

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101822\
 Data File : VU051441.D
 Acq On : 18 Oct 2022 14:51
 Operator : JC/MD
 Sample : N4955-08 0.5PPB
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT4-2022

Quant Time: Oct 19 03:55:14 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	6.115	96	50557	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	14520	0.819	ug/l	0.00
Spiked Amount 1.000			Recovery	=	82.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	17166	0.867	ug/l	0.00
Spiked Amount 1.000			Recovery	=	87.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	9107m	0.516	ug/l	
3) Chloromethane	1.533	50	13940	0.501	ug/l	99
4) Vinyl Chloride	1.604	62	11312m	0.470	ug/l	
5) Bromomethane	1.858	94	8326	0.620	ug/l	94
6) Chloroethane	1.932	64	7773	0.566	ug/l	96
7) Trichlorofluoromethane	2.137	101	13964	0.519	ug/l	91
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	7423	0.500	ug/l	98
9) 1,1-Dichloroethene	2.581	96	8037	0.518	ug/l	98
10) Iodomethane	2.723	142	9924	0.494	ug/l	93
11) Allyl Chloride	2.922	41	12307	0.520	ug/l	93
12) Acrylonitrile	3.317	53	5149	1.128	ug/l	98
13) Acetone	2.629	43	9265	2.818	ug/l	95
14) Carbon Disulfide	2.790	76	28943	0.523	ug/l	100
15) Methylene Chloride	3.044	84	20858	0.918	ug/l	95
16) trans-1,2-Dichloroethene	3.353	96	9069	0.510	ug/l	90
17) 1,1-Dichloroethane	3.867	63	16214	0.507	ug/l	96
18) 2-Butanone	4.726	43	8780	2.201	ug/l	97
19) Cyclohexane	5.385	56	8372m	0.422	ug/l	
20) Methylcyclohexane	6.758	83	8108	0.412	ug/l	91
21) 2,2-Dichloropropane	4.665	77	10644	0.477	ug/l	98
22) cis-1,2-Dichloroethene	4.665	96	8547	0.508	ug/l	96
23) Diethyl Ether	2.379	59	6283	0.464	ug/l	# 86
24) tert-Butyl Alcohol	3.202	59	6146	4.326	ug/l	100
25) Methyl tert-Butyl Ether	3.369	73	20651	0.512	ug/l	# 79
26) Bromochloromethane	4.977	128	4095	0.499	ug/l	97
27) Chloroform	5.089	83	16015	0.494	ug/l	98
28) 1,1,1-Trichloroethane	5.317	97	13204	0.511	ug/l	97
29) 1,1-Dichloropropene	5.526	75	8420	0.425	ug/l	98
30) Carbon Tetrachloride	5.523	117	10375	0.476	ug/l	86
31) Isopropyl Ether	4.005	45	18577	0.491	ug/l	89
32) Ethyl-t-butyl ether	4.510	59	15840	0.458	ug/l	98
33) Tert-Amyl methyl ether	5.948	73	12067	0.398	ug/l	97
34) Propionitrile	4.790	54	3385	2.524	ug/l	# 67
35) Benzene	5.774	78	31283	0.471	ug/l	93
36) 1,2-Dichloroethane	5.800	62	10305	0.503	ug/l	# 86
37) Trichloroethene	6.542	130	7384	0.473	ug/l	82
38) 1,2-Dichloropropane	6.796	63	8325	0.457	ug/l	97
39) Methacrylonitrile	4.993	41	2237	0.488	ug/l	# 66
40) Methyl acrylate	4.864	55	3059	0.419	ug/l	# 71
41) Tetrahydrofuran	5.067	42	2286m	0.950	ug/l	
42) 1-Chlorobutane	5.462	56	11705	0.433	ug/l	86
43) Dibromomethane	6.919	93	4327	0.457	ug/l	95
44) Bromodichloromethane	7.105	83	10956	0.478	ug/l	95

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 LOQ-WATER-02-QT4-2022

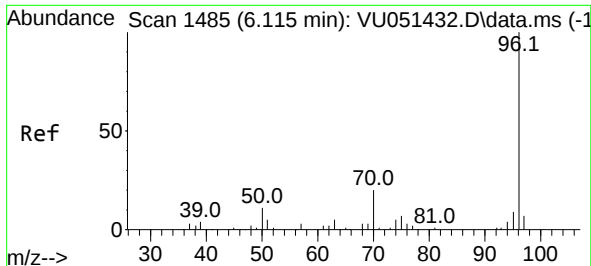
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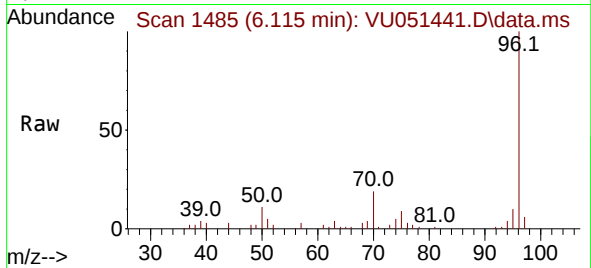
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	17249	1.915	ug/l	95
46) t-1,4-Dichloro-2-butene	10.825	75	4963m	0.987	ug/l	
47) Methyl methacrylate	6.967	69	5610	0.775	ug/l	94
48) Ethyl methacrylate	8.340	69	4477	0.369	ug/l	93
49) Toluene	7.970	92	13814	0.379	ug/l	90
50) t-1,3-Dichloropropene	8.211	75	7769	0.422	ug/l	92
51) cis-1,3-Dichloropropene	7.610	75	9021	0.416	ug/l	96
52) 1,1,2-Trichloroethane	8.401	97	6374	0.472	ug/l	96
53) 1,3-Dichloropropane	8.574	76	10277	0.472	ug/l	92
54) 2-Hexanone	8.690	43	11589	1.871	ug/l	95
55) Dibromochloromethane	8.809	129	6919	0.471	ug/l	94
56) 1,2-Dibromoethane	8.925	107	5412	0.456	ug/l	97
58) Tetrachloroethene	8.552	164	6383	0.470	ug/l	95
59) Chlorobenzene	9.446	112	17643	0.441	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.533	131	7657	0.499	ug/l	97
61) Pentachloroethane	11.426	117	6469	0.474	ug/l	100
62) Hexachloroethane	12.475	117	6042	0.466	ug/l	99
63) Ethyl Benzene	9.571	91	22489	0.371	ug/l	100
64) m/p-Xylenes	9.693	106	15939	0.659	ug/l	98
65) o-Xylene	10.099	106	7756	0.330	ug/l	88
66) Styrene	10.115	104	12316	0.316	ug/l	97
67) Bromoform	10.288	173	3924	0.476	ug/l #	99
69) Isopropylbenzene	10.484	105	19129	0.330	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.780	83	8183	0.448	ug/l	97
71) 1,2,3-Trichloropropane	10.822	75	6658m	0.490	ug/l	
72) Bromobenzene	10.783	156	6631	0.417	ug/l	94
73) n-propylbenzene	10.906	120	4990	0.306	ug/l	89
74) 2-Chlorotoluene	10.986	126	5341	0.345	ug/l	95
75) 1,3,5-Trimethylbenzene	11.086	105	15998	0.305	ug/l	98
76) 4-Chlorotoluene	11.095	126	5259	0.332	ug/l	85
77) tert-Butylbenzene	11.420	119	18544	0.362	ug/l	94
78) 1,2,4-Trimethylbenzene	11.465	105	16258	0.298	ug/l	96
79) sec-Butylbenzene	11.642	105	21304	0.314	ug/l	97
80) Nitrobenzene	13.211	77	2008	2.219	ug/l #	89
81) p-Isopropyltoluene	11.793	119	16180	0.298	ug/l	95
82) 1,3-Dichlorobenzene	11.745	146	13479	0.394	ug/l	99
83) 1,4-Dichlorobenzene	11.835	146	13331	0.398	ug/l	97
84) n-Butylbenzene	12.211	91	16830	0.312	ug/l	95
85) 1,2-Dichlorobenzene	12.211	146	12910	0.383	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.996	75	1180	0.413	ug/l	96
87) 1,2,4-Trichlorobenzene	13.841	180	6538	0.358	ug/l	89
88) Hexachlorobutadiene	14.021	225	5576	0.469	ug/l	98
89) Naphthalene	14.085	128	12615	0.330	ug/l	95
90) 1,2,3-Trichlorobenzene	14.333	180	7289	0.365	ug/l	98

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.115 min Scan# 14
Delta R.T. -0.000 min
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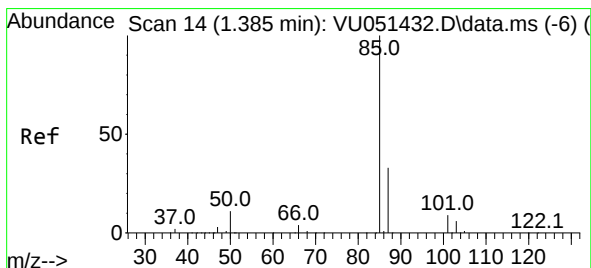
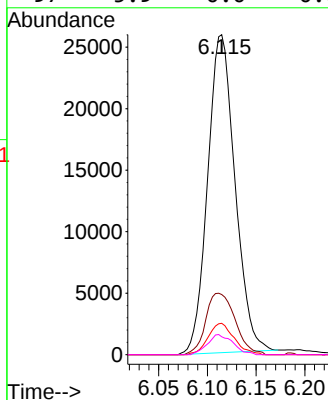
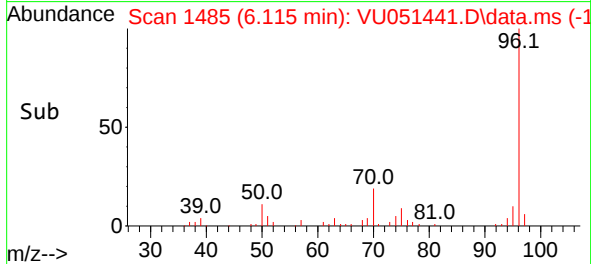
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 96 Resp: 5055
Ion Ratio Lower Upper
96 100
70 20.7 16.7 25.1
95 9.4 7.5 11.3
97 5.9 0.0 0.0#

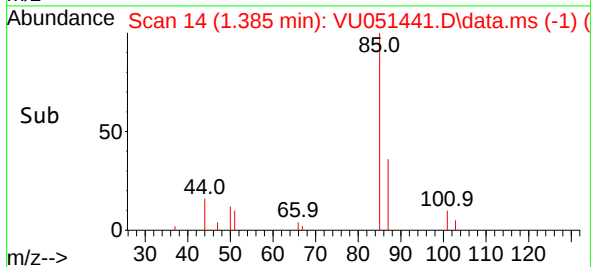
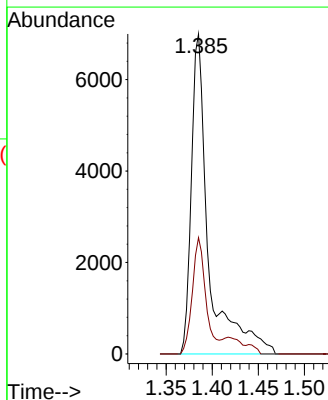
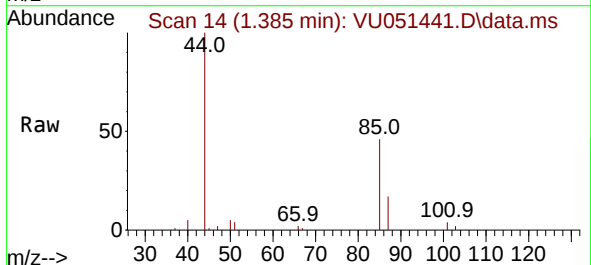
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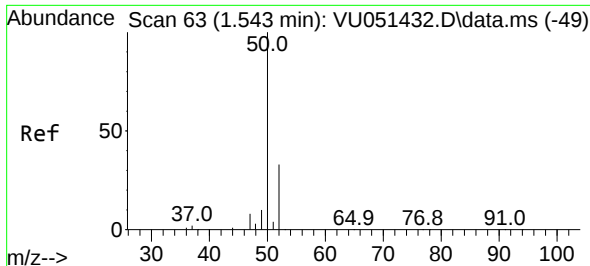
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#2
Dichlorodifluoromethane
Concen: 0.516 ug/l m
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

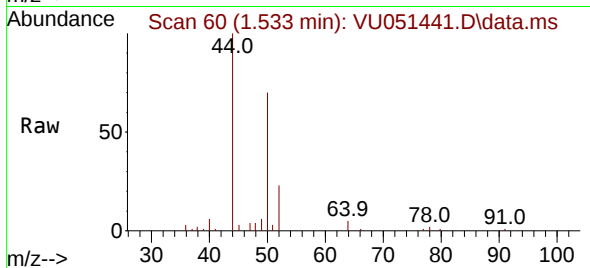
Tgt Ion: 85 Resp: 9107
Ion Ratio Lower Upper
85 100
87 36.3 16.4 49.4





#3
Chloromethane
Concen: 0.501 ug/l
RT: 1.533 min Scan# 60
Delta R.T. -0.010 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

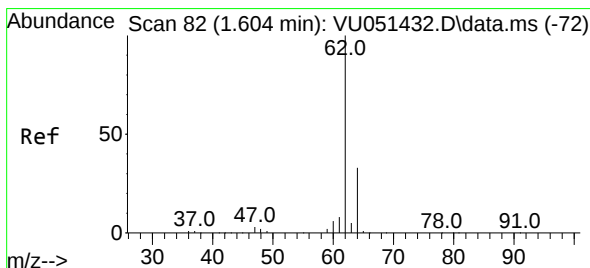
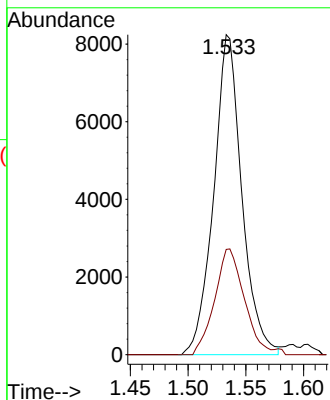
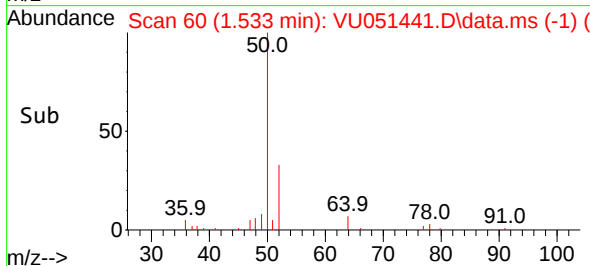
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 50 Resp: 13940
Ion Ratio Lower Upper
50 100
52 32.9 26.7 40.1

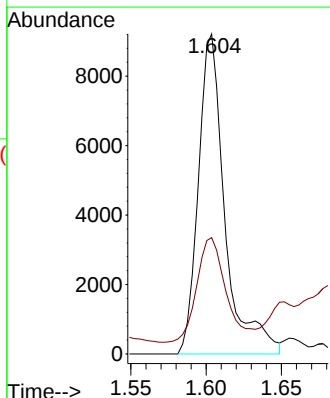
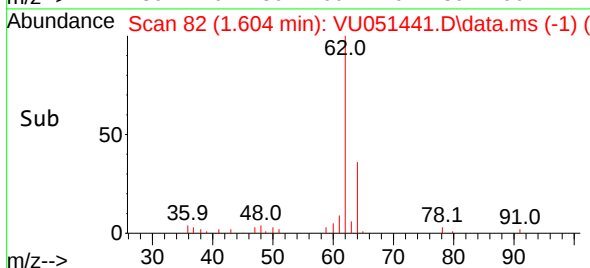
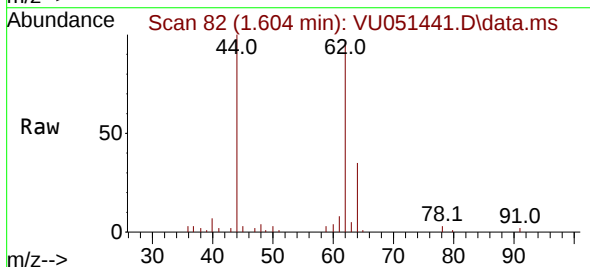
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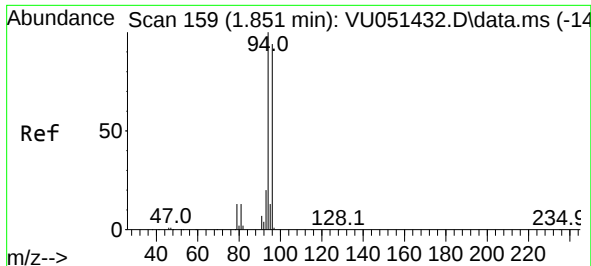
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#4
Vinyl Chloride
Concen: 0.470 ug/l m
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

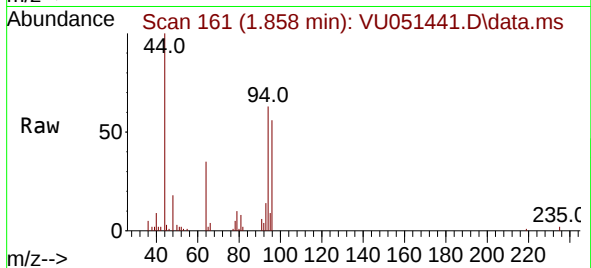
Tgt Ion: 62 Resp: 11312
Ion Ratio Lower Upper
62 100
64 36.4 26.7 40.1





#5
Bromomethane
Concen: 0.620 ug/l
RT: 1.858 min Scan# 10
Delta R.T. 0.006 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

