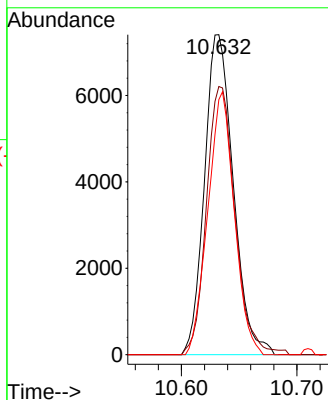
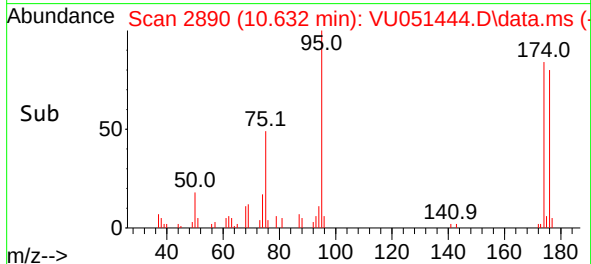
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 95 Resp: 1284
Ion Ratio Lower Upper
95 100
174 83.1 63.0 94.6
176 75.5 59.8 89.6

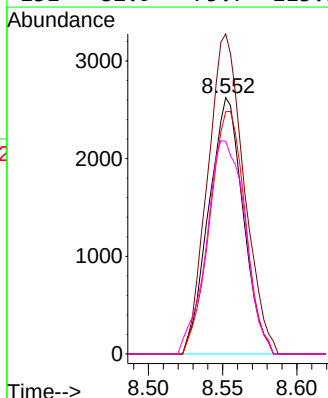
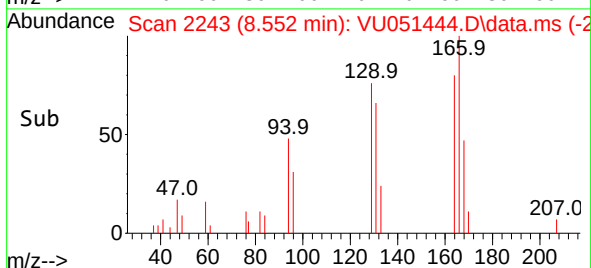
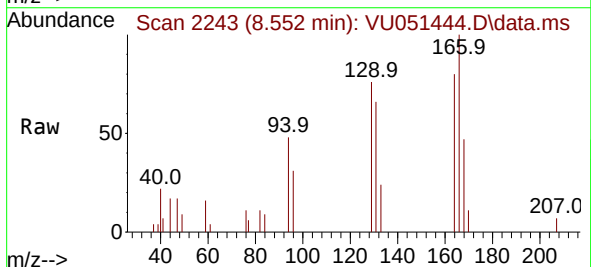
Manual Integrations
APPROVED

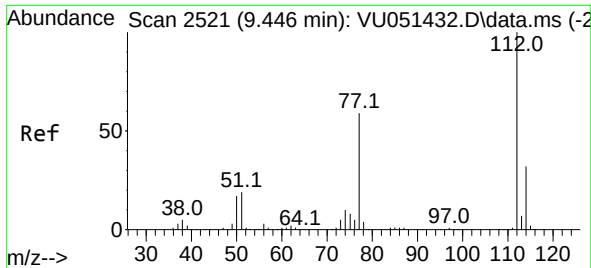
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#58
Tetrachloroethene
Concen: 0.357 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

Tgt Ion:164 Resp: 4235
Ion Ratio Lower Upper
164 100
166 124.8 100.9 151.3
129 94.5 77.5 116.3
131 82.9 75.7 113.5





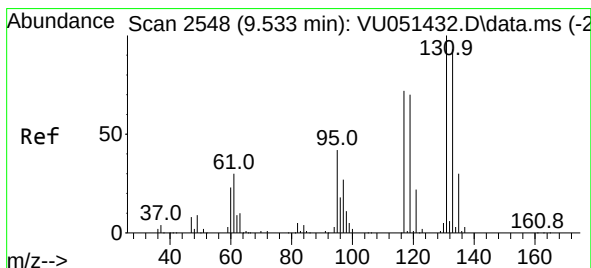
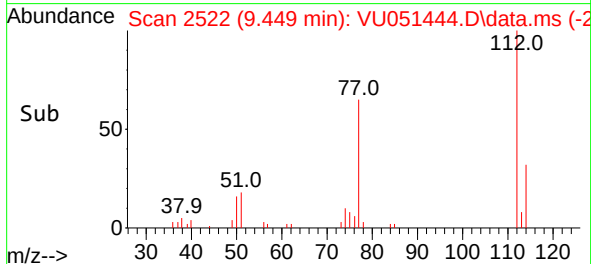
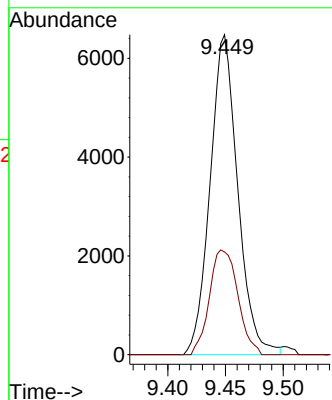
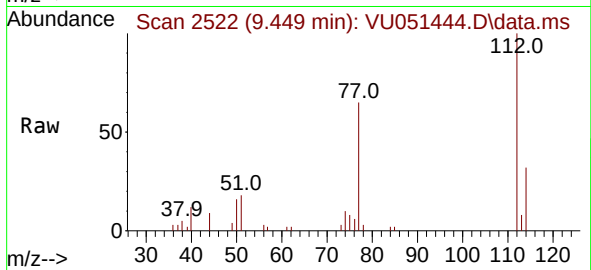
#59
Chlorobenzene
Concen: 0.309 ug/l
RT: 9.449 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:112 Resp: 1079
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6

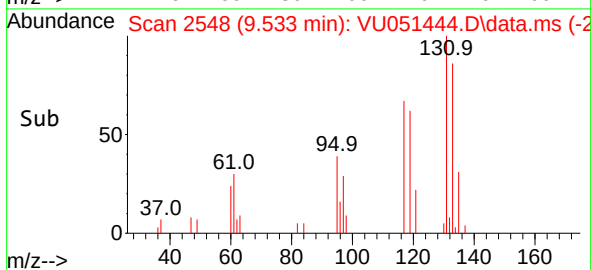
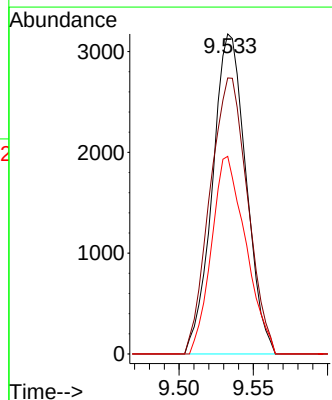
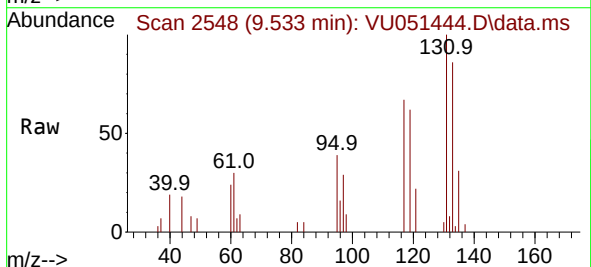
Manual Integrations
APPROVED

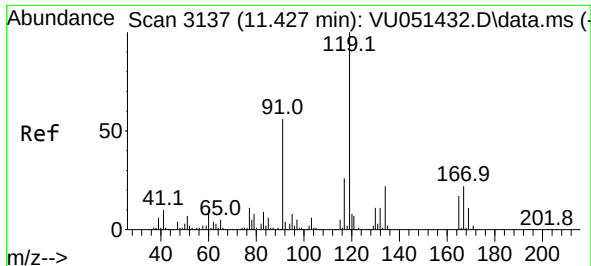
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#60
1,1,1,2-Tetrachloroethane
Concen: 0.373 ug/l
RT: 9.533 min Scan# 2548
Delta R.T. -0.000 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

Tgt Ion:131 Resp: 4988
Ion Ratio Lower Upper
131 100
133 96.7 76.5 114.7
119 63.2 56.5 84.7





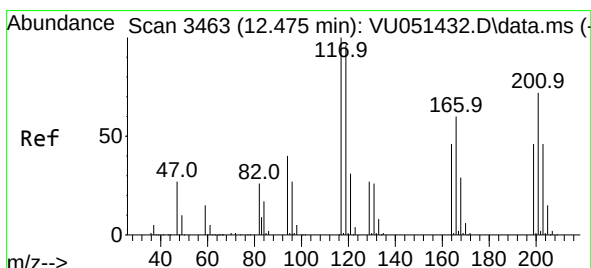
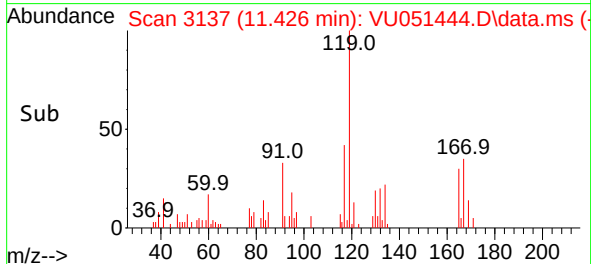
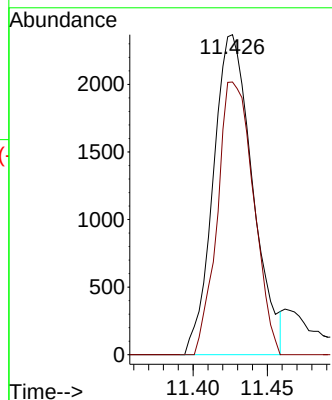
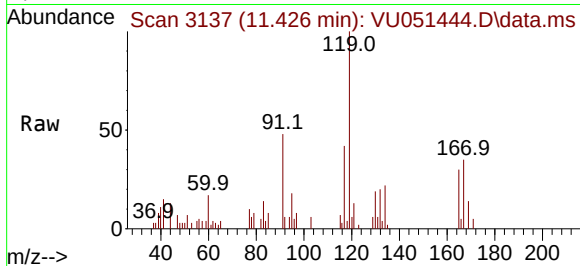
#61
Pentachloroethane
Concen: 0.366 ug/l
RT: 11.426 min Scan# 3137
Delta R.T. -0.001 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:117 Resp: 4364
Ion Ratio Lower Upper
117 100
167 78.1 63.3 94.9

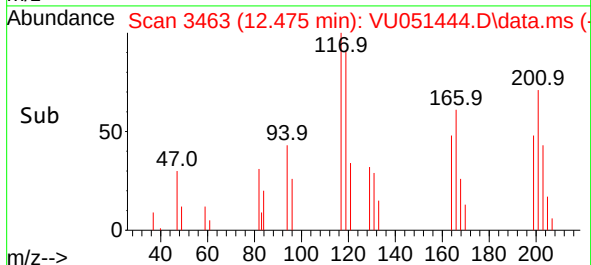
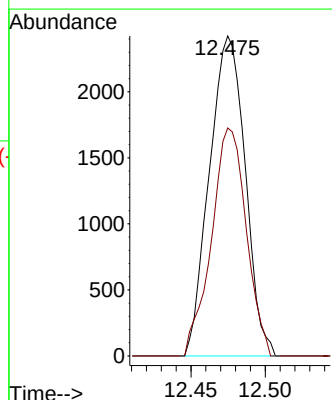
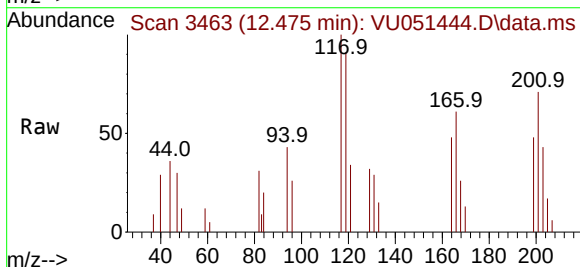
Manual Integrations
APPROVED

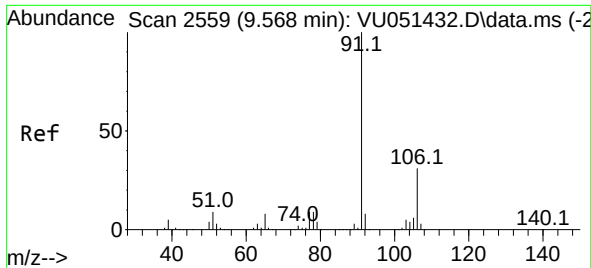
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#62
Hexachloroethane
Concen: 0.359 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. -0.000 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

Tgt Ion:117 Resp: 4060
Ion Ratio Lower Upper
117 100
201 69.3 57.4 86.2





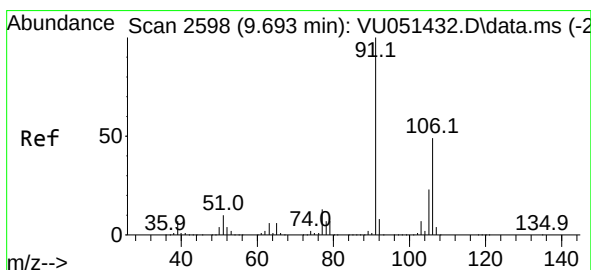
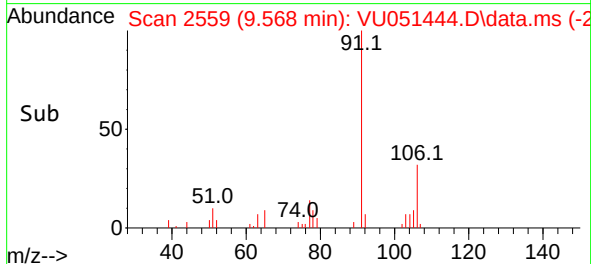
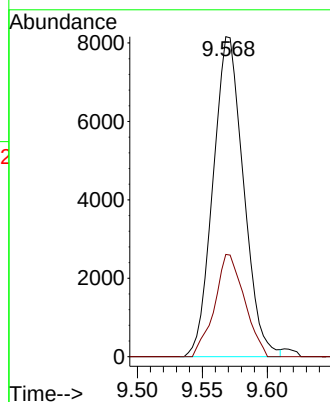
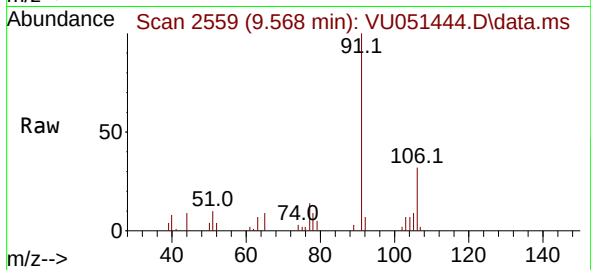
#63
Ethyl Benzene
Concen: 0.251 ug/l
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 91 Resp: 1329
Ion Ratio Lower Upper
91 100
106 32.0 24.9 37.3

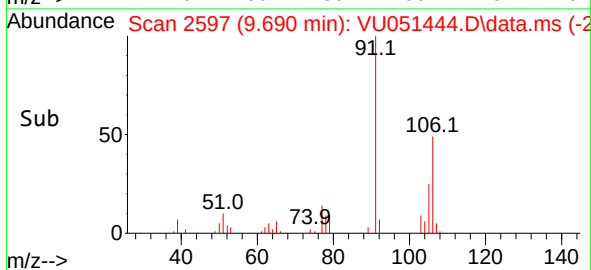
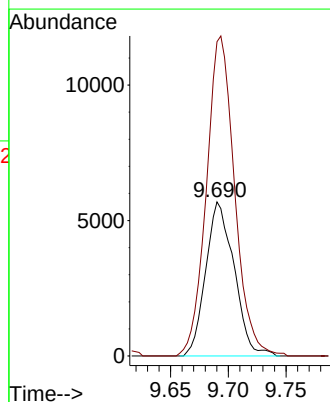
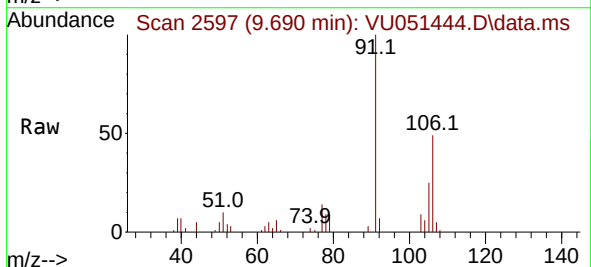
Manual Integrations
APPROVED

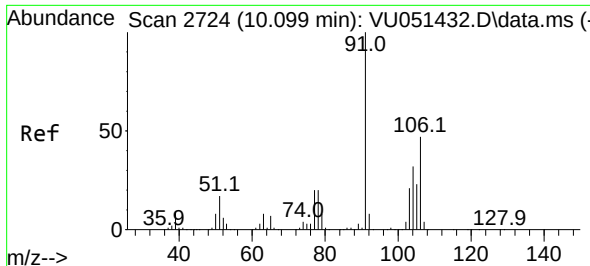
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#64
m/p-Xylenes
Concen: 0.461 ug/l
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

Tgt Ion:106 Resp: 9715
Ion Ratio Lower Upper
106 100
91 206.6 163.2 244.8





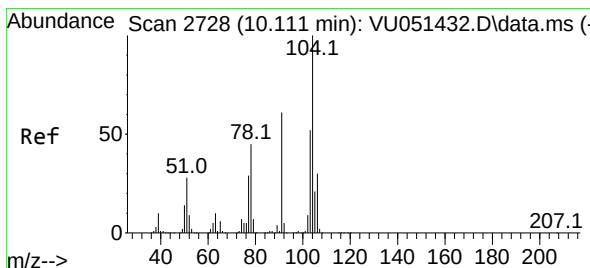
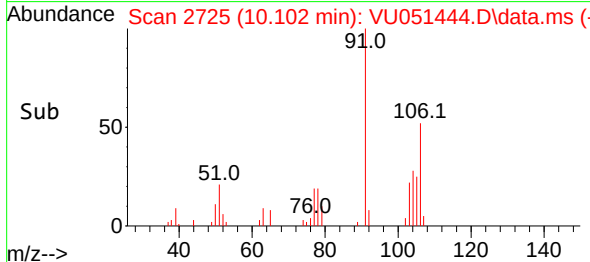
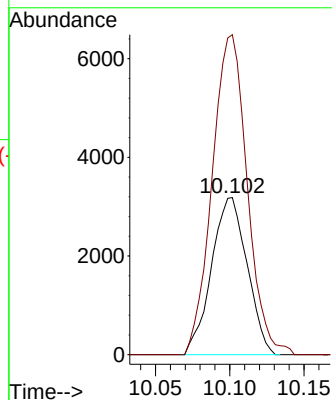
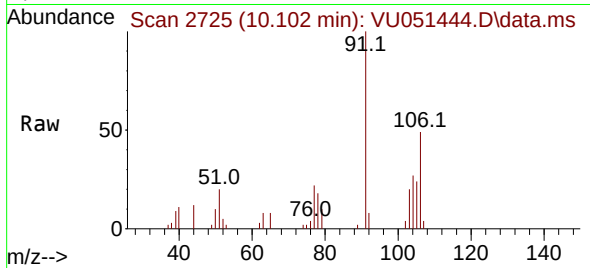
#65
o-Xylene
Concen: 0.259 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:106 Resp: 531
Ion Ratio Lower Upper
106 100
91 200.5 107.1 321.3