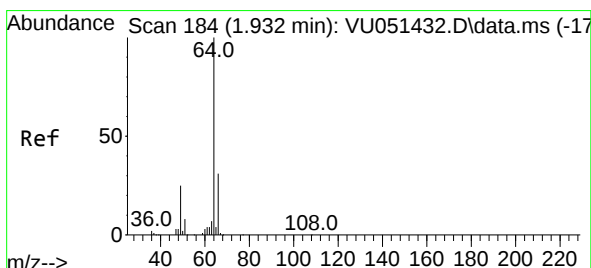
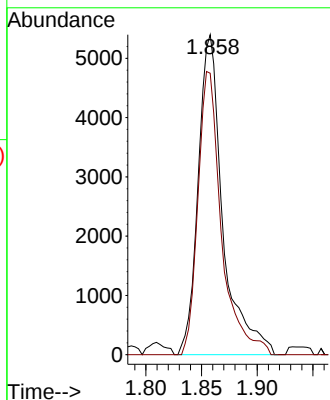
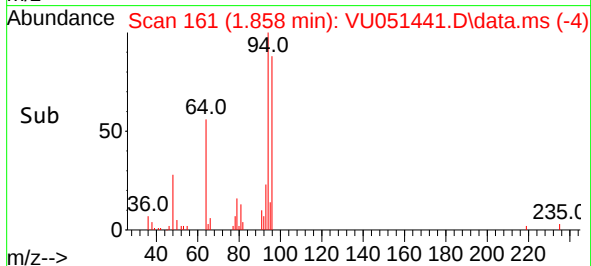
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 94 Resp: 8320
Ion Ratio Lower Upper
94 100
96 87.9 74.8 112.2

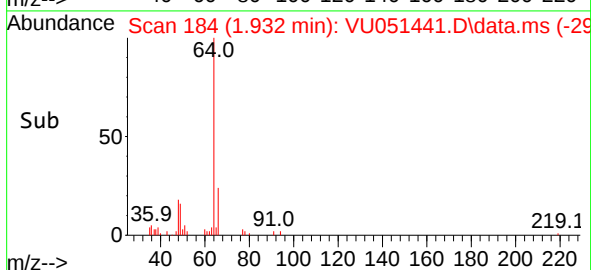
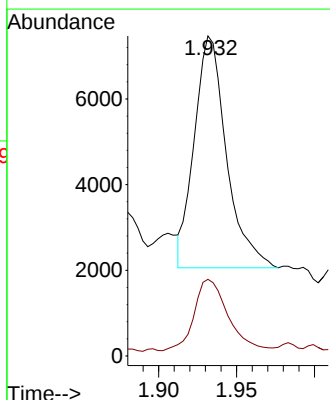
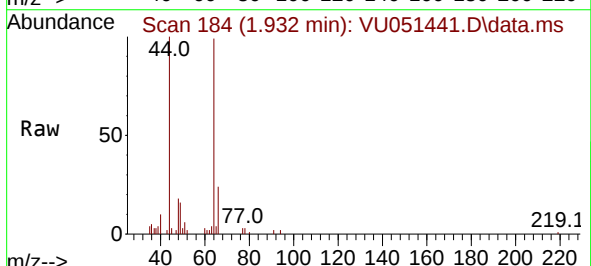
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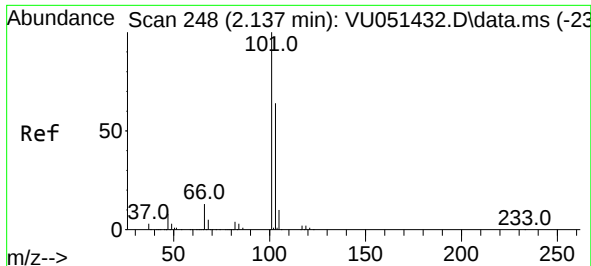
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#6
Chloroethane
Concen: 0.566 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.000 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

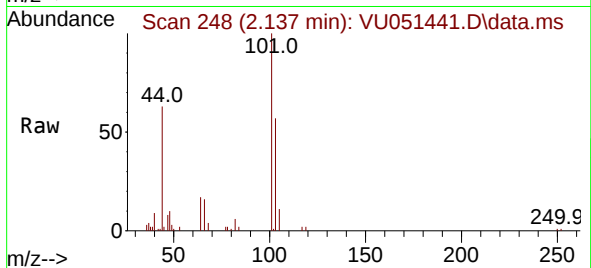
Tgt Ion: 64 Resp: 7773
Ion Ratio Lower Upper
64 100
66 29.3 25.2 37.8





#7
 Trichlorofluoromethane
 Concen: 0.519 ug/l
 RT: 2.137 min Scan# 248
 Delta R.T. -0.000 min
 Lab File: VU051441.D
 Acq: 18 Oct 2022 14:51

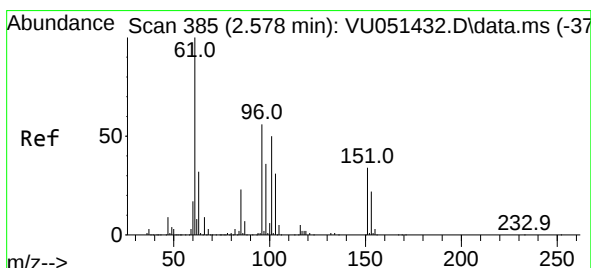
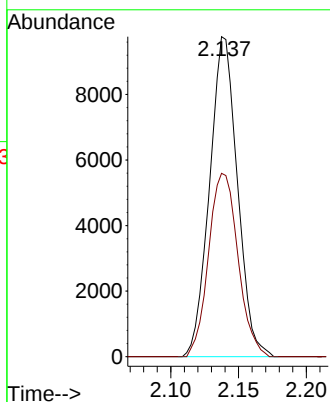
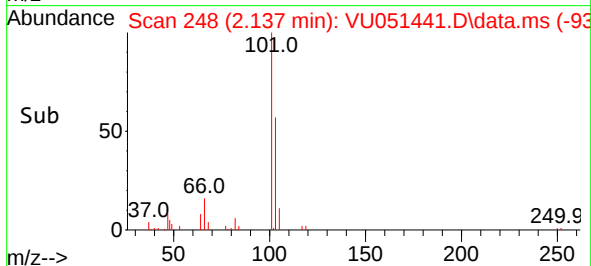
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Tgt Ion:101 Resp: 13964
 Ion Ratio Lower Upper
 101 100
 103 57.3 51.4 77.2

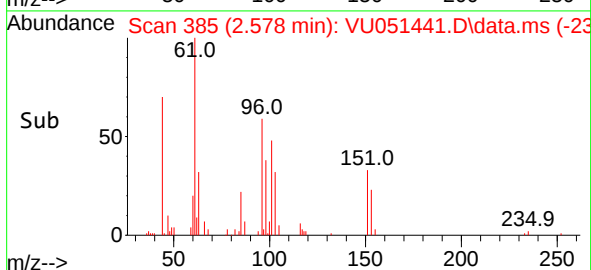
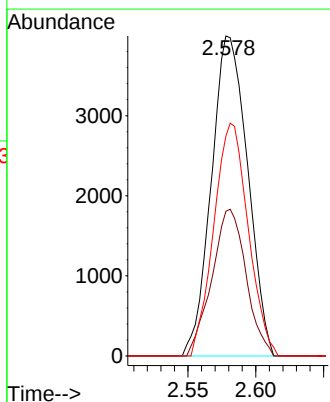
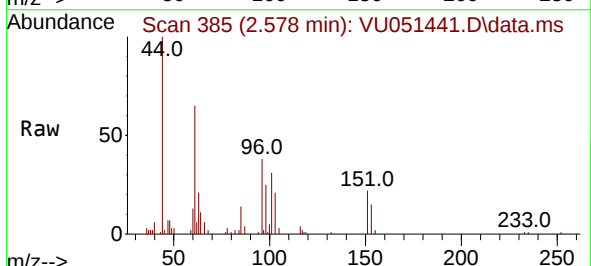
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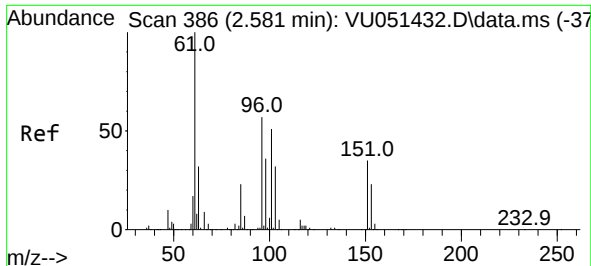
Reviewed By :Krupa Patel 10/25/2022
 Supervised By :Mahesh Dadoda 10/25/2022



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.500 ug/l
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU051441.D
 Acq: 18 Oct 2022 14:51

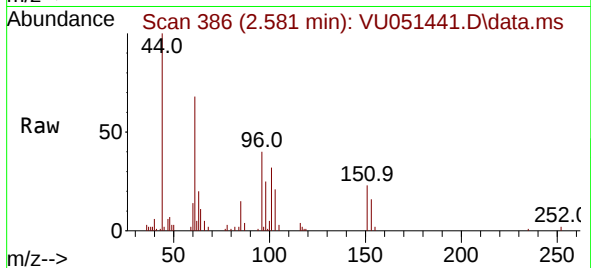
Tgt Ion:101 Resp: 7423
 Ion Ratio Lower Upper
 101 100
 85 43.3 36.6 54.8
 151 69.0 54.6 81.8





#9
1,1-Dichloroethene
Concen: 0.518 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

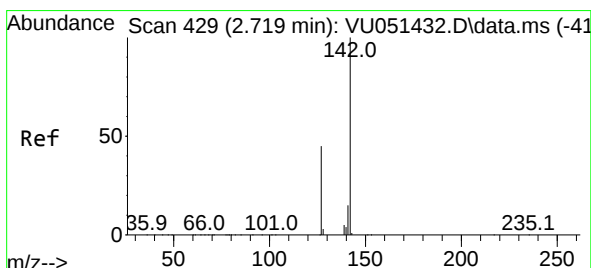
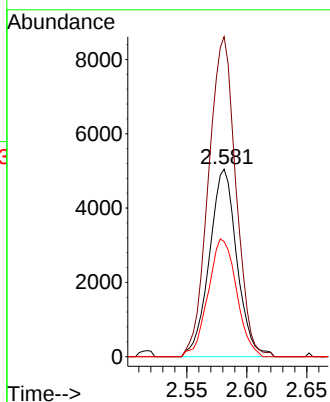
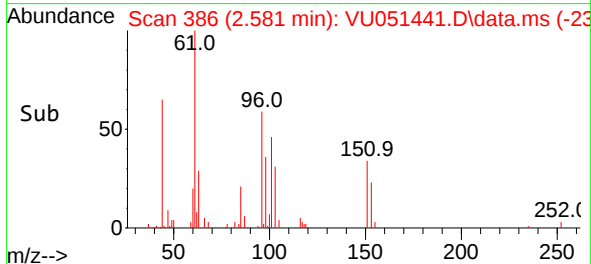
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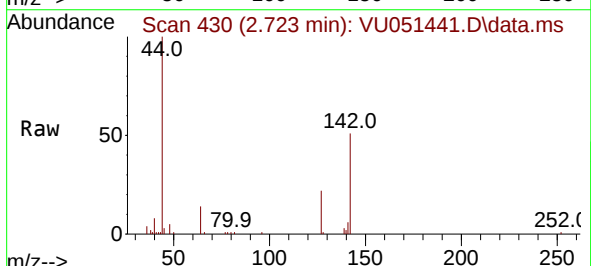
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Ion Ratio Lower Upper
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61 170.6 0.0 522.3
98 61.3 0.0 126.6

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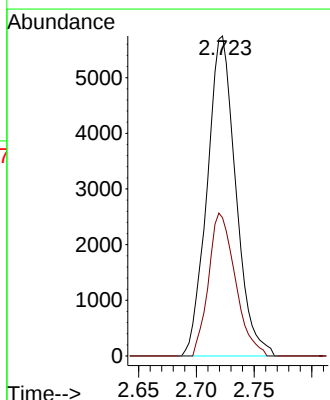
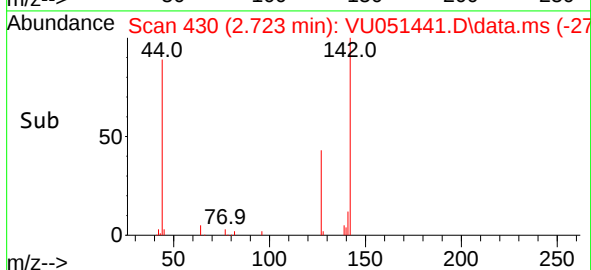
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022

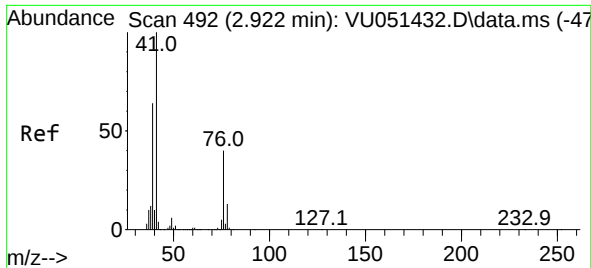


#10
Iodomethane
Concen: 0.494 ug/l
RT: 2.723 min Scan# 430
Delta R.T. 0.004 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51



Tgt Ion:142 Resp: 9924
Ion Ratio Lower Upper
142 100
127 41.6 37.0 55.4





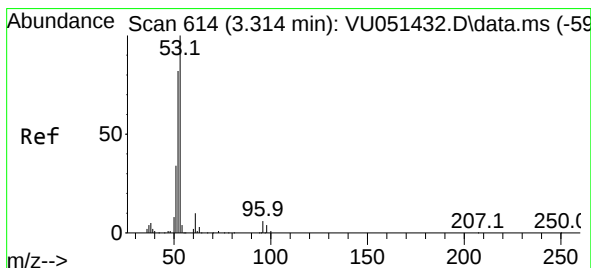
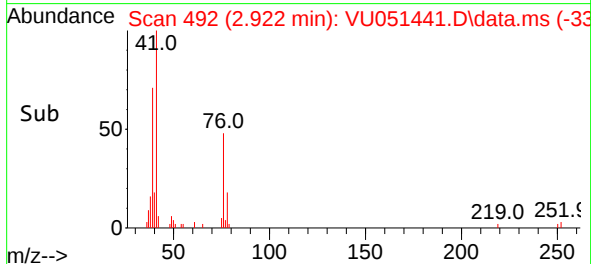
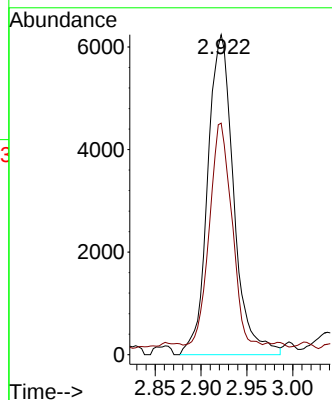
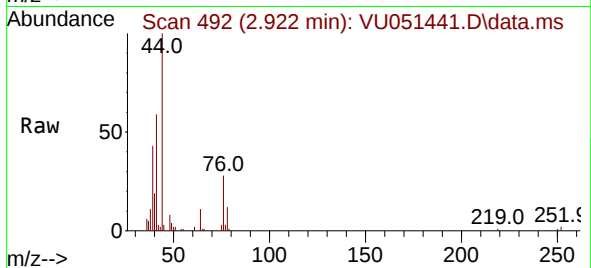
#11
 Allyl Chloride
 Concen: 0.520 ug/l
 RT: 2.922 min Scan# 492
 Delta R.T. -0.000 min
 Lab File: VU051441.D
 Acq: 18 Oct 2022 14:51

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT4-2022

Tgt Ion: 41 Resp: 1230
 Ion Ratio Lower Upper
 41 100
 39 58.9 51.4 77.0

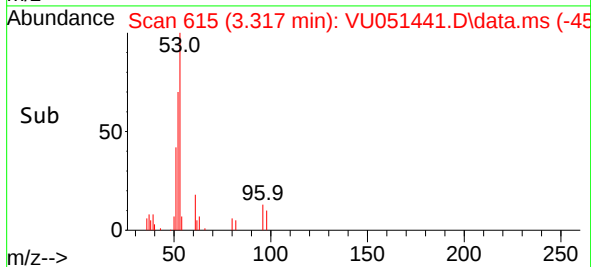
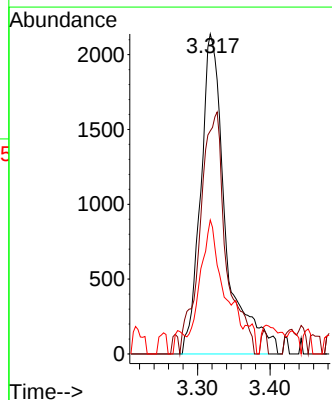
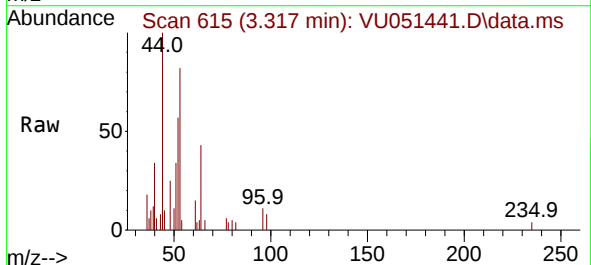
Manual Integrations
 APPROVED

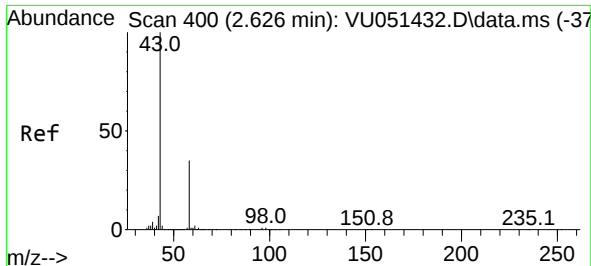
Reviewed By :Krupa Patel 10/25/2022
 Supervised By :Mahesh Dadoda 10/25/2022



#12
 Acrylonitrile
 Concen: 1.128 ug/l
 RT: 3.317 min Scan# 615
 Delta R.T. 0.003 min
 Lab File: VU051441.D
 Acq: 18 Oct 2022 14:51

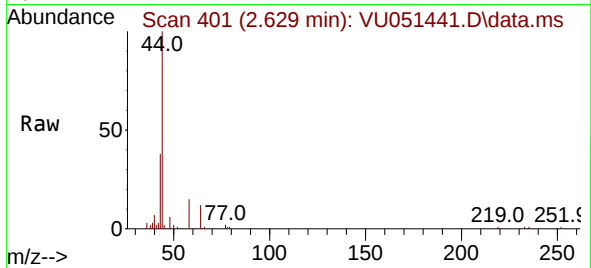
Tgt Ion: 53 Resp: 5149
 Ion Ratio Lower Upper
 53 100
 52 78.2 63.9 95.9
 51 33.8 25.9 38.9





#13
Acetone
Concen: 2.818 ug/l
RT: 2.629 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