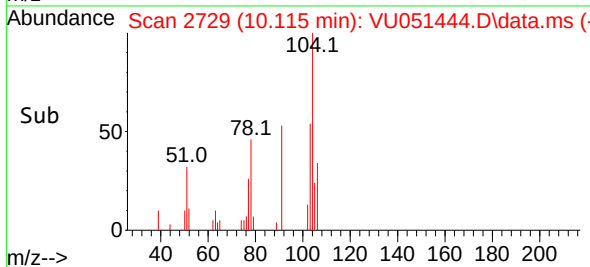
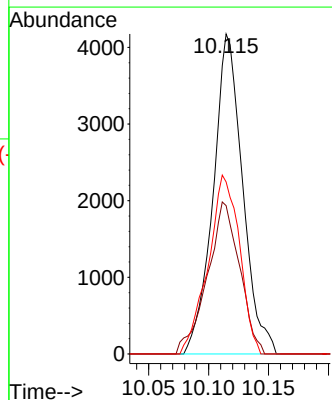
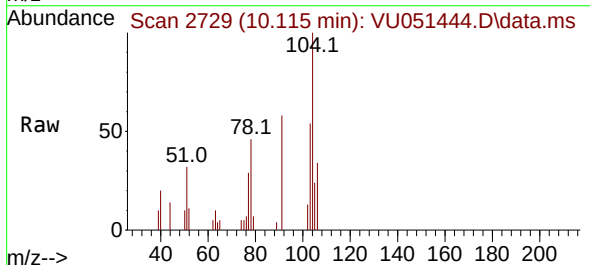
Manual Integrations
APPROVED

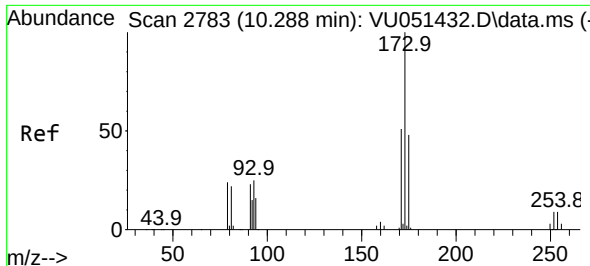
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#66
Styrene
Concen: 0.210 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.004 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

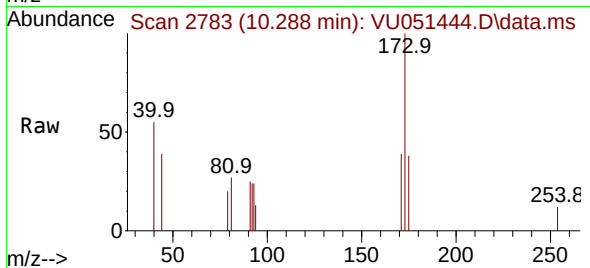
Tgt Ion:104 Resp: 7130
Ion Ratio Lower Upper
104 100
78 51.8 39.7 59.5
103 59.3 44.4 66.6





#67
Bromoform
Concen: 0.354 ug/l
RT: 10.288 min Scan# 2783
Delta R.T. -0.000 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

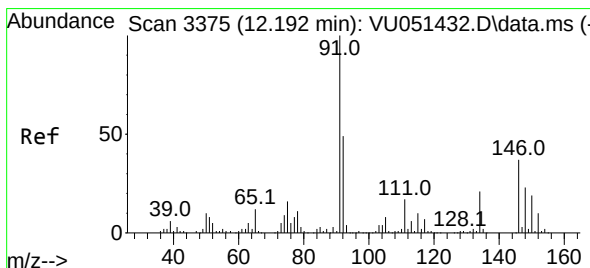
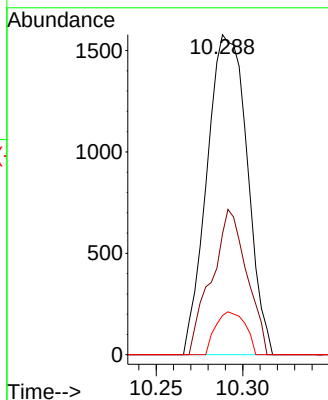
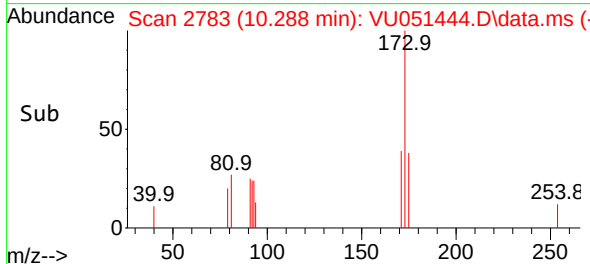
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



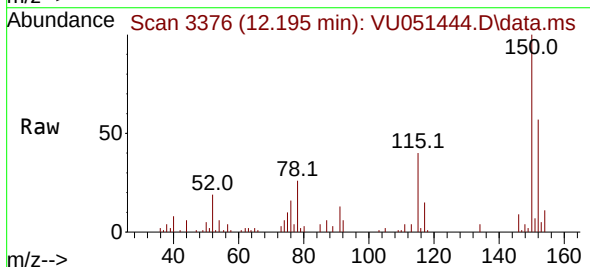
Tgt Ion:173 Resp: 2549
Ion Ratio Lower Upper
173 100
175 39.7 38.6 58.0
254 9.9 7.3 10.9

Manual Integrations
APPROVED

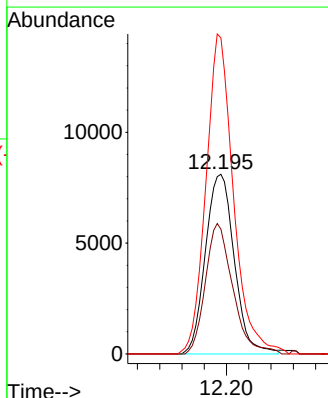
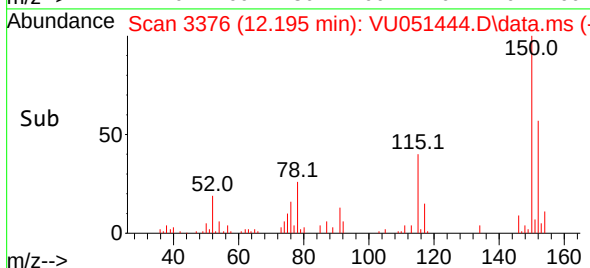
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022

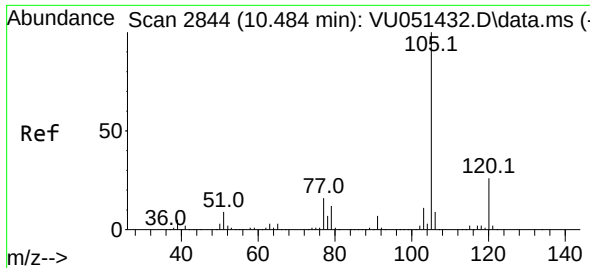


#68
1,2-Dichlorobenzene-d4
Concen: 0.844 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. 0.003 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18



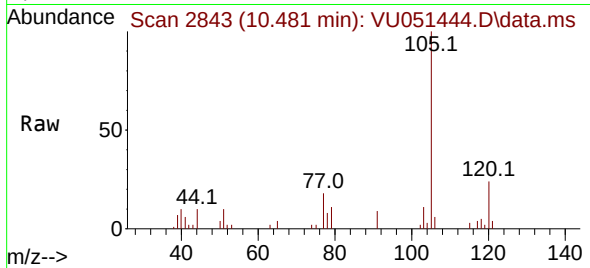
Tgt Ion:152 Resp: 14582
Ion Ratio Lower Upper
152 100
115 68.9 0.0 333.0
150 169.4 0.0 662.0





#69
Isopropylbenzene
Concen: 0.244 ug/l
RT: 10.481 min Scan# 2843
Delta R.T. -0.003 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

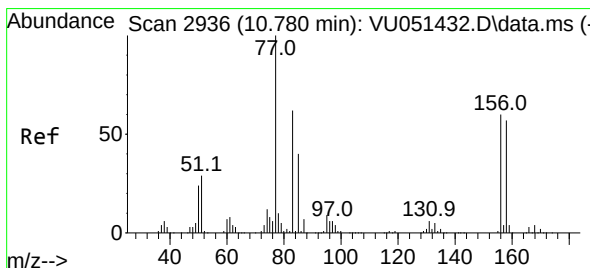
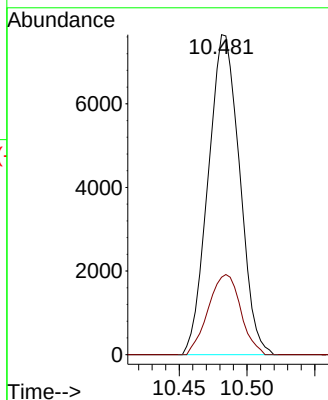
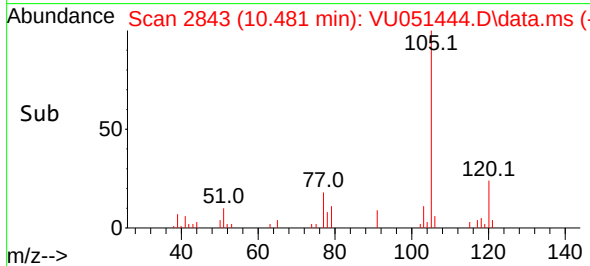
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



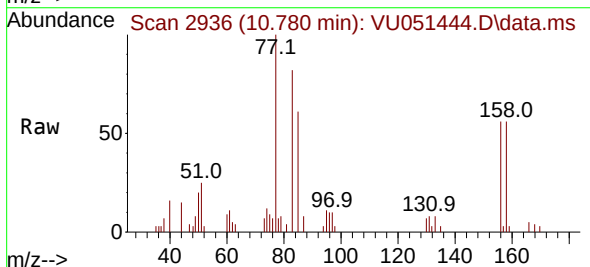
Tgt Ion:105 Resp: 12328
Ion Ratio Lower Upper
105 100
120 25.9 13.0 39.0

Manual Integrations
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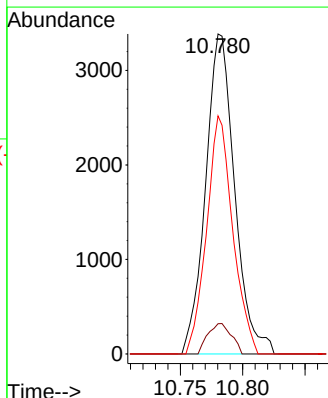
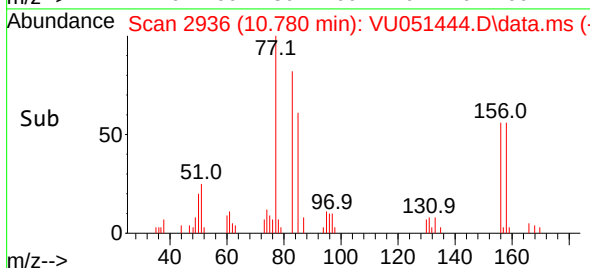
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022

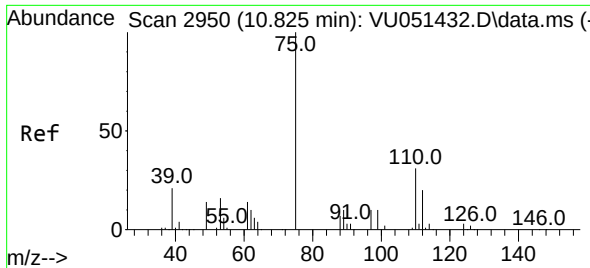


#70
1,1,2,2-Tetrachloroethane
Concen: 0.345 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18



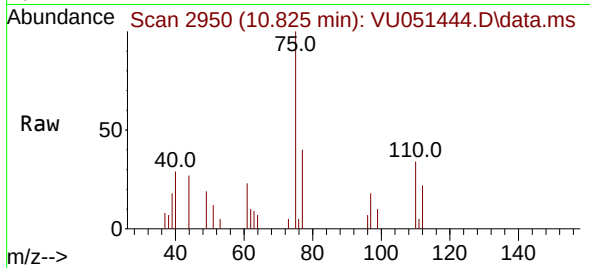
Tgt Ion: 83 Resp: 5498
Ion Ratio Lower Upper
83 100
131 7.7 7.2 10.8
85 66.8 51.4 77.2





#71
1,2,3-Trichloropropane
Concen: 0.400 ug/l m
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

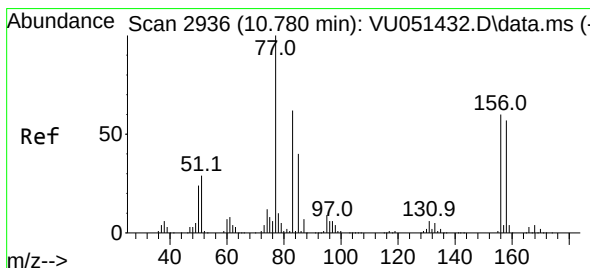
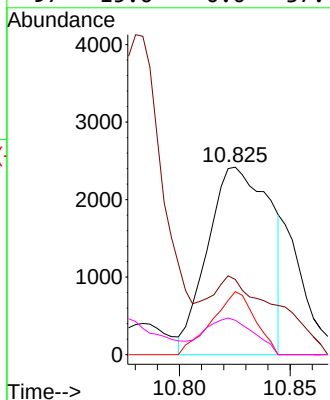
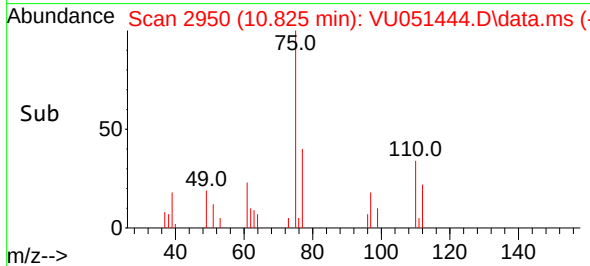
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



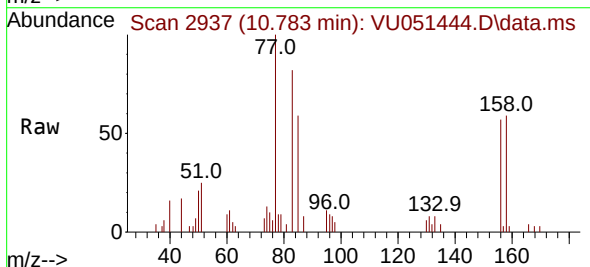
Tgt Ion:	75	Resp:	4738
Ion Ratio	100	Lower	Upper
75	41.7	0.0	111.0
110	23.1	0.0	70.2
97	15.6	0.0	37.4

Manual Integrations
APPROVED

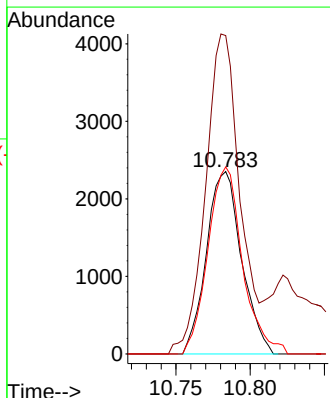
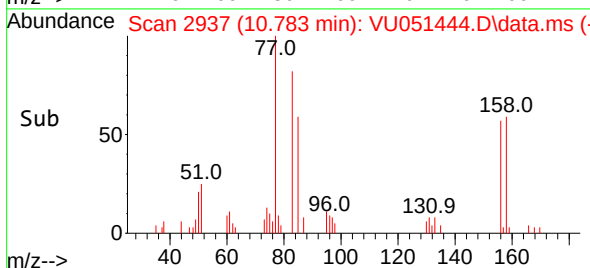
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022

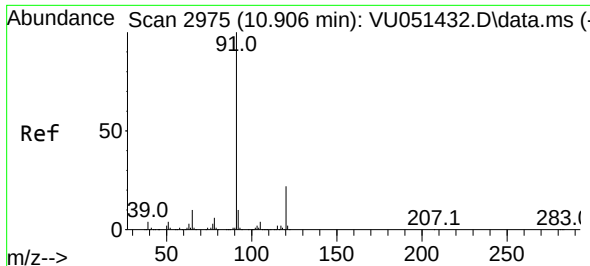


#72
Bromobenzene
Concen: 0.279 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18



Tgt Ion:	156	Resp:	3874
Ion Ratio	100	Lower	Upper
77	173.5	0.0	343.4
158	101.0	0.0	195.6





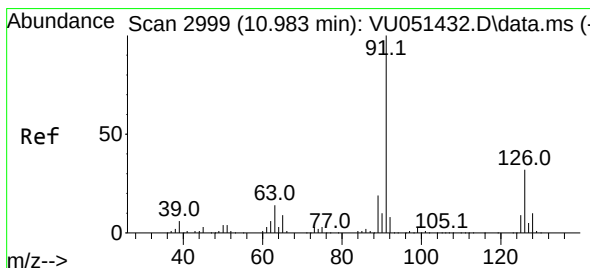
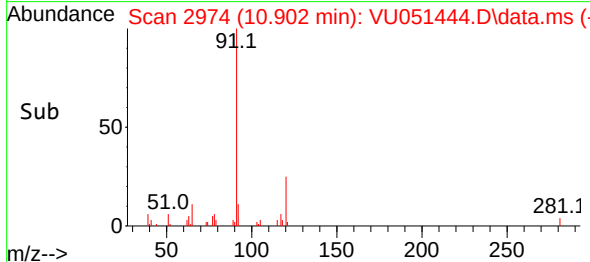
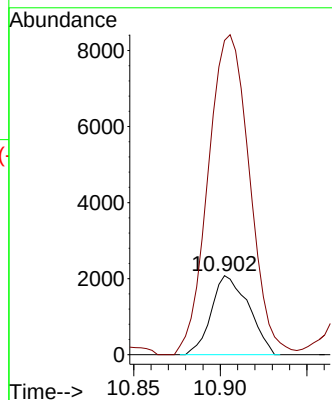
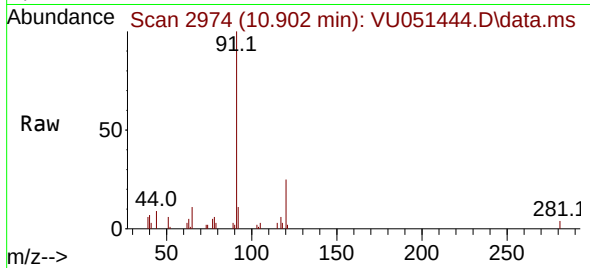
#73
n-propylbenzene
Concen: 0.219 ug/l
RT: 10.902 min Scan# 2974
Delta R.T. -0.004 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