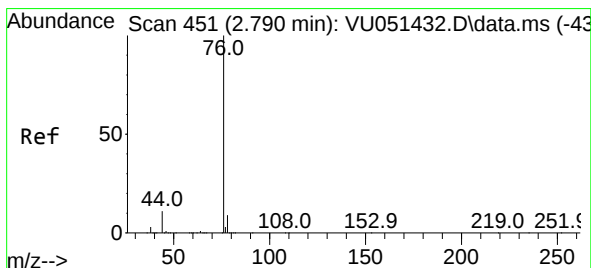
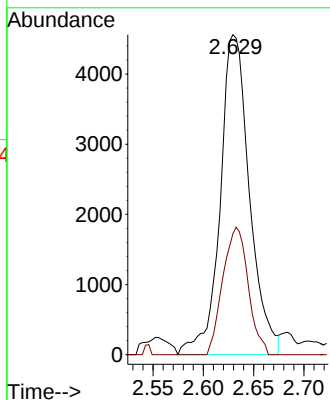
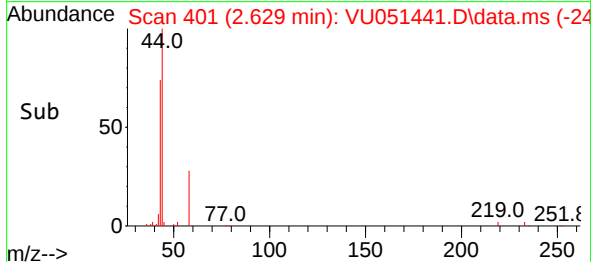
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 43 Resp: 926
Ion Ratio Lower Upper
43 100
58 37.8 27.9 41.9

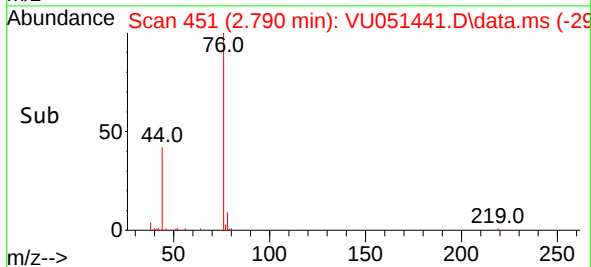
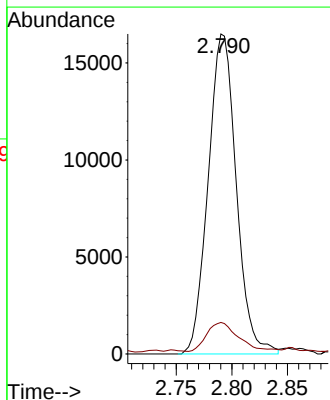
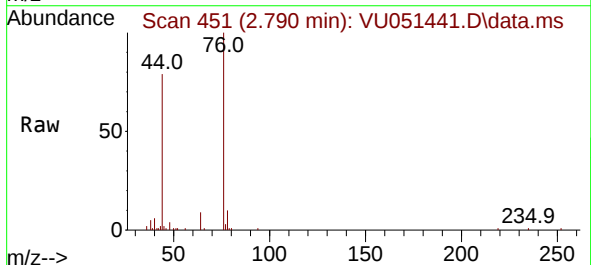
Manual Integrations
APPROVED

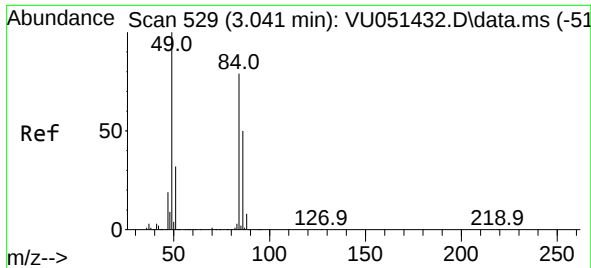
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#14
Carbon Disulfide
Concen: 0.523 ug/l
RT: 2.790 min Scan# 451
Delta R.T. -0.000 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

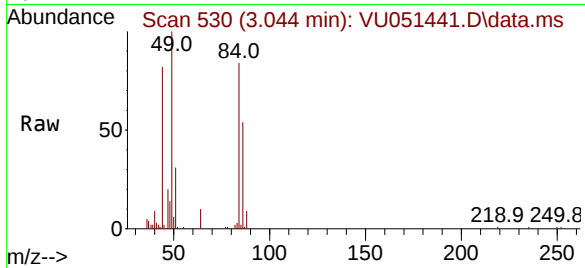
Tgt Ion: 76 Resp: 28943
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8





#15
Methylene Chloride
Concen: 0.918 ug/l
RT: 3.044 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

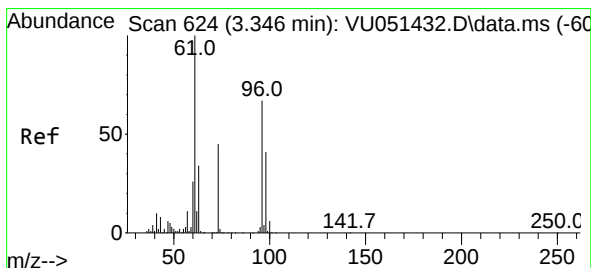
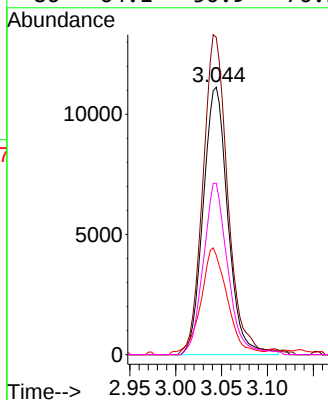
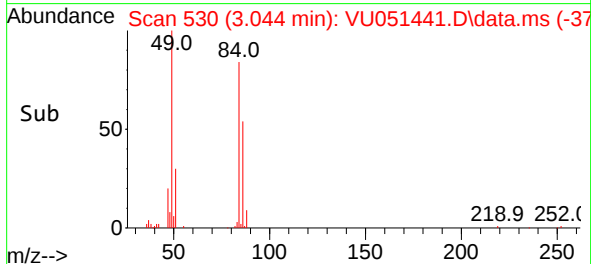
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 84 Resp: 2085
Ion Ratio Lower Upper
84 100
49 118.6 101.1 151.7
51 35.9 0.0 80.2
86 64.1 50.9 76.3

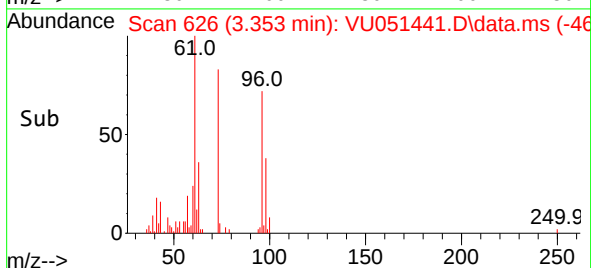
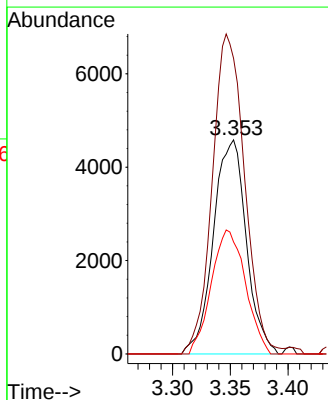
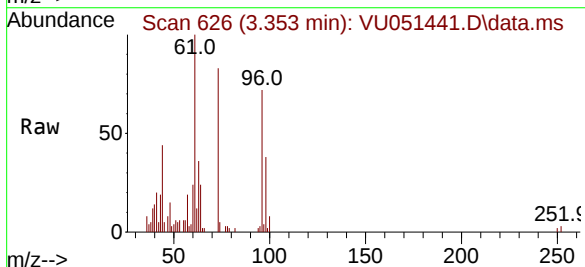
Manual Integrations
APPROVED

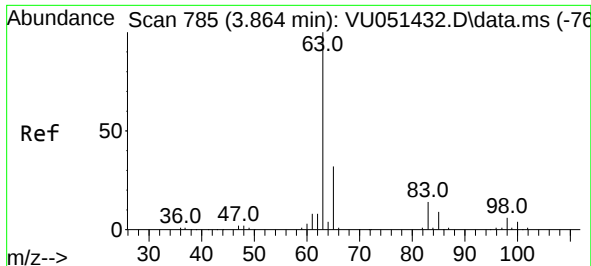
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#16
trans-1,2-Dichloroethene
Concen: 0.510 ug/l
RT: 3.353 min Scan# 626
Delta R.T. 0.006 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

Tgt Ion: 96 Resp: 9069
Ion Ratio Lower Upper
96 100
61 138.1 119.9 179.9
98 52.3 49.5 74.3





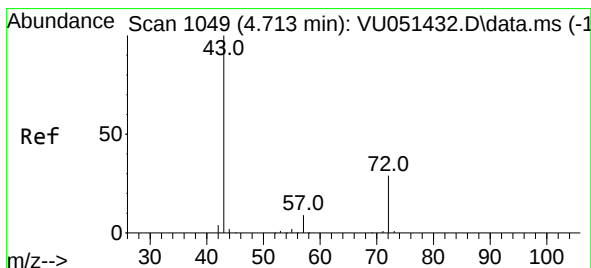
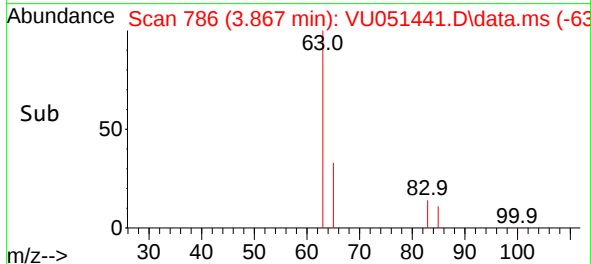
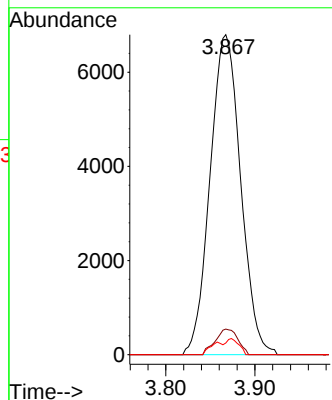
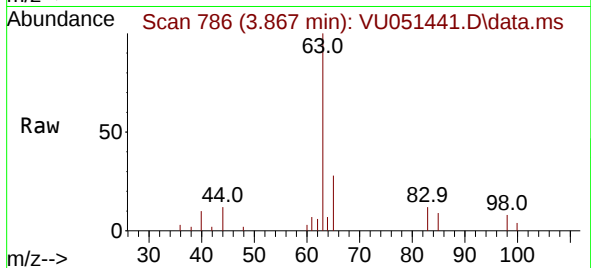
#17
1,1-Dichloroethane
Concen: 0.507 ug/l
RT: 3.867 min Scan# 714
Delta R.T. 0.003 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion: 63 Resp: 16214
Ion Ratio Lower Upper
63 100
98 8.0 3.1 9.3
100 3.6 2.1 6.3

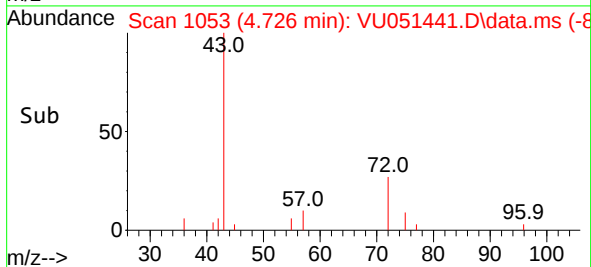
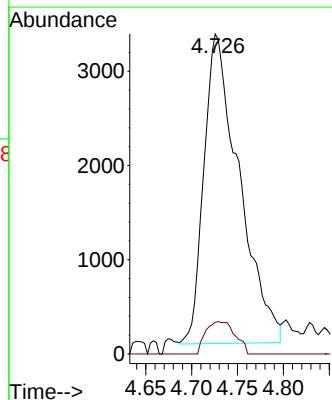
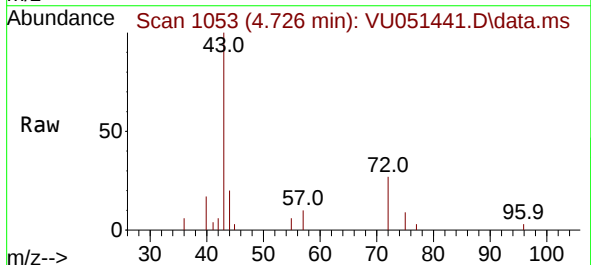
Manual Integrations
APPROVED

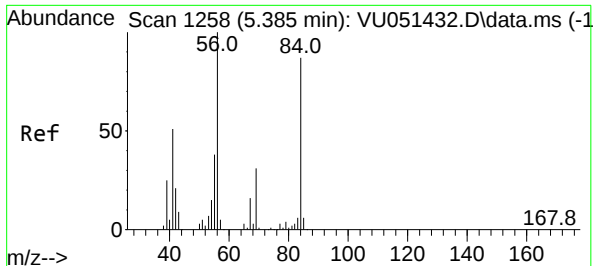
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#18
2-Butanone
Concen: 2.201 ug/l
RT: 4.726 min Scan# 1053
Delta R.T. 0.013 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

Tgt Ion: 43 Resp: 8780
Ion Ratio Lower Upper
43 100
57 10.3 0.0 18.2





#19

Cyclohexane

Concen: 0.422 ug/l m

RT: 5.385 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051441.D

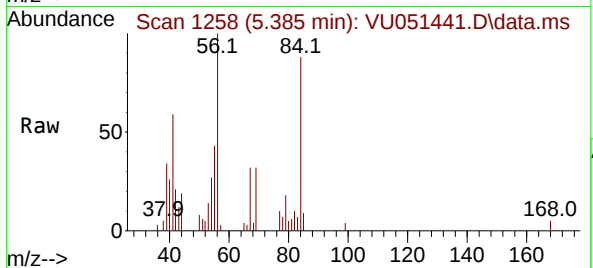
Acq: 18 Oct 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2022



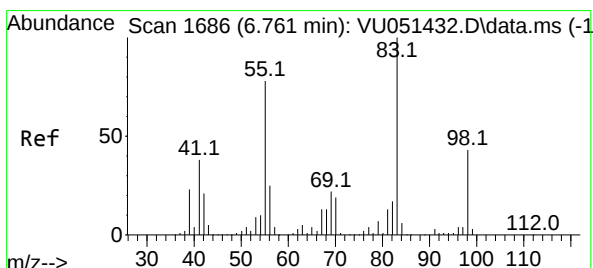
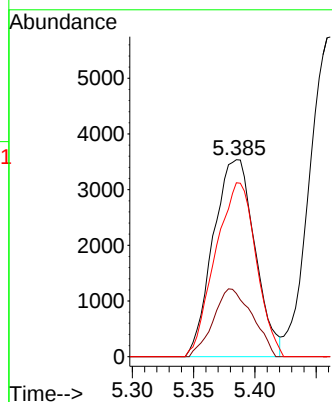
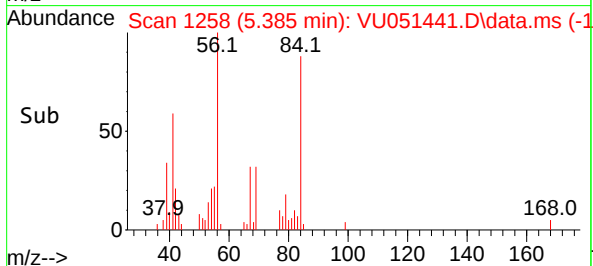
Tgt Ion:	56	Resp:	837
Ion Ratio	Lower	Upper	
56	100		
69	32.3	25.0	37.4
84	86.2	68.5	102.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/25/2022

Supervised By :Mahesh Dadoda 10/25/2022



#20

Methylcyclohexane

Concen: 0.412 ug/l

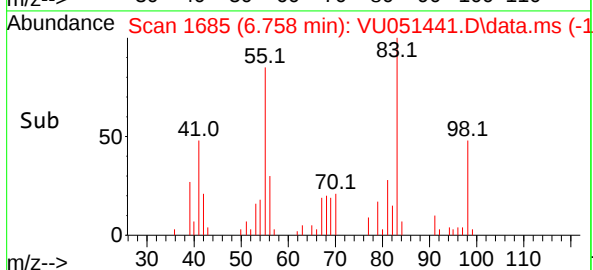
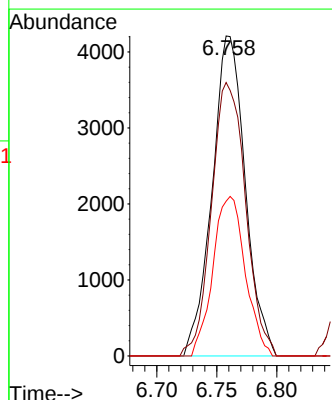
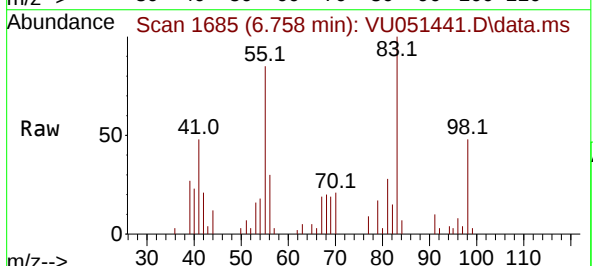
RT: 6.758 min Scan# 1685

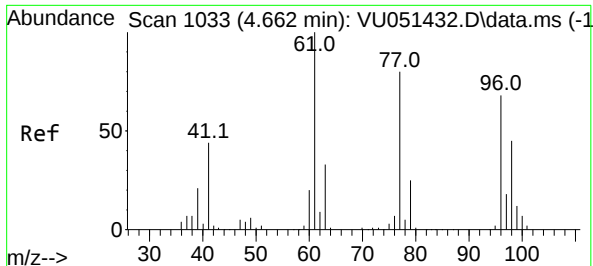
Delta R.T. -0.003 min

Lab File: VU051441.D

Acq: 18 Oct 2022 14:51

Tgt Ion:	83	Resp:	8108
Ion Ratio	Lower	Upper	
83	100		
55	87.7	62.4	93.6
98	48.6	35.5	53.3





#21

2,2-Dichloropropane

Concen: 0.477 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.003 min

Lab File: VU051441.D

Acq: 18 Oct 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion: 77 Resp: 1064