Tgt Ion:120 Resp: 3110
Ion Ratio Lower Upper
120 100
91 449.4 362.3 543.5

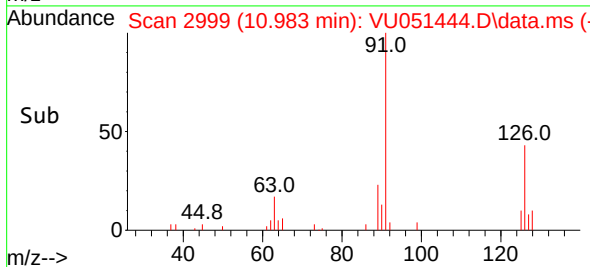
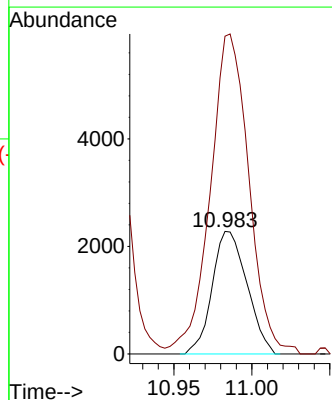
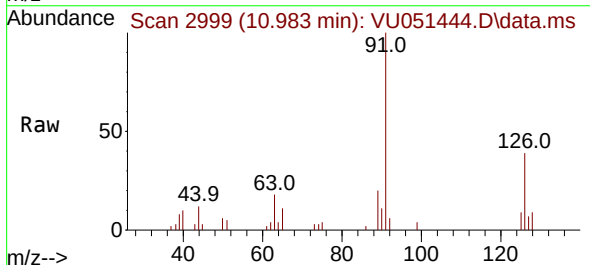
Manual Integrations
APPROVED

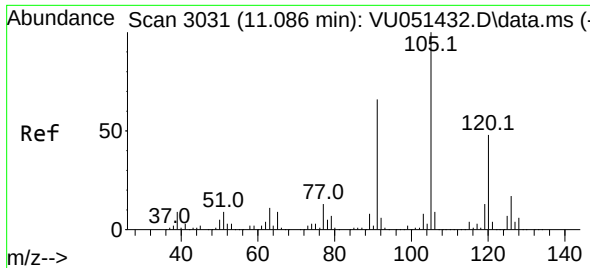
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#74
2-Chlorotoluene
Concen: 0.262 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. -0.000 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

Tgt Ion:126 Resp: 3535
Ion Ratio Lower Upper
126 100
91 290.1 0.0 623.2





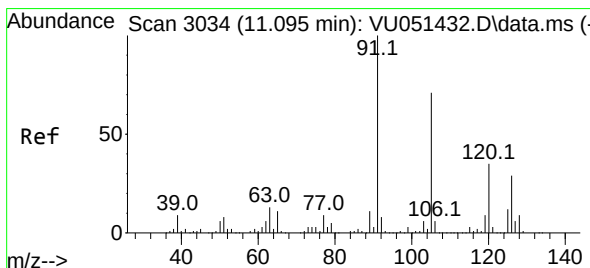
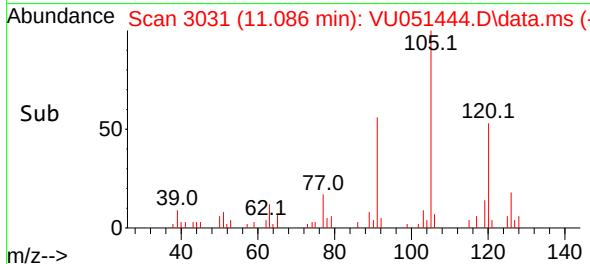
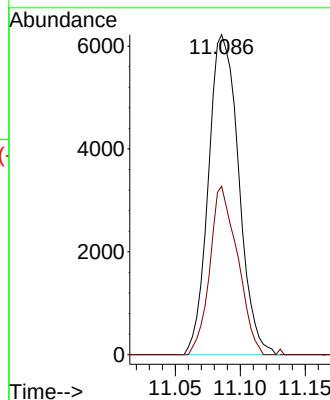
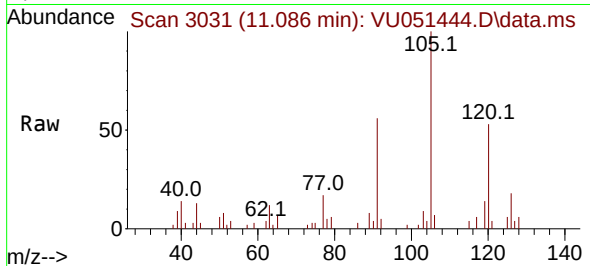
#75
1,3,5-Trimethylbenzene
Concen: 0.220 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:105 Resp: 1008
Ion Ratio Lower Upper
105 100
120 48.1 38.2 57.4

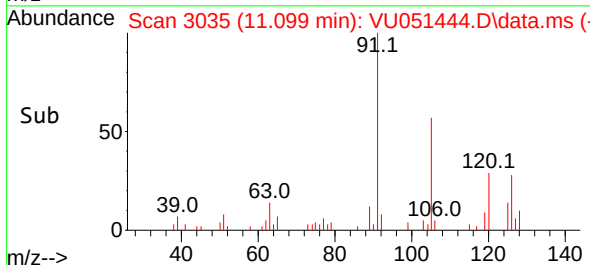
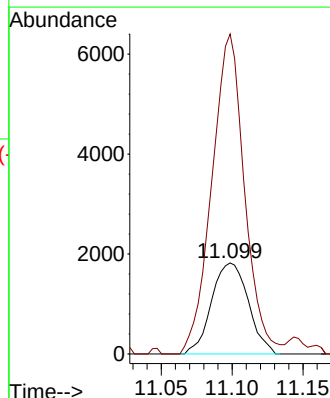
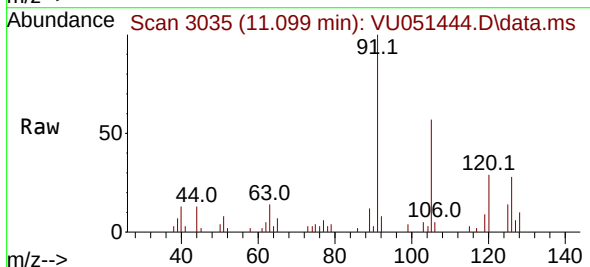
Manual Integrations
APPROVED

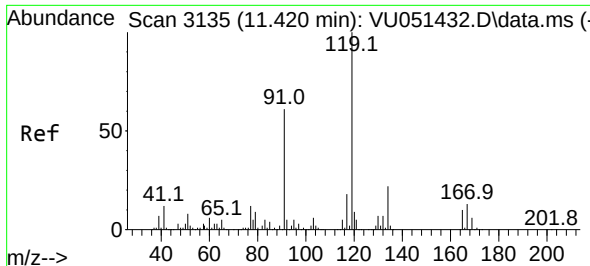
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#76
4-Chlorotoluene
Concen: 0.238 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.004 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

Tgt Ion:126 Resp: 3282
Ion Ratio Lower Upper
126 100
91 313.9 0.0 717.6





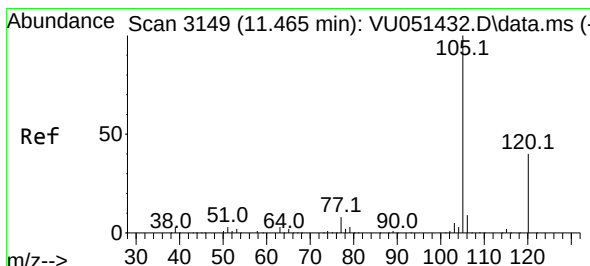
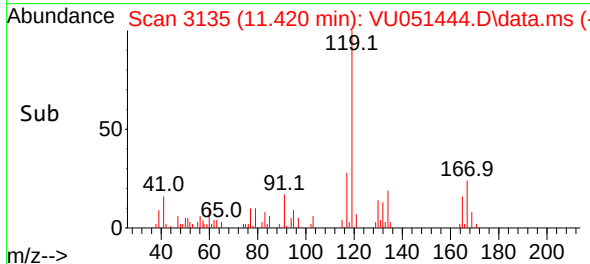
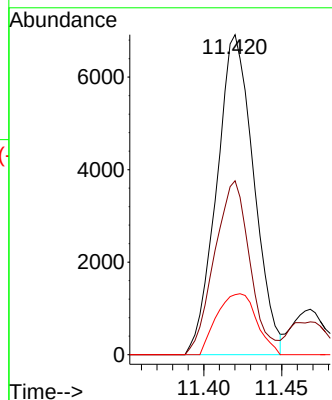
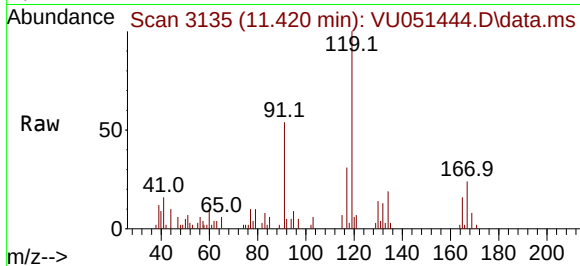
#77
tert-Butylbenzene
Concen: 0.256 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:119 Resp: 1143
Ion Ratio Lower Upper
119 100
91 52.3 29.8 89.5
134 20.5 17.9 26.9