Ion Ratio Lower Upper

77 100

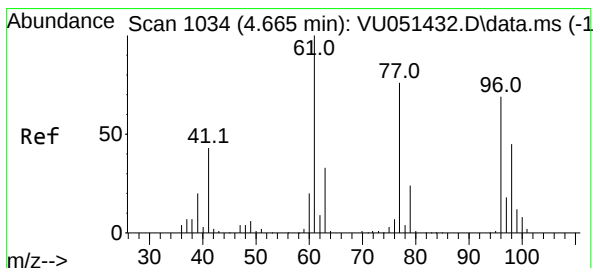
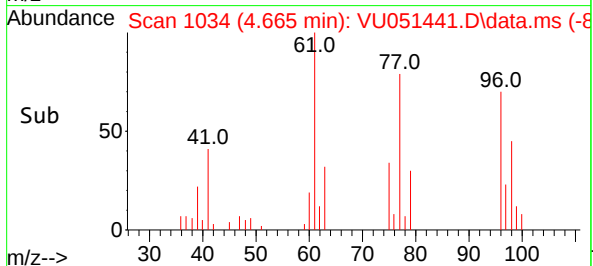
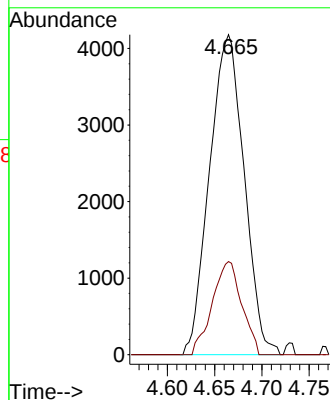
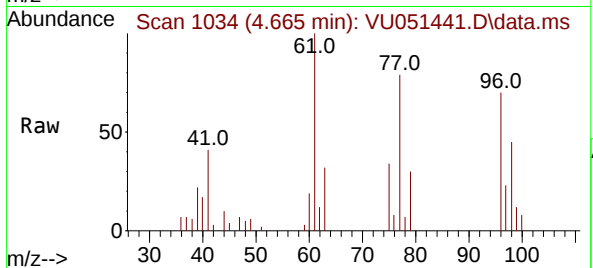
97 24.7 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/25/2022

Supervised By :Mahesh Dadoda 10/25/2022



#22

cis-1,2-Dichloroethene

Concen: 0.508 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU051441.D

Acq: 18 Oct 2022 14:51

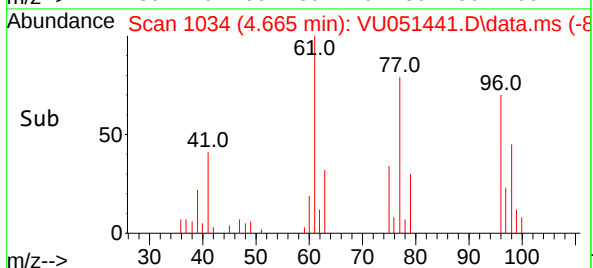
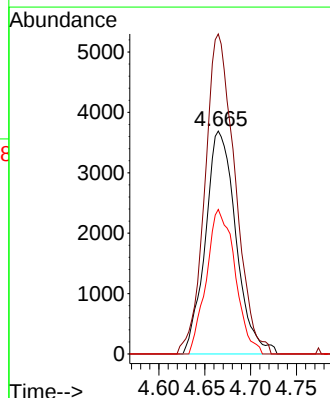
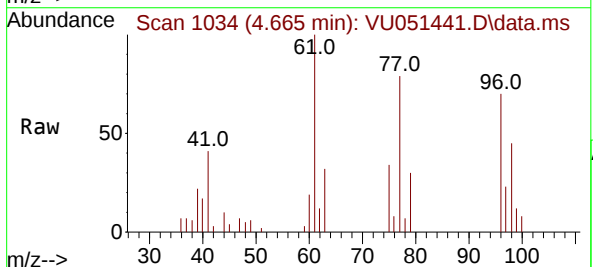
Tgt Ion: 96 Resp: 8547

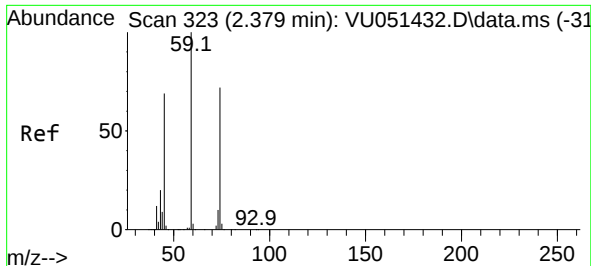
Ion Ratio Lower Upper

96 100

61 141.5 0.0 362.8

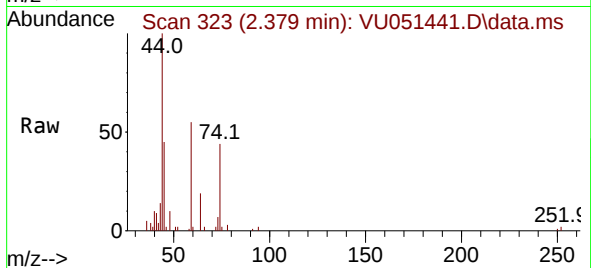
98 60.9 32.5 97.5





#23
Diethyl Ether
Concen: 0.464 ug/l
RT: 2.379 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

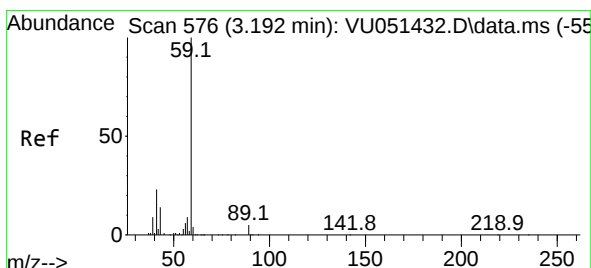
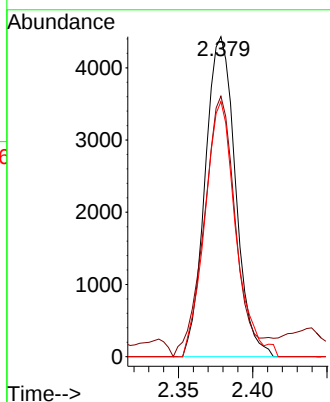
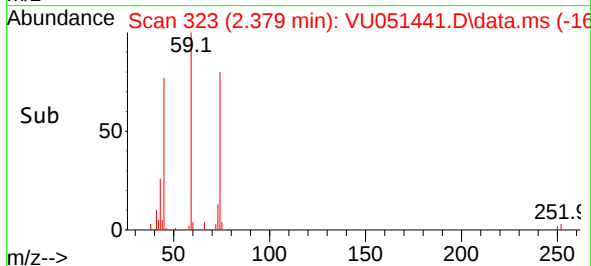
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2022



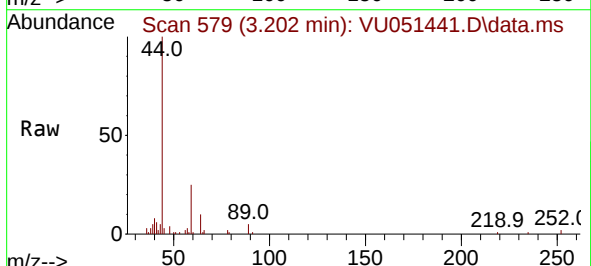
Tgt Ion: 59 Resp: 6283
Ion Ratio Lower Upper
59 100
45 83.9 55.7 83.5
74 81.3 58.2 87.4

Manual Integrations
APPROVED

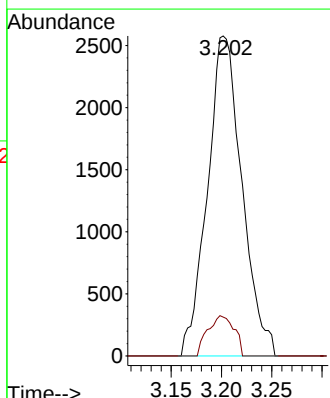
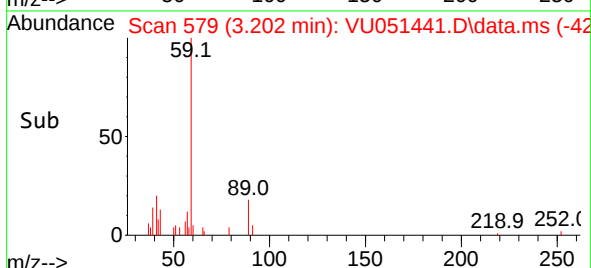
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022

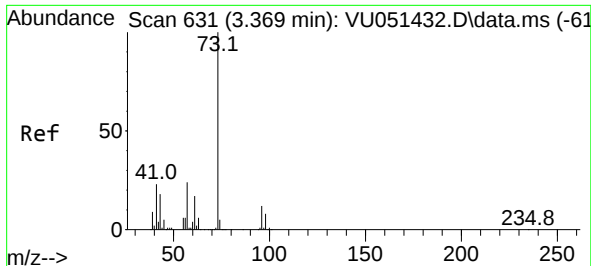


#24
tert-Butyl Alcohol
Concen: 4.326 ug/l
RT: 3.202 min Scan# 579
Delta R.T. 0.010 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51



Tgt Ion: 59 Resp: 6146
Ion Ratio Lower Upper
59 100
57 9.6 7.8 11.8





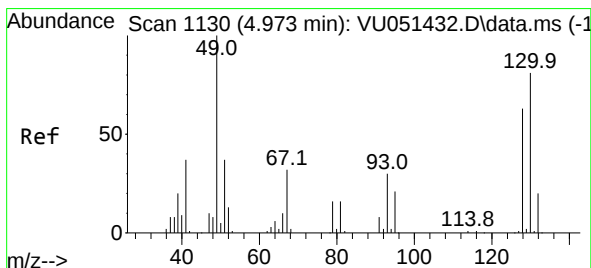
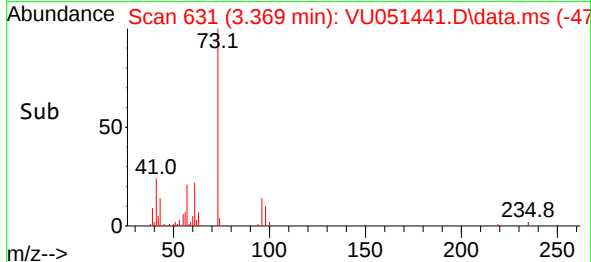
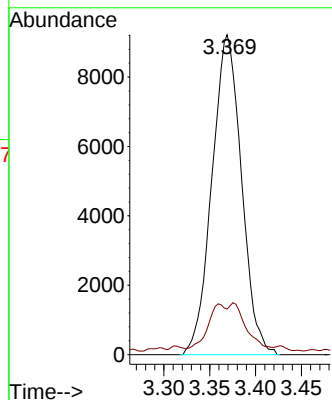
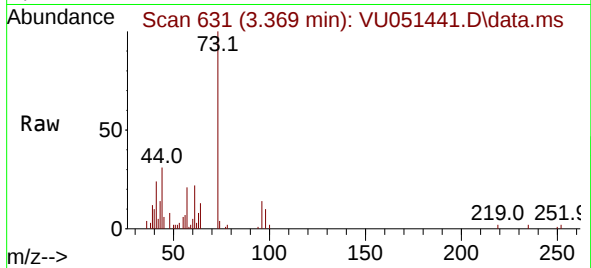
#25
Methyl tert-Butyl Ether
Concen: 0.512 ug/l
RT: 3.369 min Scan# 611
Delta R.T. -0.000 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion: 73 Resp: 2065
Ion Ratio Lower Upper
73 100
43 8.8 14.2 21.4

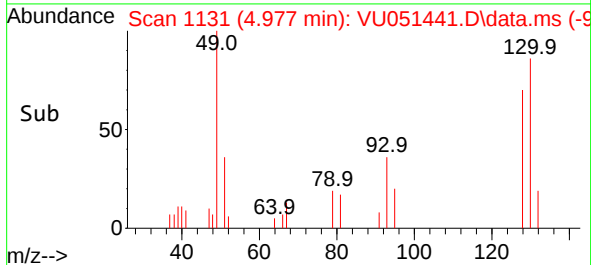
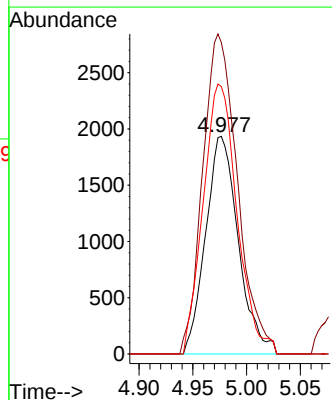
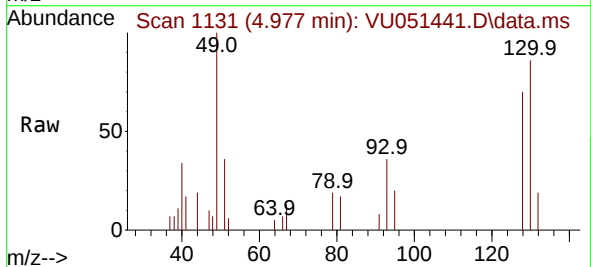
Manual Integrations
APPROVED

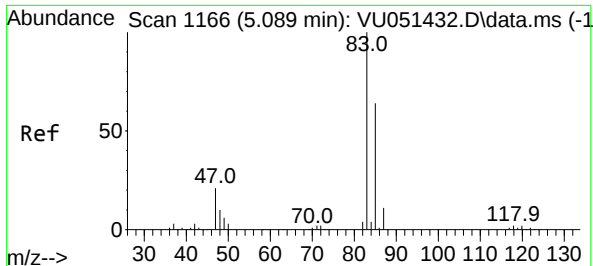
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#26
Bromochloromethane
Concen: 0.499 ug/l
RT: 4.977 min Scan# 1131
Delta R.T. 0.003 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

Tgt Ion:128 Resp: 4095
Ion Ratio Lower Upper
128 100
49 155.8 0.0 320.4
130 128.8 105.0 157.6





#27

Chloroform

Concen: 0.494 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU051441.D

Acq: 18 Oct 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion: 83 Resp: 1601

Ion Ratio Lower Upper

83 100

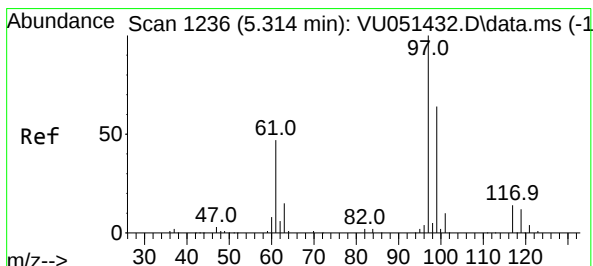
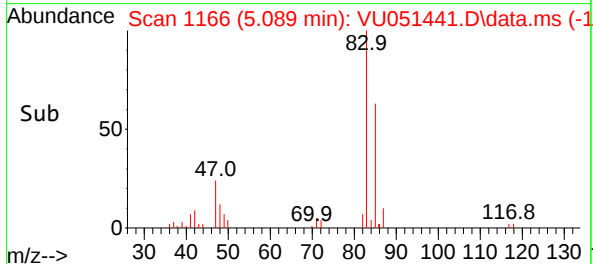
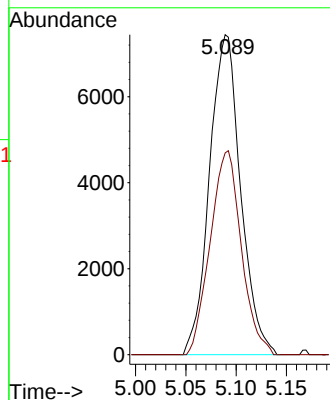
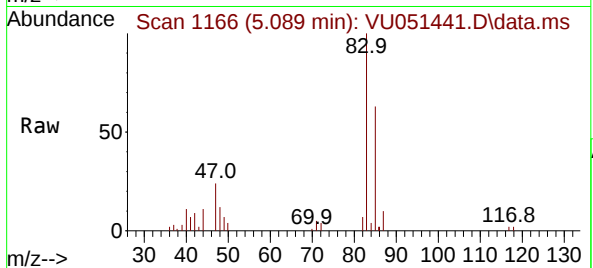
85 63.1 0.0 128.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/25/2022

Supervised By :Mahesh Dadoda 10/25/2022



#28

1,1,1-Trichloroethane

Concen: 0.511 ug/l

RT: 5.317 min Scan# 1237

Delta R.T. 0.003 min

Lab File: VU051441.D

Acq: 18 Oct 2022 14:51

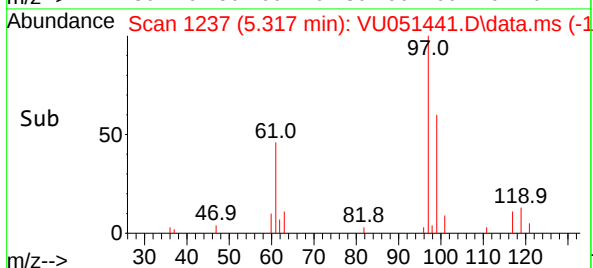
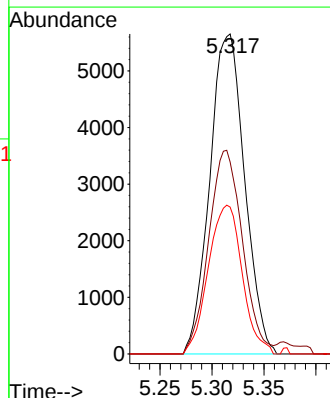
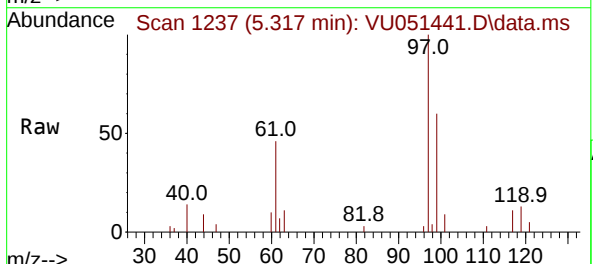
Tgt Ion: 97 Resp: 13204

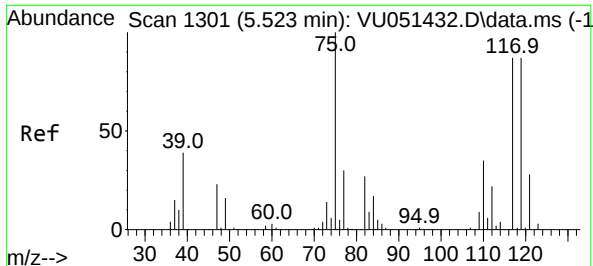
Ion Ratio Lower Upper

97 100

99 61.7 31.8 95.4

61 45.2 23.6 71.0





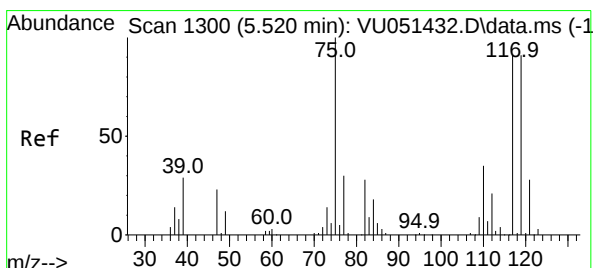
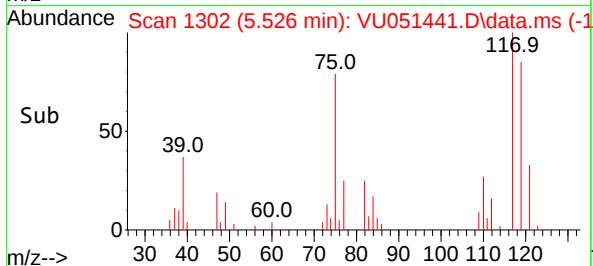
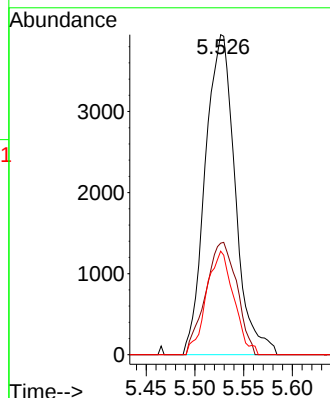
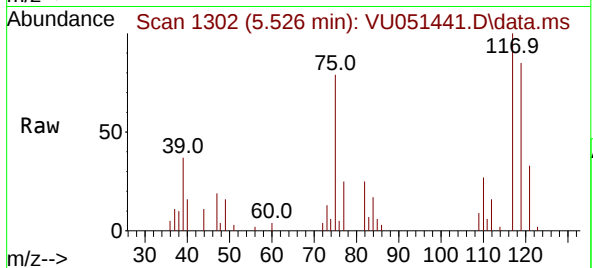
#29
1,1-Dichloropropene
Concen: 0.425 ug/l
RT: 5.526 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion: 75 Resp: 8420
Ion Ratio Lower Upper
75 100
110 36.6 17.8 53.3
77 29.7 24.2 36.4

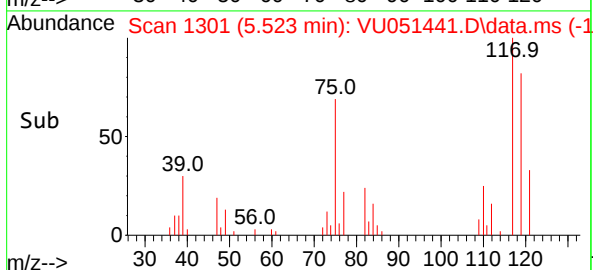
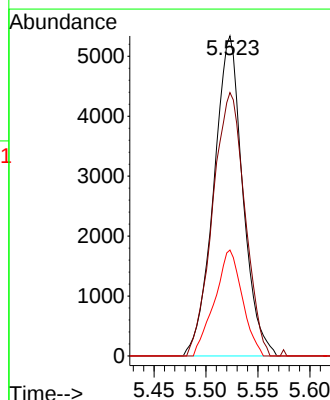
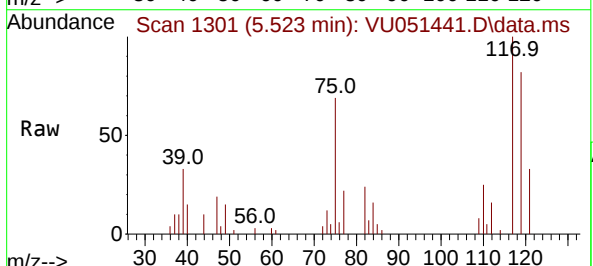
Manual Integrations
APPROVED

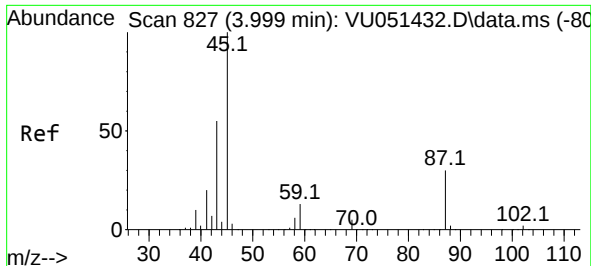
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#30
Carbon Tetrachloride
Concen: 0.476 ug/l
RT: 5.523 min Scan# 1301
Delta R.T. 0.003 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

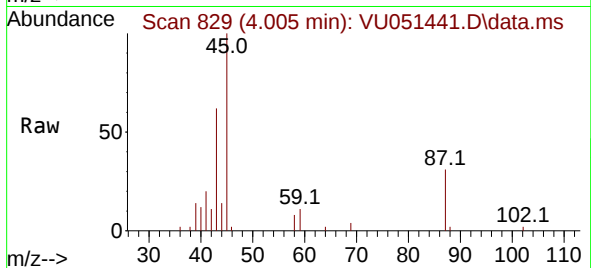
Tgt Ion:117 Resp: 10375
Ion Ratio Lower Upper
117 100
119 82.3 80.0 120.0
121 33.1 24.9 37.3





#31
Isopropyl Ether
Concen: 0.491 ug/l
RT: 4.005 min Scan# 827
Delta R.T. 0.006 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

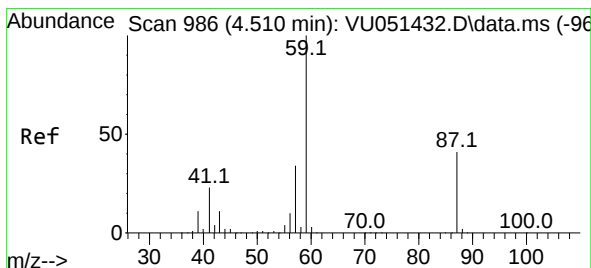
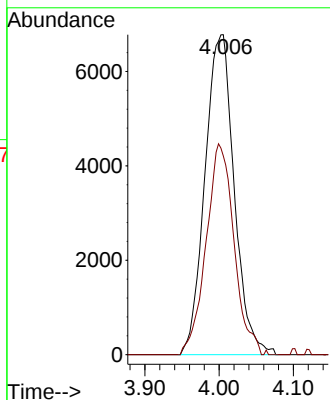
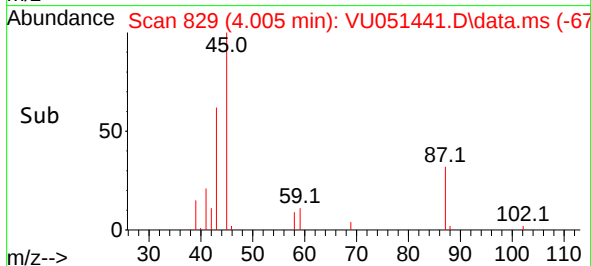
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 45 Resp: 1857
Ion Ratio Lower Upper
45 100
43 62.8 27.6 82.7

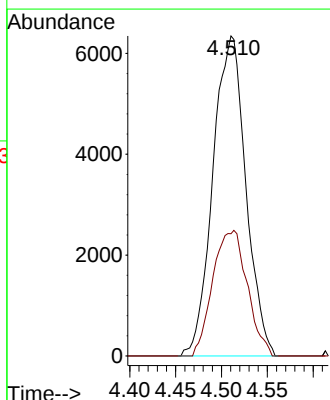
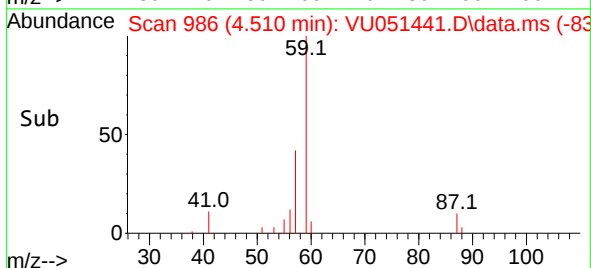
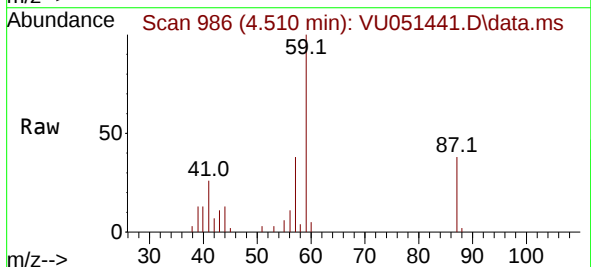
Manual Integrations
APPROVED

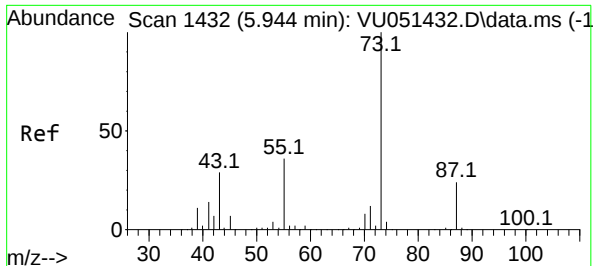
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#32
Ethyl-t-butyl ether
Concen: 0.458 ug/l
RT: 4.510 min Scan# 986
Delta R.T. -0.000 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

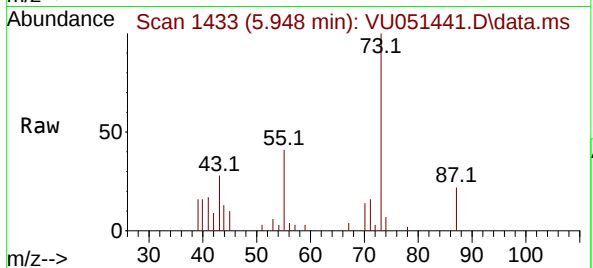
Tgt Ion: 59 Resp: 15840
Ion Ratio Lower Upper
59 100
87 41.1 33.8 50.8





#33
Tert-Amyl methyl ether
Concen: 0.398 ug/l
RT: 5.948 min Scan# 1432
Delta R.T. 0.003 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

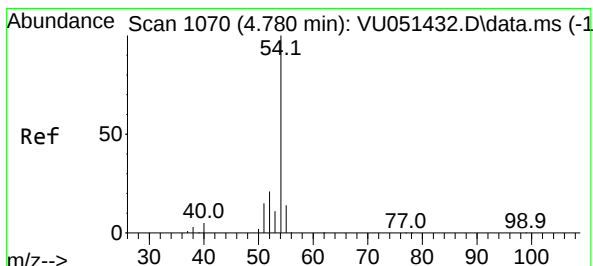
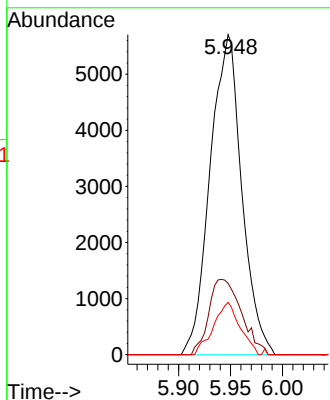
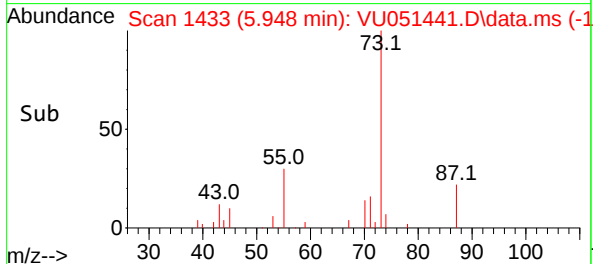
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022



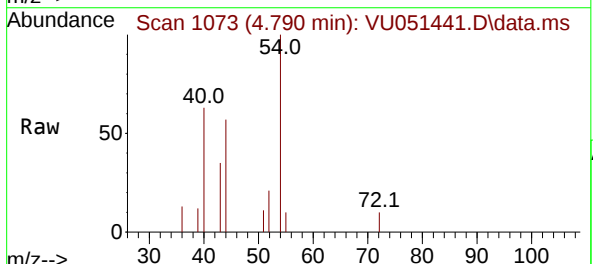
Tgt Ion: 73 Resp: 1206
Ion Ratio Lower Upper
73 100
87 24.3 18.9 28.3
71 13.7 9.4 14.2

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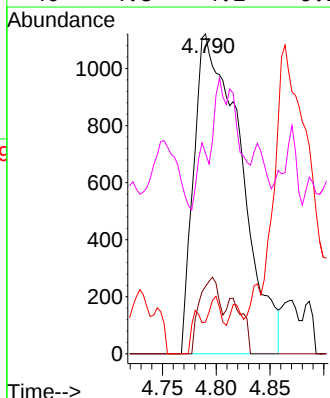
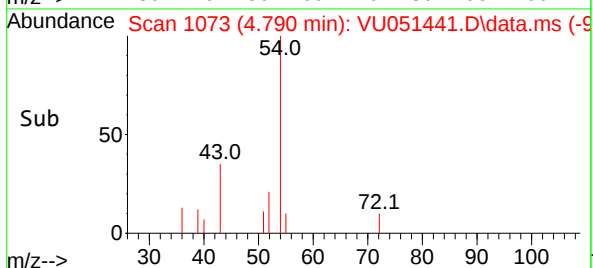
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022

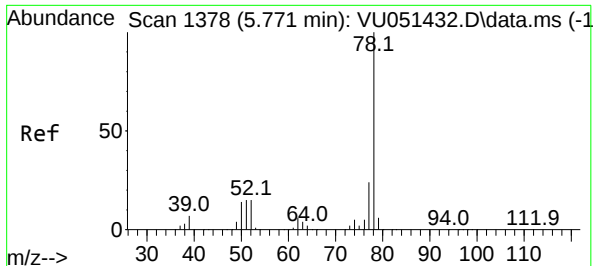


#34
Propionitrile
Concen: 2.524 ug/l
RT: 4.790 min Scan# 1073
Delta R.T. 0.010 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51



Tgt Ion: 54 Resp: 3385
Ion Ratio Lower Upper
54 100
52 0.0 16.4 24.6#
55 2.9 11.5 17.3#
40 4.8 4.2 6.2





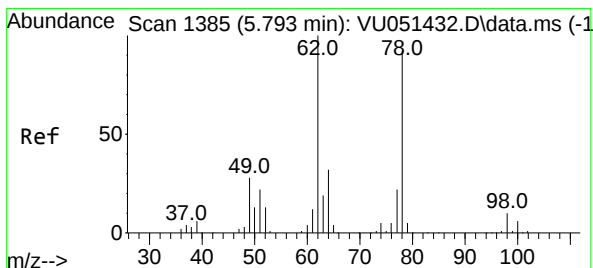
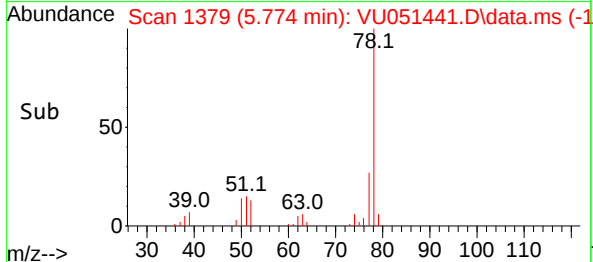
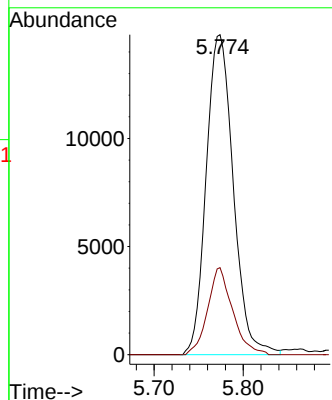
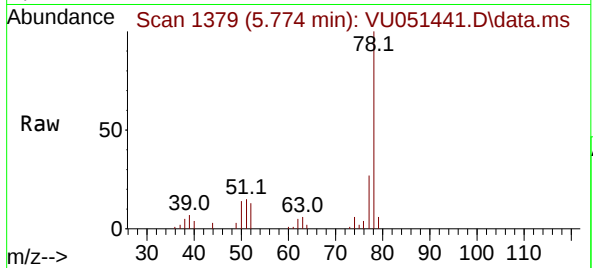
#35
Benzene
Concen: 0.471 ug/l
RT: 5.774 min Scan# 1378
Delta R.T. 0.003 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion: 78 Resp: 3128
Ion Ratio Lower Upper
78 100
77 27.2 19.0 28.6

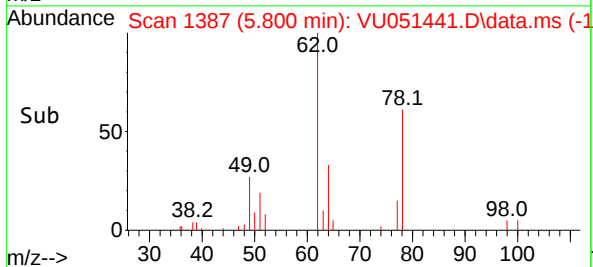
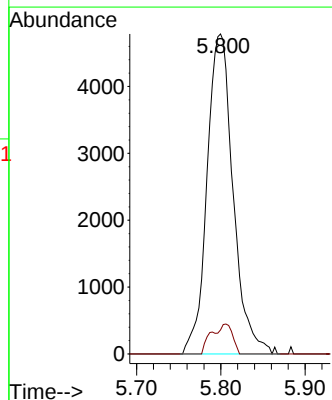
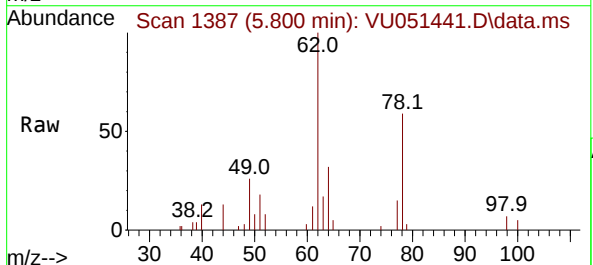
Manual Integrations
APPROVED

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



#36
1,2-Dichloroethane
Concen: 0.503 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