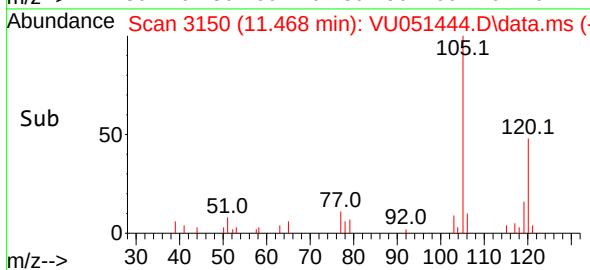
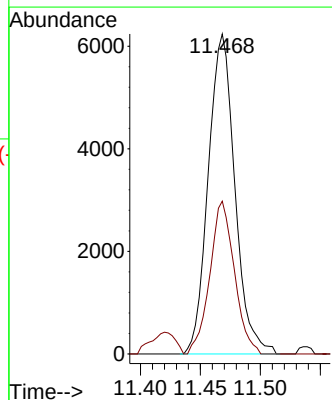
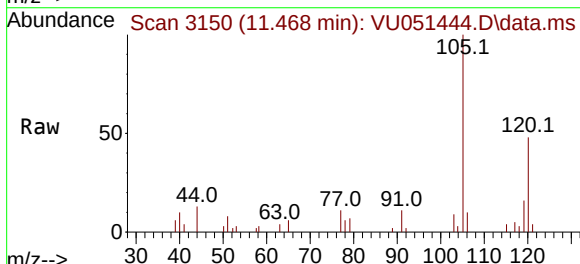
Manual Integrations
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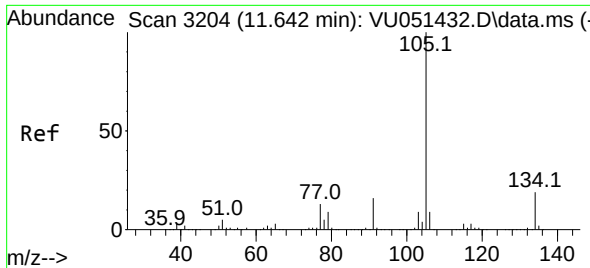
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#78
1,2,4-Trimethylbenzene
Concen: 0.202 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.003 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

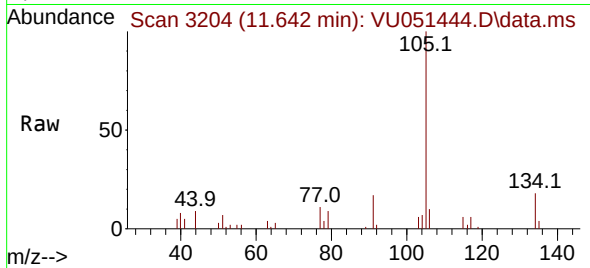
Tgt Ion:105 Resp: 9629
Ion Ratio Lower Upper
105 100
120 44.0 22.1 66.3





#79
 sec-Butylbenzene
 Concen: 0.212 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU051444.D
 Acq: 18 Oct 2022 16:18

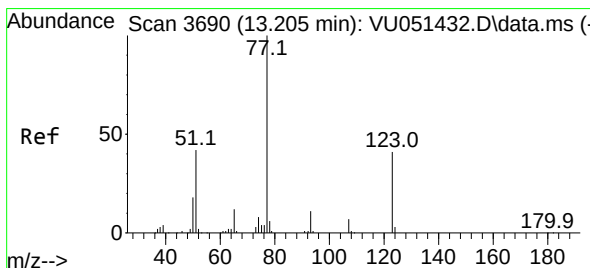
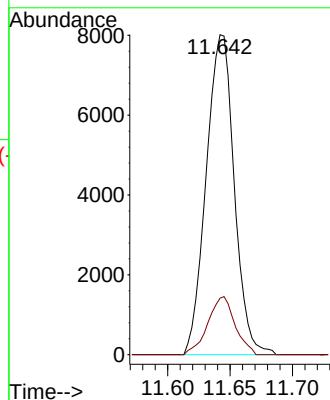
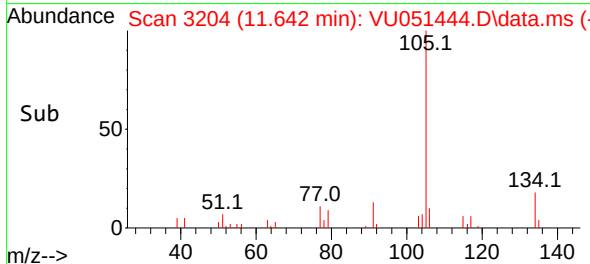
Instrument : MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022



Tgt Ion:105 Resp: 1257
 Ion Ratio Lower Upper
 105 100
 134 17.6 15.2 22.8

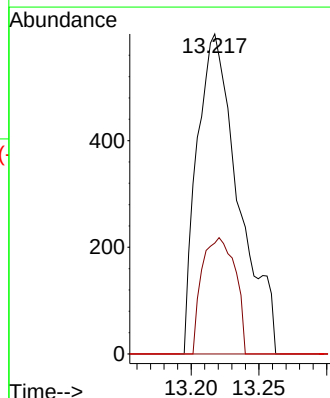
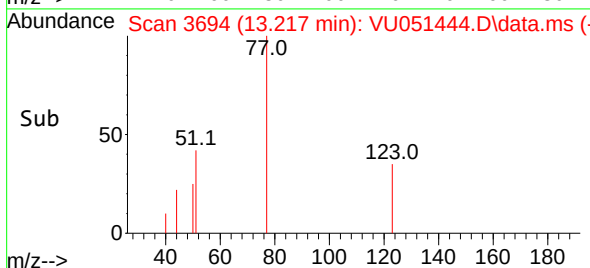
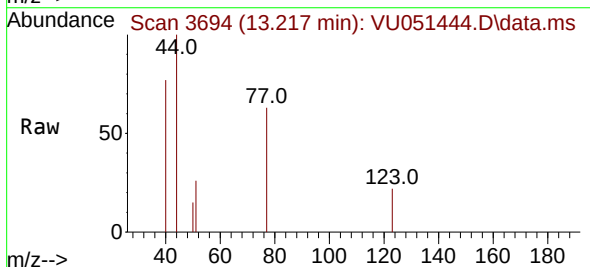
Manual Integrations
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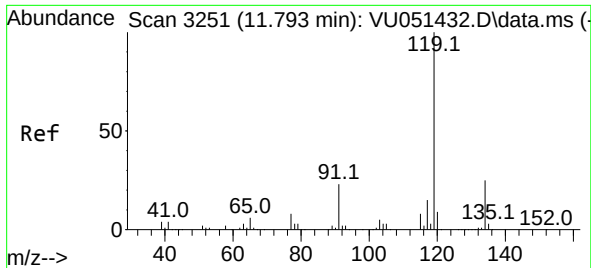
Reviewed By :Krupa Patel 10/25/2022
 Supervised By :Mahesh Dadoda 10/25/2022



#80
 Nitrobenzene
 Concen: 1.621 ug/l
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.013 min
 Lab File: VU051444.D
 Acq: 18 Oct 2022 16:18

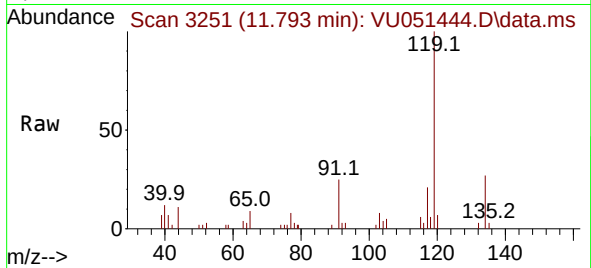
Tgt Ion: 77 Resp: 1279
 Ion Ratio Lower Upper
 77 100
 123 28.9 17.5 62.1
 65 0.0 11.1 14.1#





#81
p-Isopropyltoluene
Concen: 0.201 ug/l
RT: 11.793 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

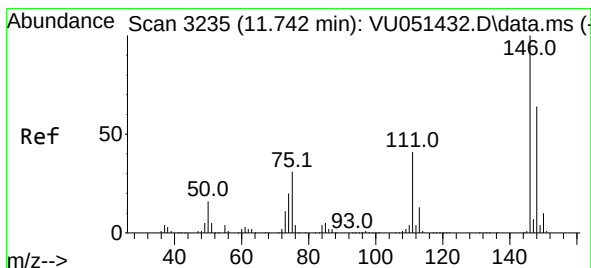
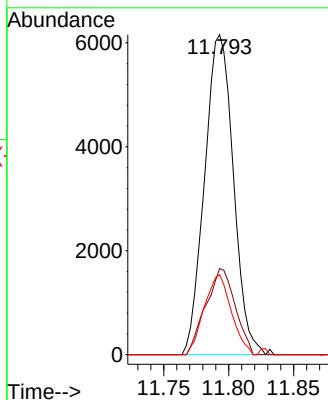
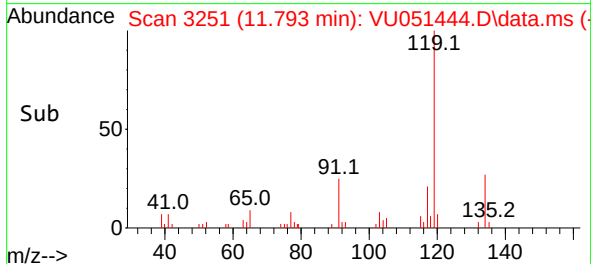
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



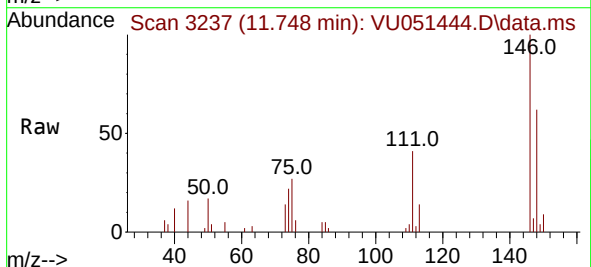
Tgt Ion:119 Resp: 950
Ion Ratio Lower Upper
119 100
134 27.4 20.3 30.5
91 23.5 18.6 27.8