Tgt Ion: 62 Resp: 10305
Ion Ratio Lower Upper
62 100
98 4.3 7.4 11.2





#37

Trichloroethene

Concen: 0.473 ug/l

RT: 6.542 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VU051441.D

Acq: 18 Oct 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion:130 Resp: 7384

Ion Ratio Lower Upper

130 100

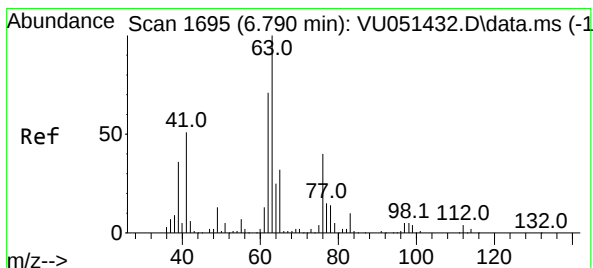
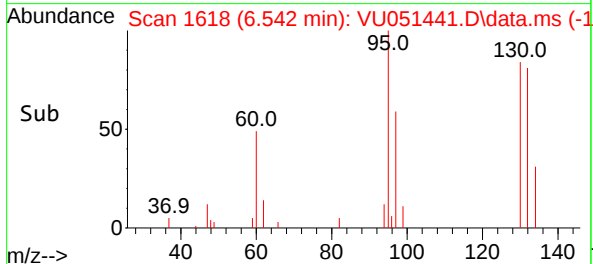
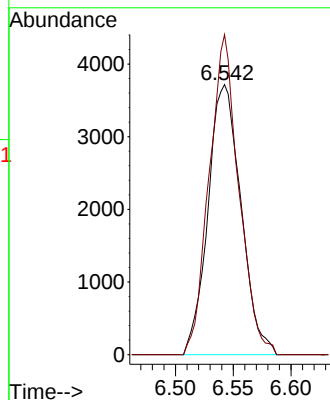
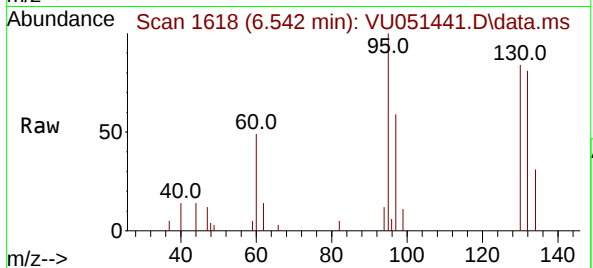
95 118.5 80.2 120.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/25/2022

Supervised By :Mahesh Dadoda 10/25/2022



#38

1,2-Dichloropropane

Concen: 0.457 ug/l

RT: 6.796 min Scan# 1697

Delta R.T. 0.006 min

Lab File: VU051441.D

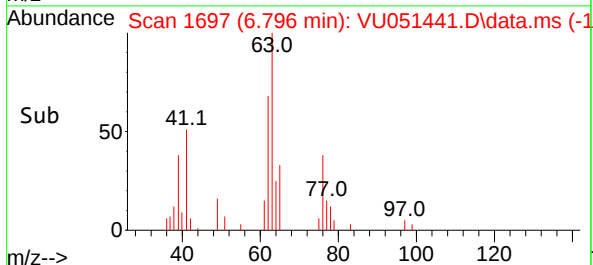
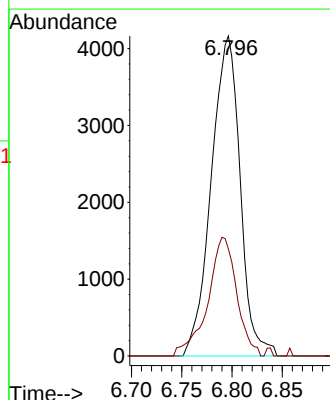
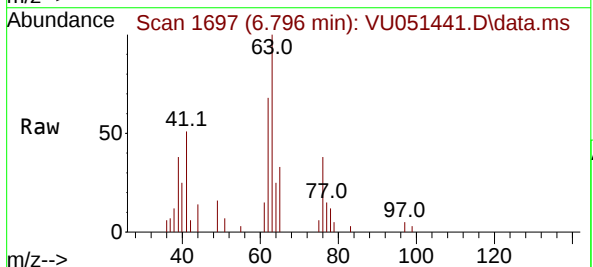
Acq: 18 Oct 2022 14:51

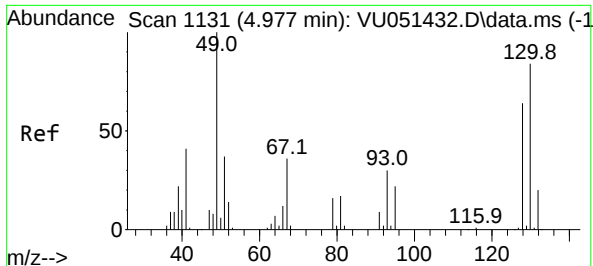
Tgt Ion: 63 Resp: 8325

Ion Ratio Lower Upper

63 100

65 33.4 25.4 38.2





#39

Methacrylonitrile

Concen: 0.488 ug/l

RT: 4.993 min Scan# 1136

Delta R.T. 0.016 min

Lab File: VU051441.D

Acq: 18 Oct 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2022

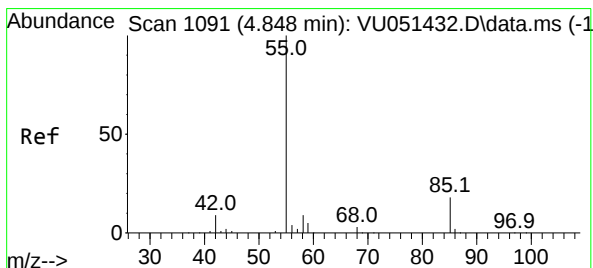
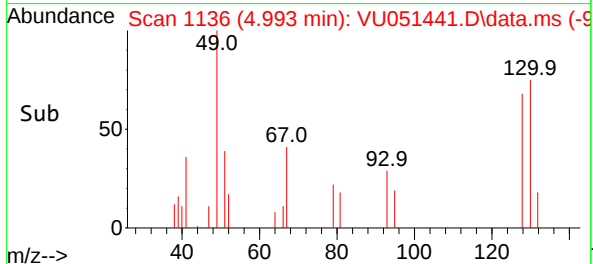
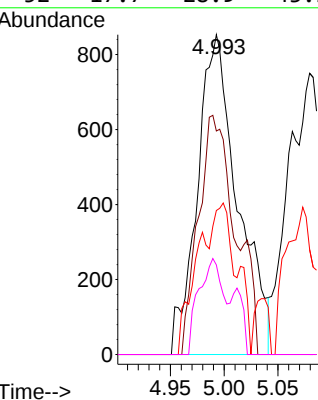
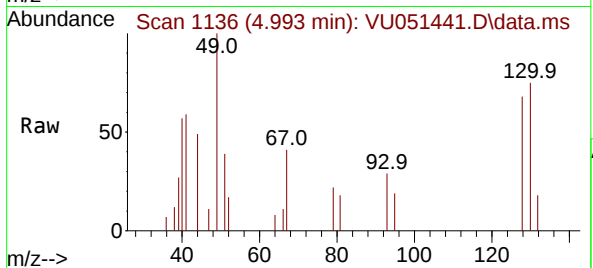
Tgt Ion:	41	Resp:	223
Ion	Ratio	Lower	Upper
41	100		
67	59.8	69.6	104.4
39	22.4	42.2	63.4
52	17.7	28.9	43.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/25/2022

Supervised By :Mahesh Dadoda 10/25/2022



#40

Methyl acrylate

Concen: 0.419 ug/l

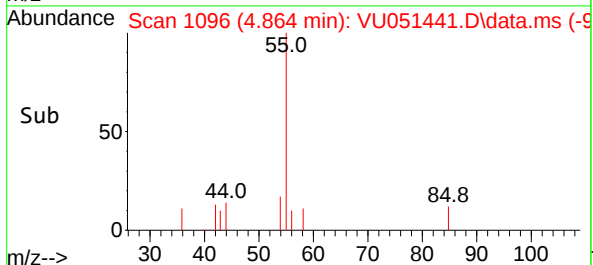
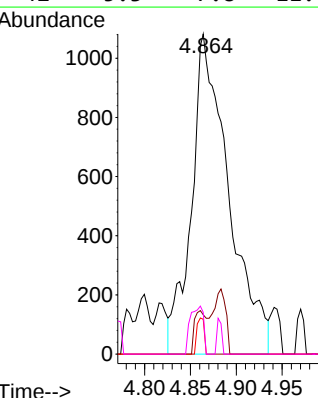
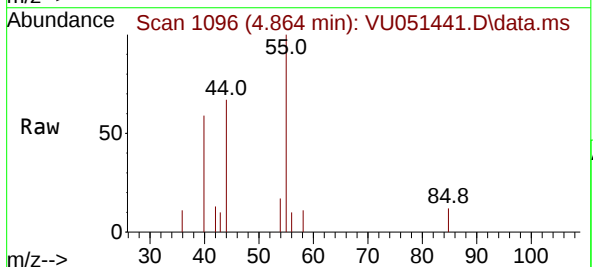
RT: 4.864 min Scan# 1096

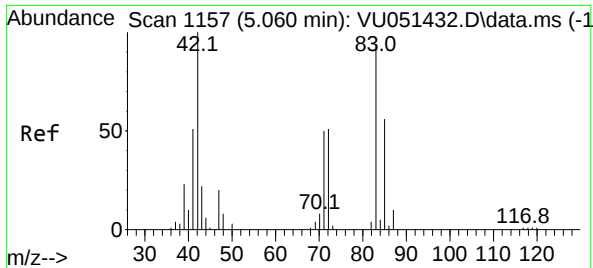
Delta R.T. 0.016 min

Lab File: VU051441.D

Acq: 18 Oct 2022 14:51

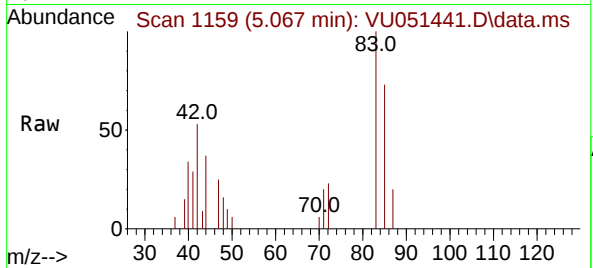
Tgt Ion:	55	Resp:	3059
Ion	Ratio	Lower	Upper
55	100		
85	0.0	15.0	22.6
58	2.2	7.5	11.3
42	5.3	7.8	11.6





#41
Tetrahydrofuran
Concen: 0.950 ug/l m
RT: 5.067 min Scan# 1157
Delta R.T. 0.006 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

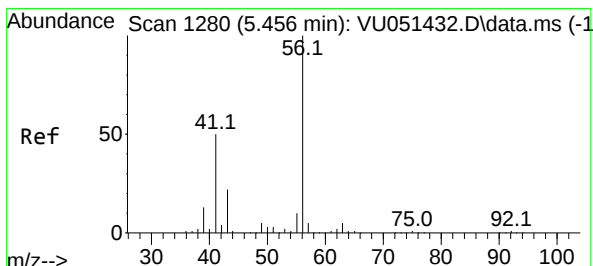
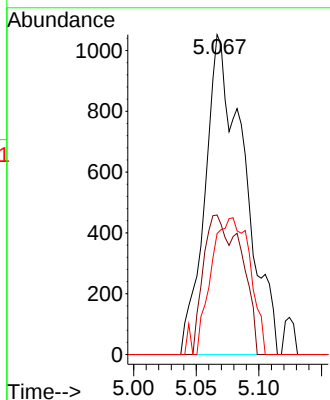
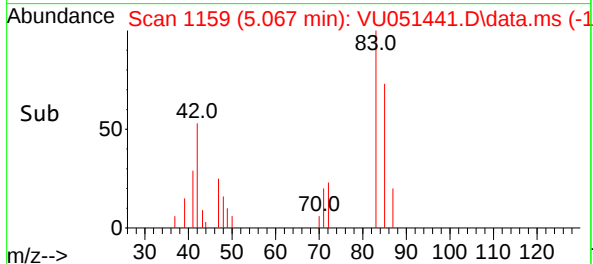
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022



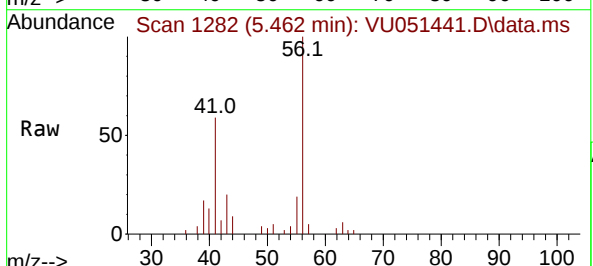
Tgt Ion: 42 Resp: 2280
Ion Ratio Lower Upper
42 100
72 27.0 42.6 64.0
71 42.1 38.3 57.5

Manual Integrations
APPROVED

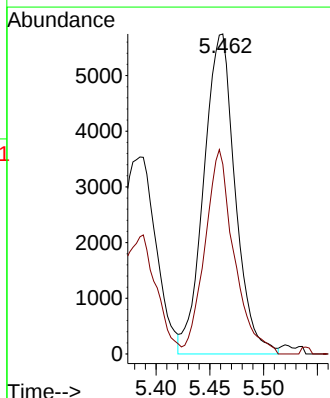
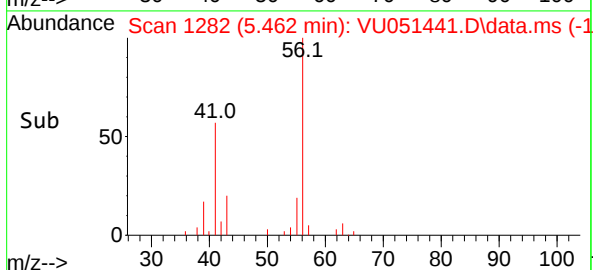
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022

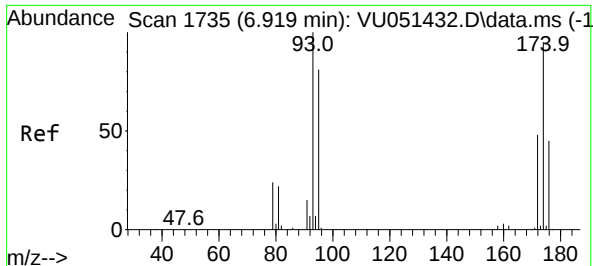


#42
1-Chlorobutane
Concen: 0.433 ug/l
RT: 5.462 min Scan# 1282
Delta R.T. 0.006 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51



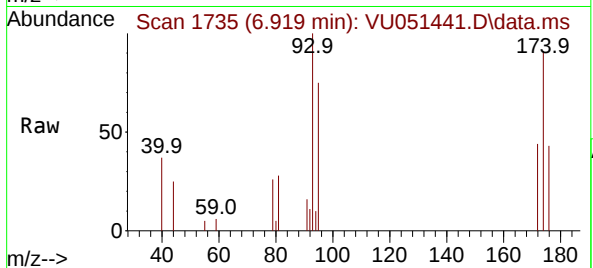
Tgt Ion: 56 Resp: 11705
Ion Ratio Lower Upper
56 100
41 59.2 24.8 74.4





#43
Dibromomethane
Concen: 0.457 ug/l
RT: 6.919 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

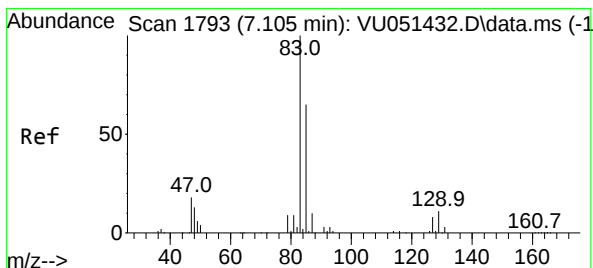
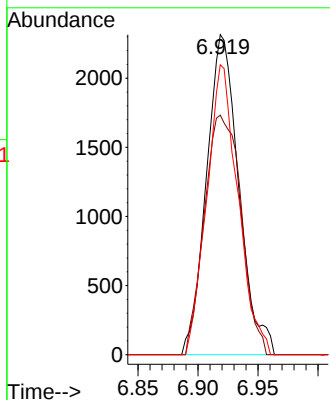
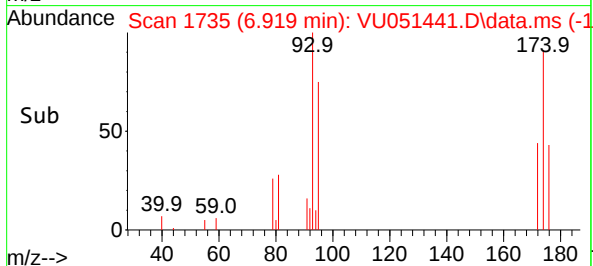
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022



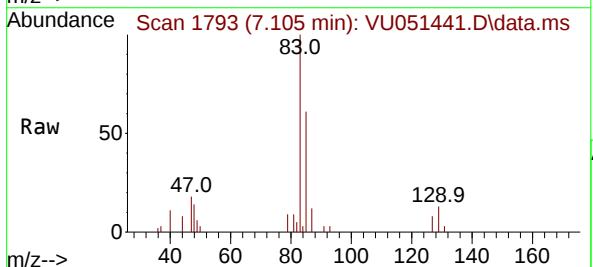
Tgt Ion: 93 Resp: 432
Ion Ratio Lower Upper
93 100
95 85.5 66.7 100.1
174 87.5 75.5 113.3

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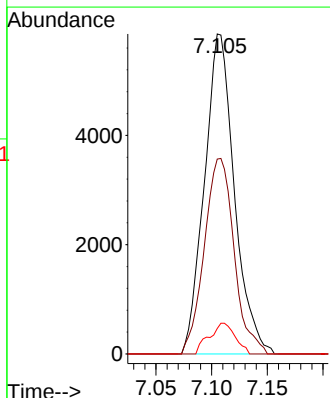
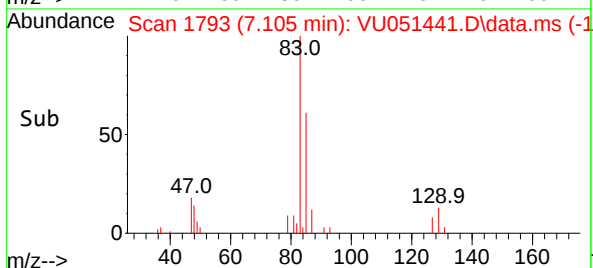
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#44
Bromodichloromethane
Concen: 0.478 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51



Tgt Ion: 83 Resp: 10956
Ion Ratio Lower Upper
83 100
85 60.9 52.1 78.1
127 8.0 6.8 10.2





#45

4-Methyl-2-Pentanone

Concen: 1.915 ug/l

RT: 7.796 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU051441.D

Acq: 18 Oct 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2022

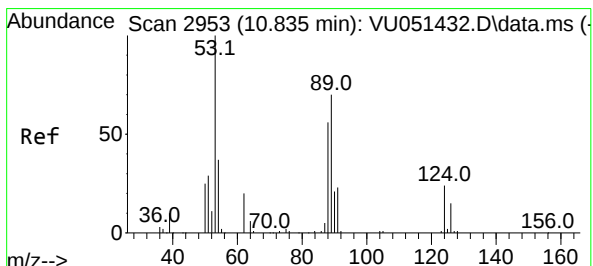
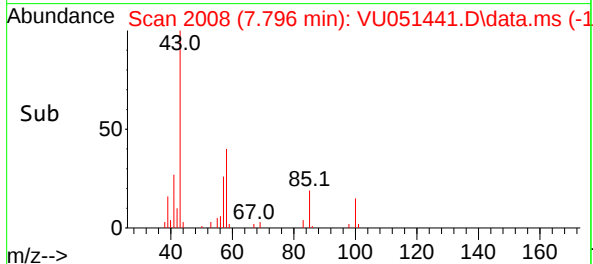
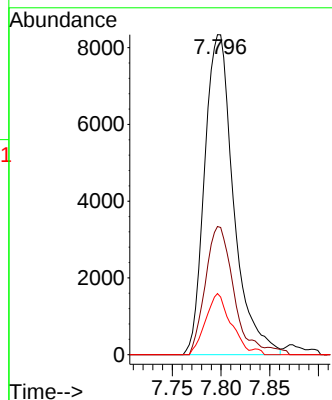
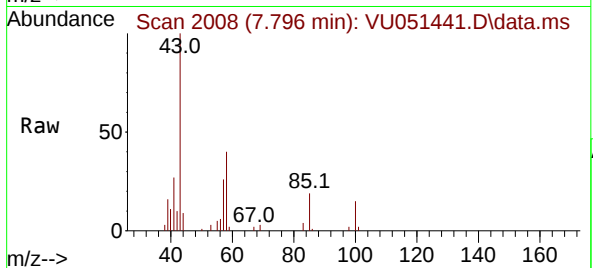
Tgt Ion: 43	Resp: 17249
Ion Ratio	Lower Upper
43 100	
58 39.8	21.4 64.3
85 16.6	15.4 23.0

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: 0.987 ug/l m

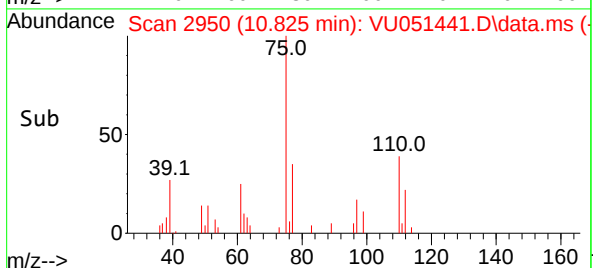
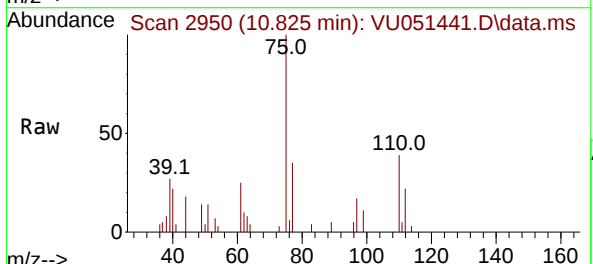
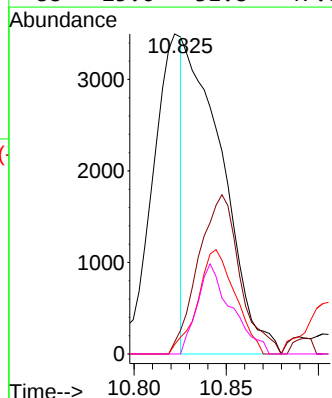
RT: 10.825 min Scan# 2950

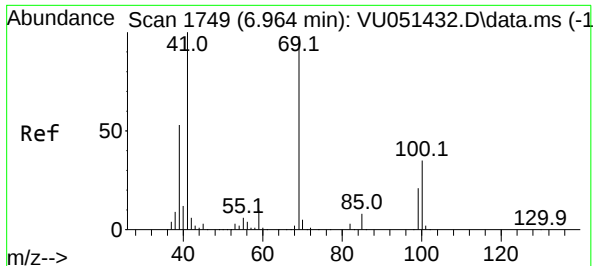
Delta R.T. -0.010 min

Lab File: VU051441.D

Acq: 18 Oct 2022 14:51

Tgt Ion: 75	Resp: 4963
Ion Ratio	Lower Upper
75 100	
53 54.9	61.1 91.7#
89 32.6	41.0 61.6#
88 25.6	31.8 47.8#





#47

Methyl methacrylate

Concen: 0.775 ug/l

RT: 6.967 min Scan# 1750

Delta R.T. 0.003 min

Lab File: VU051441.D

Acq: 18 Oct 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2022

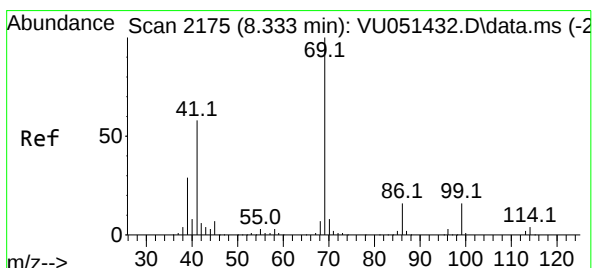
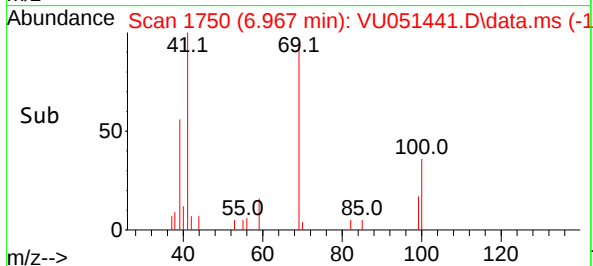
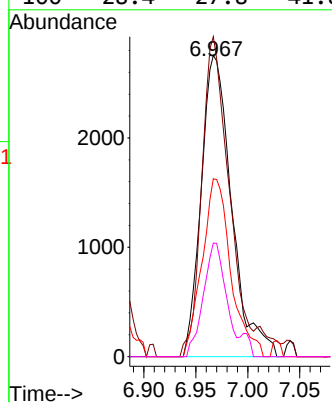
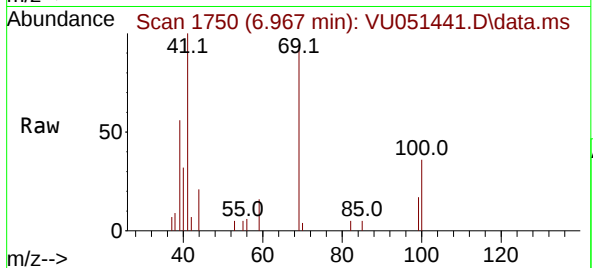
Tgt Ion:	69	Resp:	5610
Ion	Ratio	Lower	Upper
69	100		
41	94.2	0.0	200.8
39	55.8	44.1	66.1
100	28.4	27.8	41.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/25/2022

Supervised By :Mahesh Dadoda 10/25/2022



#48

Ethyl methacrylate

Concen: 0.369 ug/l

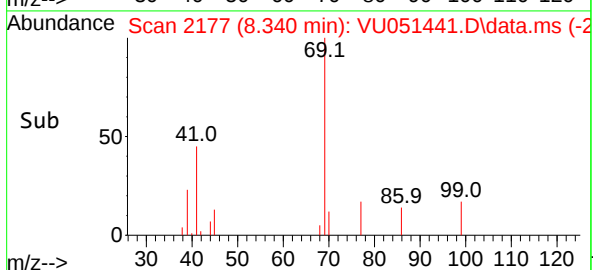
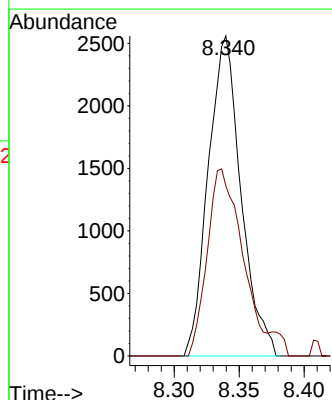
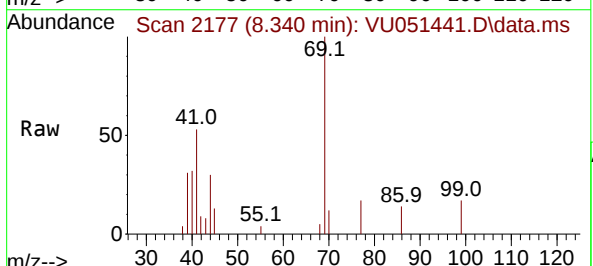
RT: 8.340 min Scan# 2177

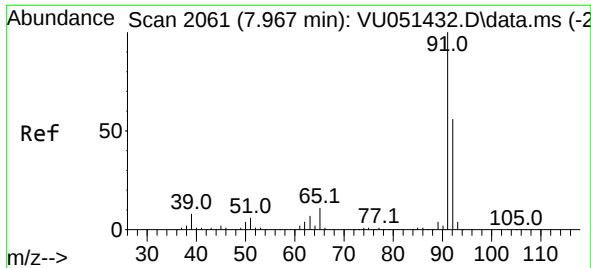
Delta R.T. 0.007 min

Lab File: VU051441.D

Acq: 18 Oct 2022 14:51

Tgt Ion:	69	Resp:	4477
Ion	Ratio	Lower	Upper
69	100		
41	62.6	28.8	86.5





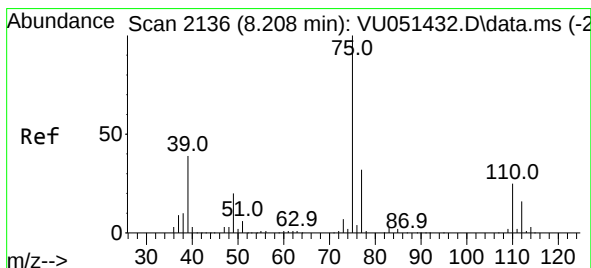
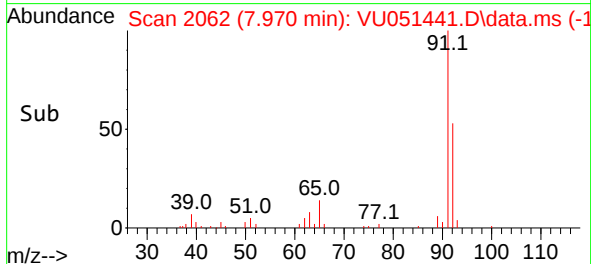
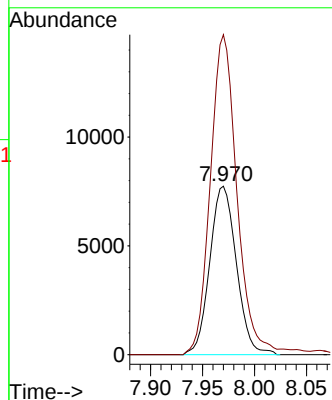
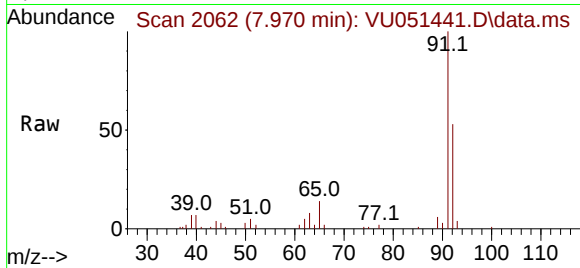
#49
Toluene
Concen: 0.379 ug/l
RT: 7.970 min Scan# 2061
Delta R.T. 0.003 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion: 92 Resp: 13814
Ion Ratio Lower Upper
92 100
91 191.6 141.8 212.6

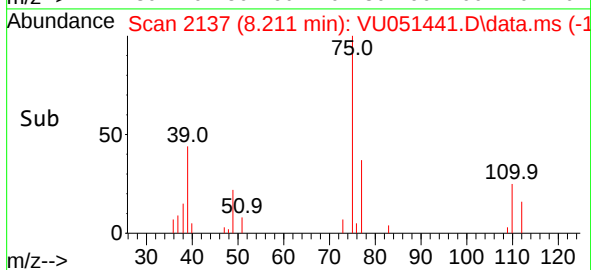
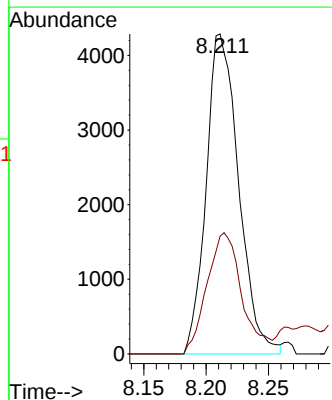
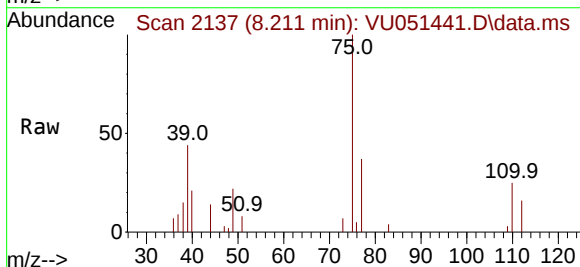
Manual Integrations
APPROVED

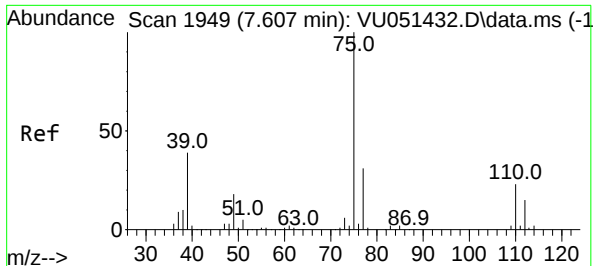
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#50
t-1,3-Dichloropropene
Concen: 0.422 ug/l
RT: 8.211 min Scan# 2137
Delta R.T. 0.003 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

Tgt Ion: 75 Resp: 7769
Ion Ratio Lower Upper
75 100
77 36.7 25.8 38.6





#51

cis-1,3-Dichloropropene

Concen: 0.416 ug/l

RT: 7.610 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VU051441.D

Acq: 18 Oct 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2022

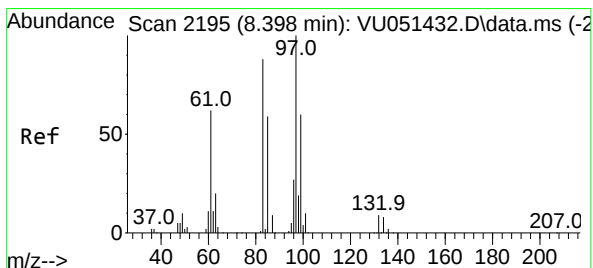
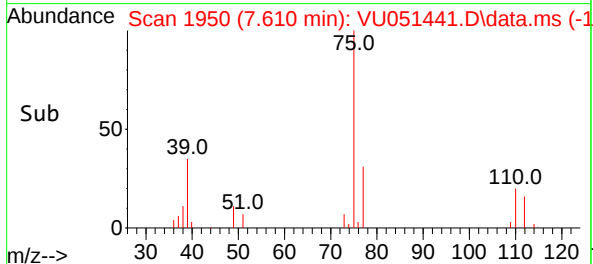
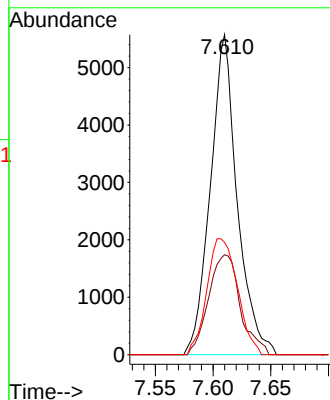
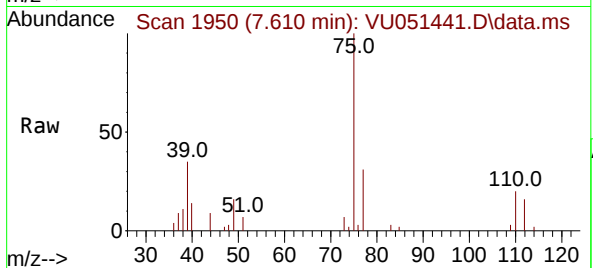
Tgt Ion:	75	Resp:	902
Ion Ratio	Lower	Upper	
75	100		
77	31.2	25.1	37.7
39	35.1	31.4	47.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/25/2022

Supervised By :Mahesh Dadoda 10/25/2022



#52

1,1,2-Trichloroethane

Concen: 0.472 ug/l

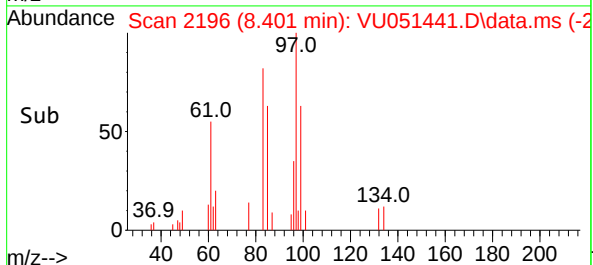
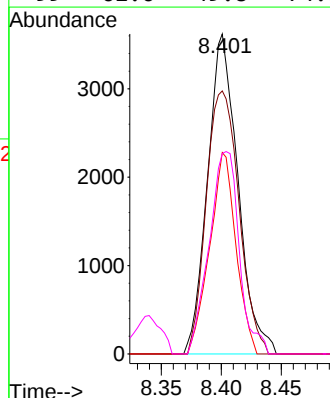
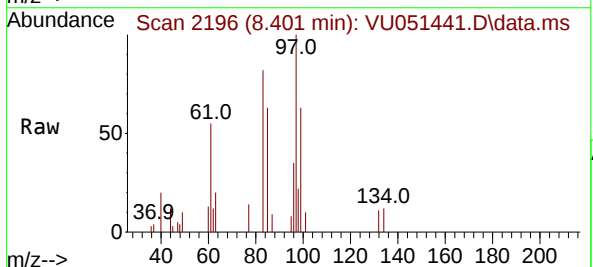
RT: 8.401 min Scan# 2196