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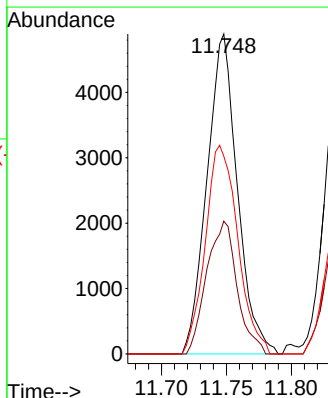
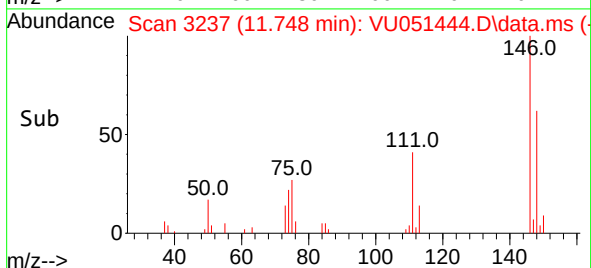
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022

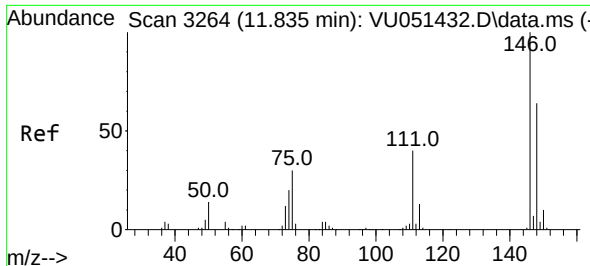


#82
1,3-Dichlorobenzene
Concen: 0.267 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.006 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18



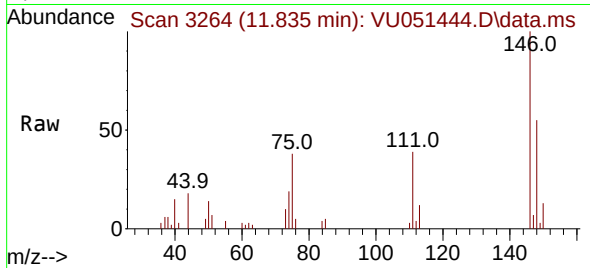
Tgt Ion:146 Resp: 7949
Ion Ratio Lower Upper
146 100
111 41.6 33.4 50.0
148 69.7 51.0 76.6





#83
1,4-Dichlorobenzene
Concen: 0.264 ug/l
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

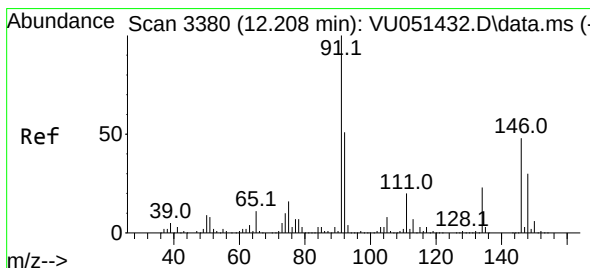
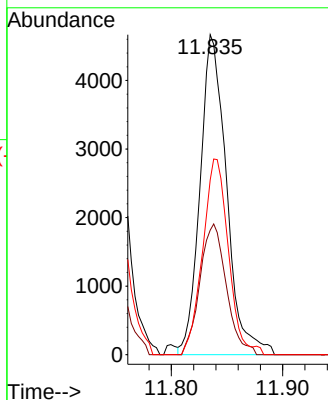
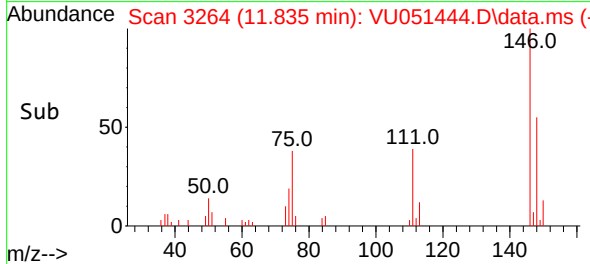
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



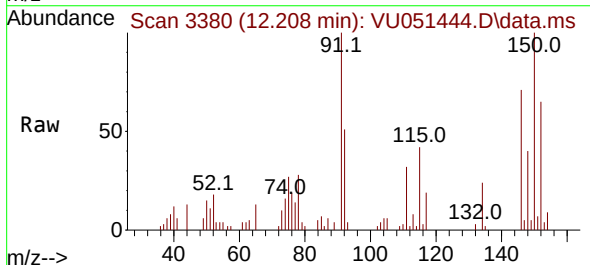
Tgt Ion:146 Resp: 768
Ion Ratio Lower Upper
146 100
111 40.9 31.6 47.4
148 59.6 50.5 75.7

Manual Integrations
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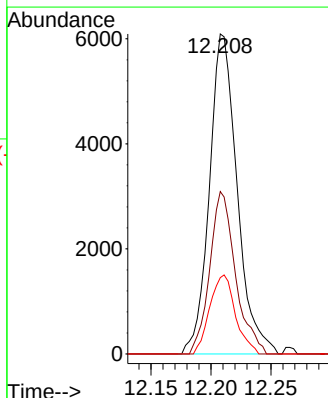
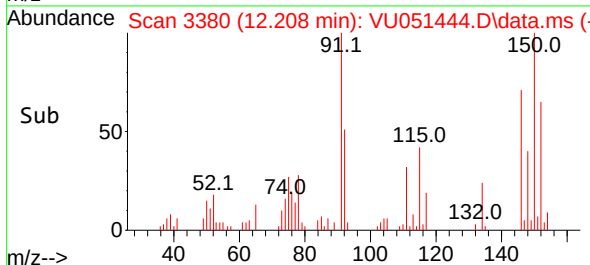
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022

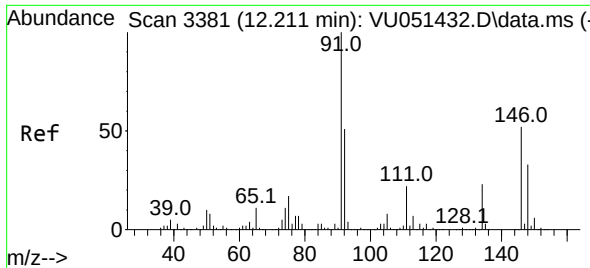


#84
n-Butylbenzene
Concen: 0.209 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18



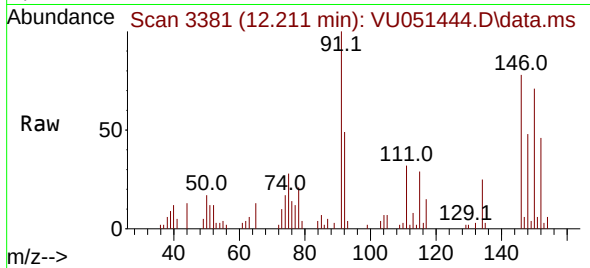
Tgt Ion: 91 Resp: 9794
Ion Ratio Lower Upper
91 100
92 47.1 40.6 61.0
134 22.8 18.3 27.5





#85
1,2-Dichlorobenzene
Concen: 0.263 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

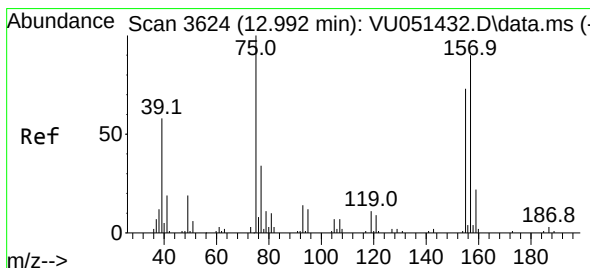
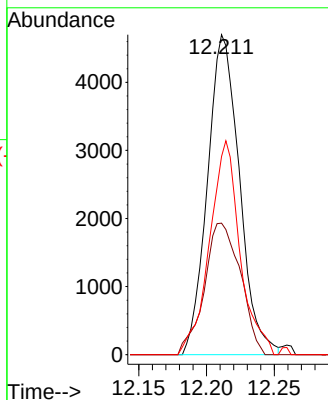
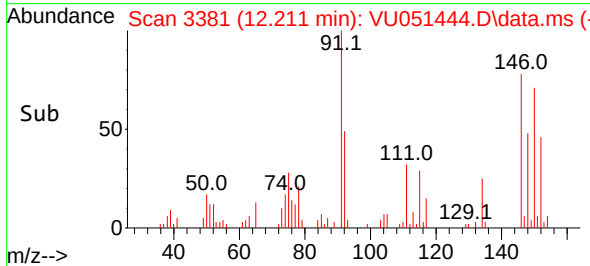
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



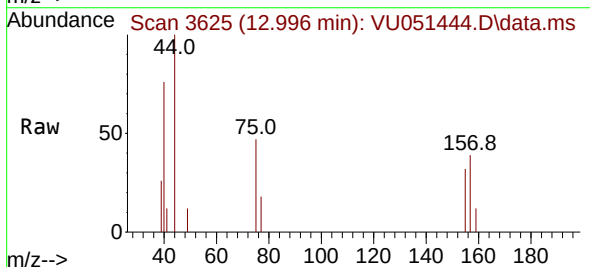
Tgt Ion:146 Resp: 772
Ion Ratio Lower Upper
146 100
111 46.2 21.3 63.9
148 63.5 31.8 95.4

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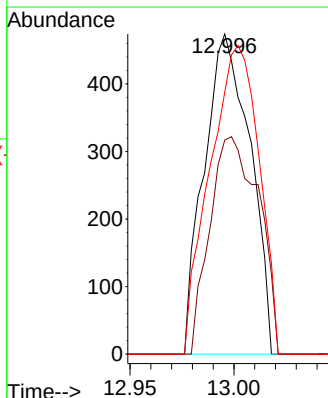
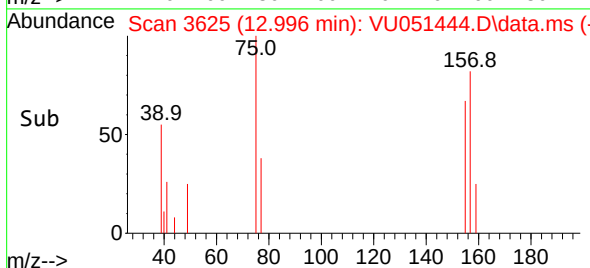
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022

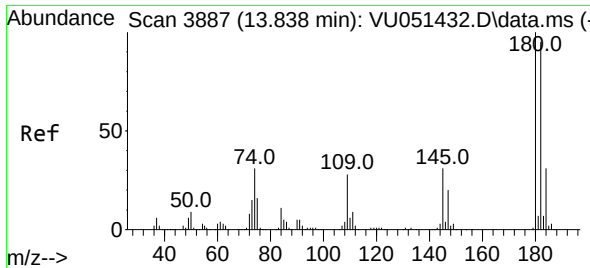


#86
1,2-Dibromo-3-Chloropropane
Concen: 0.292 ug/l
RT: 12.996 min Scan# 3625
Delta R.T. 0.003 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18



Tgt Ion: 75 Resp: 728
Ion Ratio Lower Upper
75 100
155 72.5 58.5 87.7
157 103.4 75.3 112.9





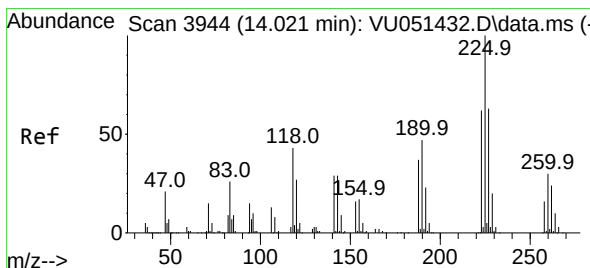
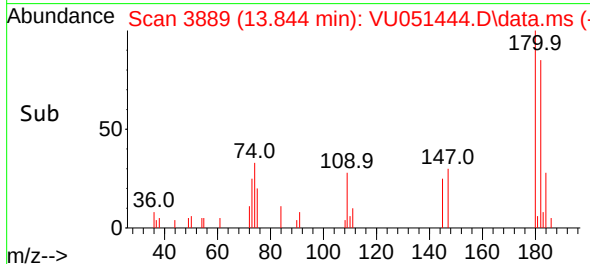
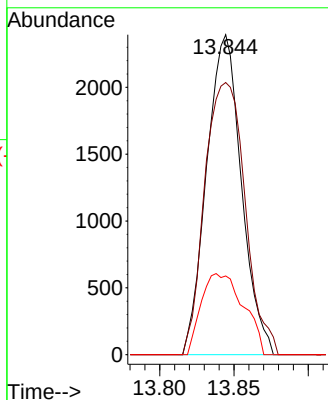
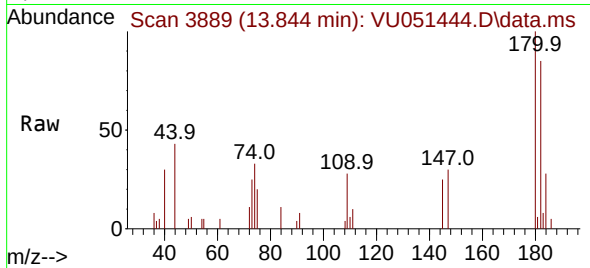
#87
1,2,4-Trichlorobenzene
Concen: 0.245 ug/l
RT: 13.844 min Scan# 3902
Delta R.T. 0.006 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:180 Resp: 3902
Ion Ratio Lower Upper
180 100
182 98.6 75.9 113.9
145 30.7 24.9 37.3

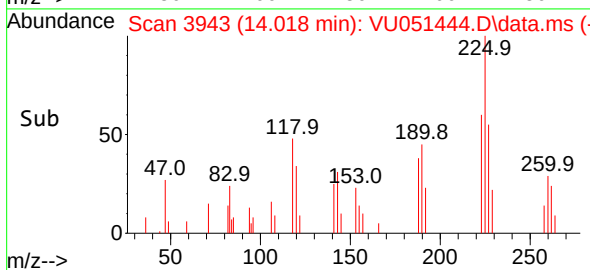
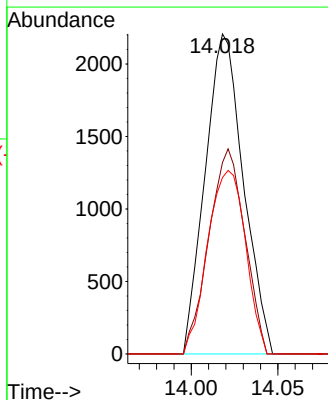
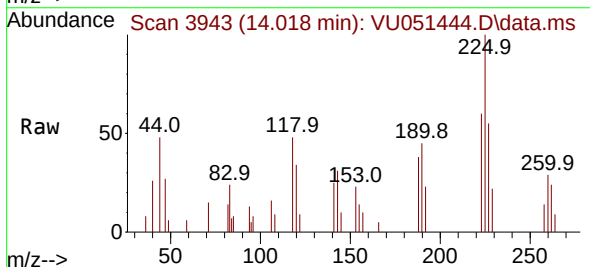
Manual Integrations
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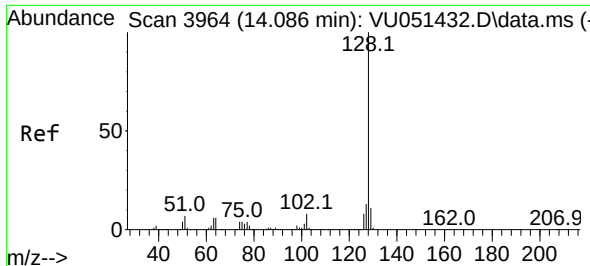
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#88
Hexachlorobutadiene
Concen: 0.326 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. -0.003 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

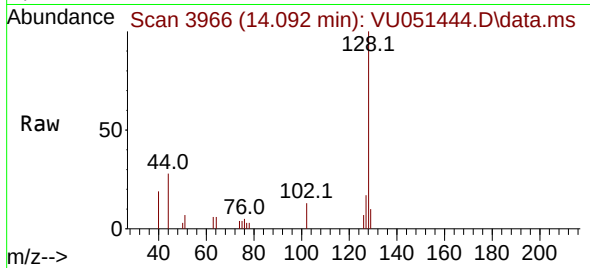
Tgt Ion:225 Resp: 3384
Ion Ratio Lower Upper
225 100
223 60.3 50.1 75.1
227 56.9 51.4 77.2





#89
Naphthalene
Concen: 0.224 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18

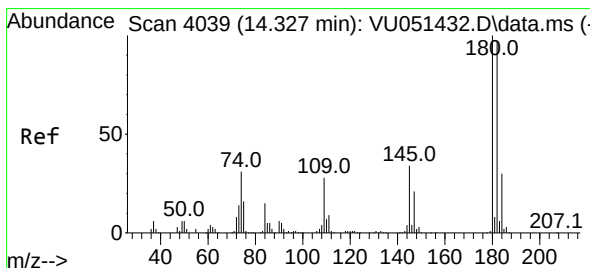
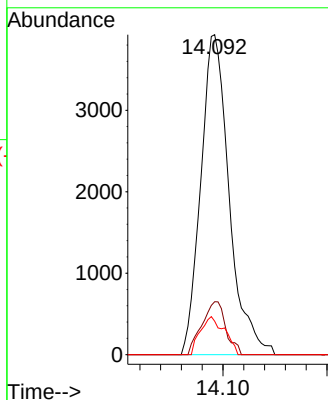
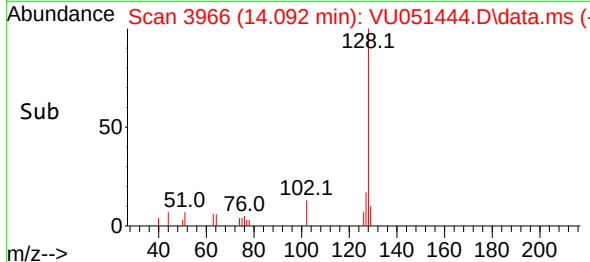
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2022



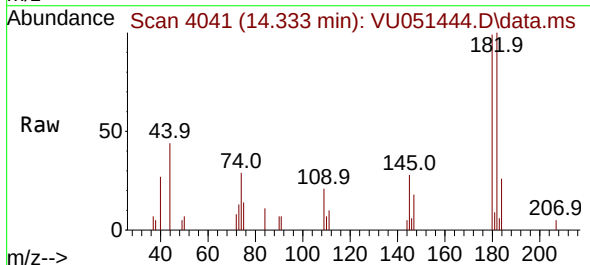
Tgt Ion:128 Resp: 7444
Ion Ratio Lower Upper
128 100
127 13.9 10.7 16.1
129 10.1 8.4 12.6

Manual Integrations
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Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#90
1,2,3-Trichlorobenzene
Concen: 0.258 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.006 min
Lab File: VU051444.D
Acq: 18 Oct 2022 16:18



Tgt Ion:180 Resp: 4487
Ion Ratio Lower Upper
180 100
182 88.8 75.8 113.6
145 29.8 26.6 39.8