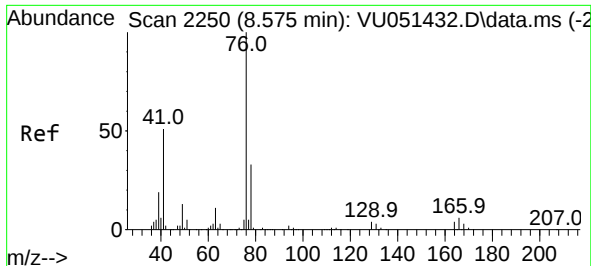
Delta R.T. 0.003 min

Lab File: VU051441.D

Acq: 18 Oct 2022 14:51

Tgt Ion:	97	Resp:	6374
Ion Ratio	Lower	Upper	
97	100		
83	82.2	70.6	105.8
85	62.9	47.0	70.4
99	62.6	49.8	74.8





#53

1,3-Dichloropropane

Concen: 0.472 ug/l

RT: 8.574 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU051441.D

Acq: 18 Oct 2022 14:51

Instrument :

MSVOA_U

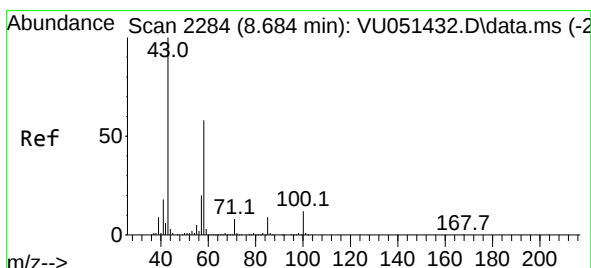
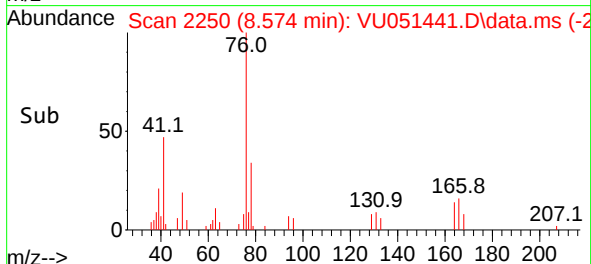
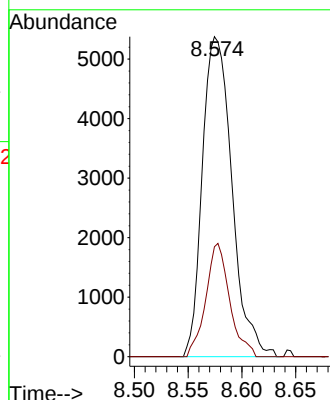
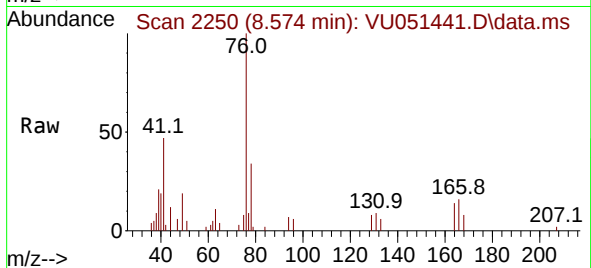
ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion:	76	Resp:	1027
Ion Ratio	Lower	Upper	
76	100		
78	28.5	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: 1.871 ug/l

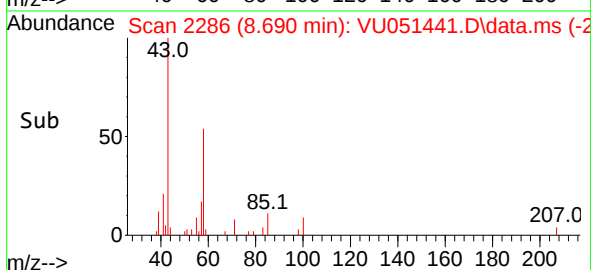
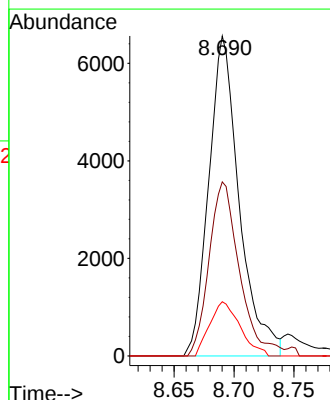
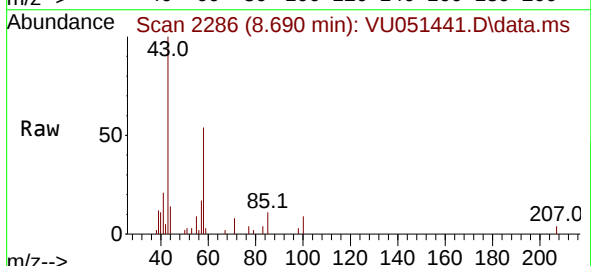
RT: 8.690 min Scan# 2286

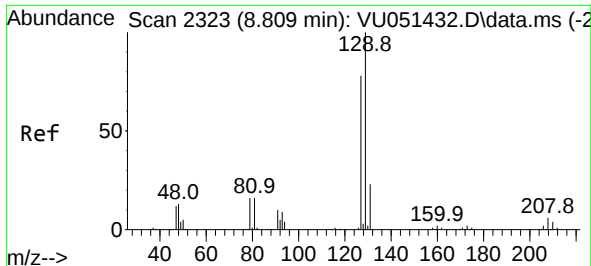
Delta R.T. 0.006 min

Lab File: VU051441.D

Acq: 18 Oct 2022 14:51

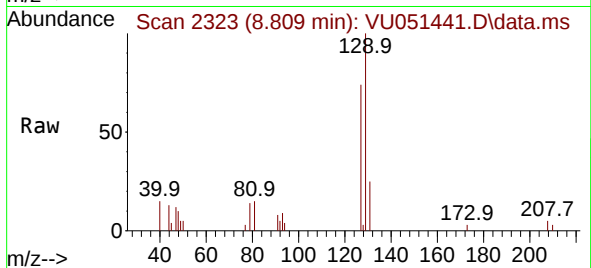
Tgt Ion:	43	Resp:	11589
Ion Ratio	Lower	Upper	
43	100		
58	54.3	38.0	78.0
57	16.9	0.0	39.9





#55
Dibromochloromethane
Concen: 0.471 ug/l
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

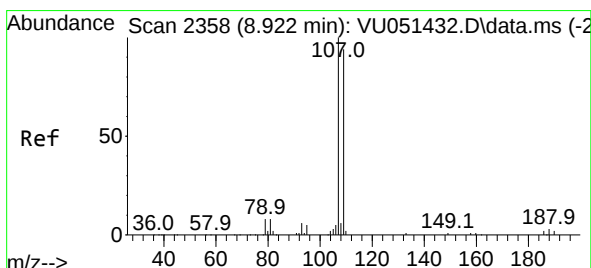
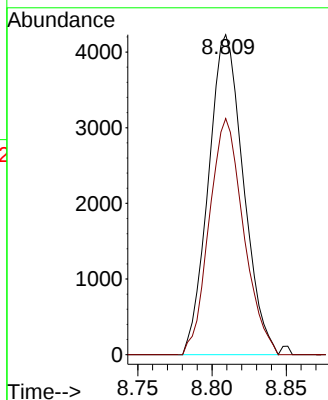
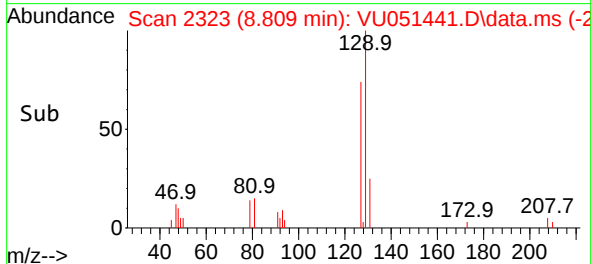
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:129 Resp: 6919
Ion Ratio Lower Upper
129 100
127 72.6 62.1 93.1

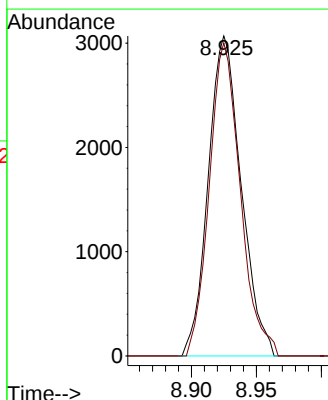
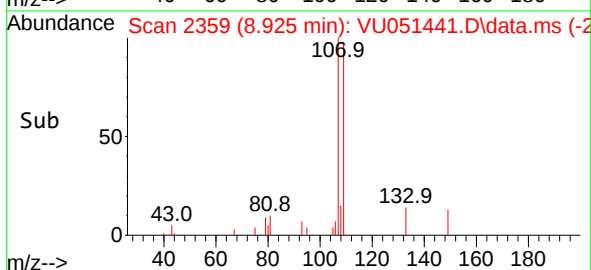
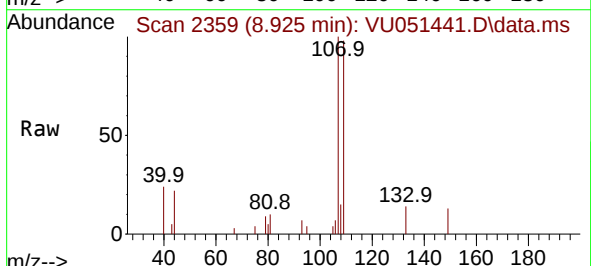
Manual Integrations
APPROVED

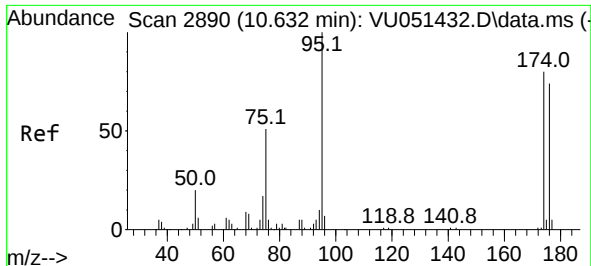
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#56
1,2-Dibromoethane
Concen: 0.456 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. 0.003 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

Tgt Ion:107 Resp: 5412
Ion Ratio Lower Upper
107 100
109 91.9 0.0 190.6





#57

4-Bromofluorobenzene

Concen: 0.819 ug/l

RT: 10.632 min Scan# 2890

Delta R.T. -0.000 min

Lab File: VU051441.D

Acq: 18 Oct 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion: 95 Resp: 14520

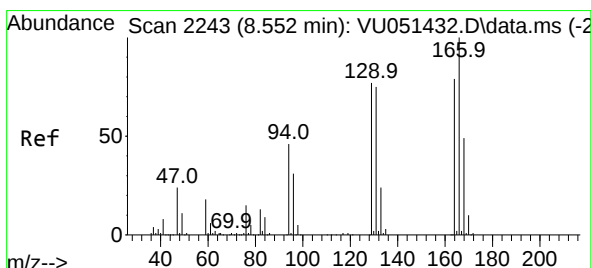
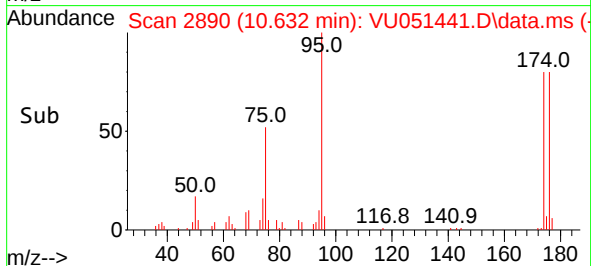
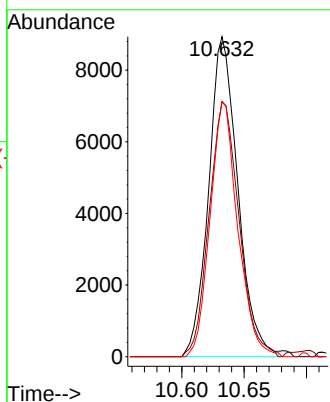
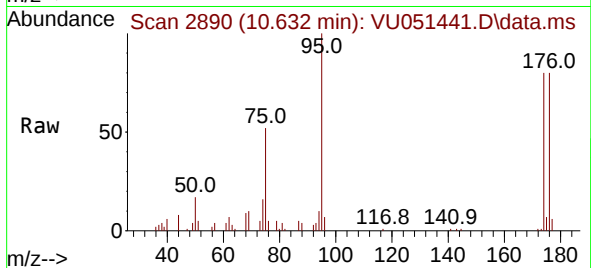
Ion	Ratio	Lower	Upper
95	100		
174	81.8	63.0	94.6
176	75.6	59.8	89.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/25/2022

Supervised By :Mahesh Dadoda 10/25/2022



#58

Tetrachloroethene

Concen: 0.470 ug/l

RT: 8.552 min Scan# 2243

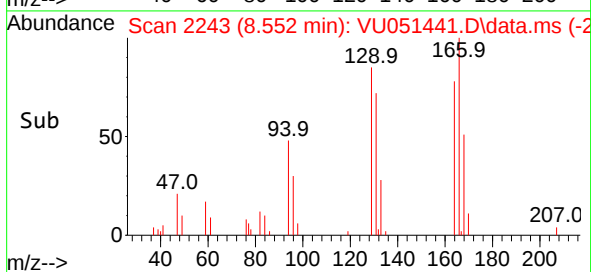
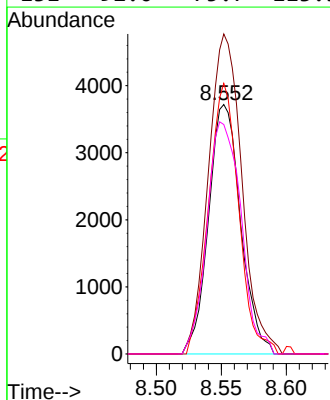
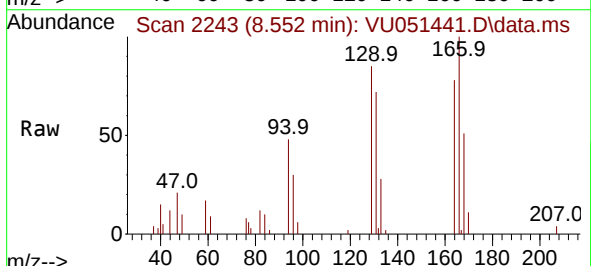
Delta R.T. -0.000 min

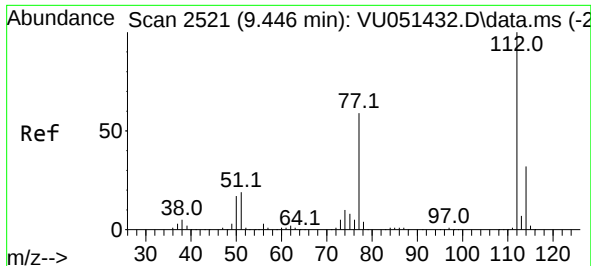
Lab File: VU051441.D

Acq: 18 Oct 2022 14:51

Tgt Ion:164 Resp: 6383

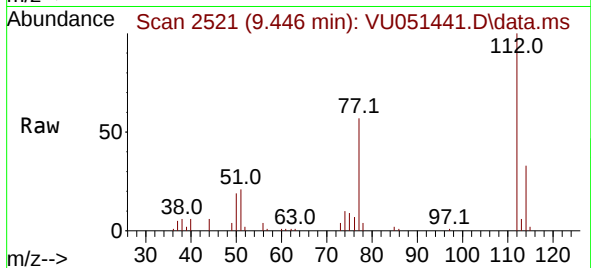
Ion	Ratio	Lower	Upper
164	100		
166	128.3	100.9	151.3
129	108.4	77.5	116.3
131	92.0	75.7	113.5





#59
Chlorobenzene
Concen: 0.441 ug/l
RT: 9.446 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

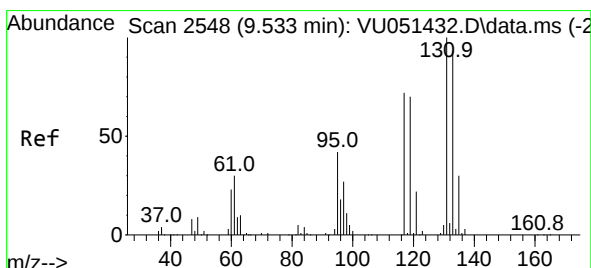
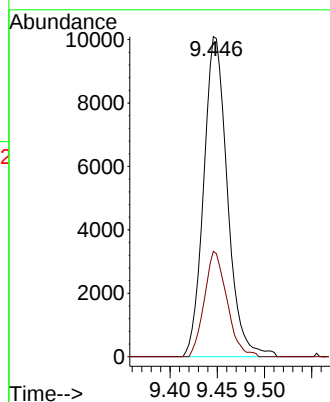
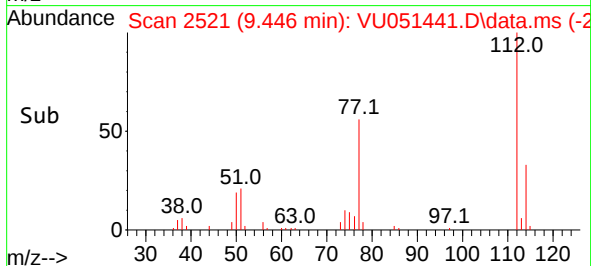
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022



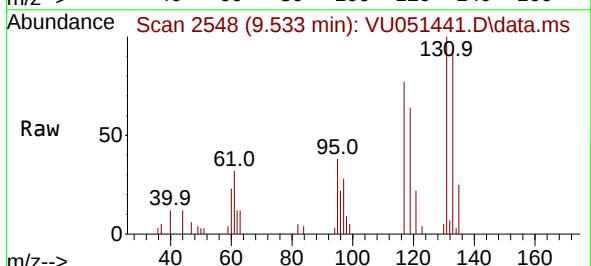
Tgt Ion:112 Resp: 1764
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.6

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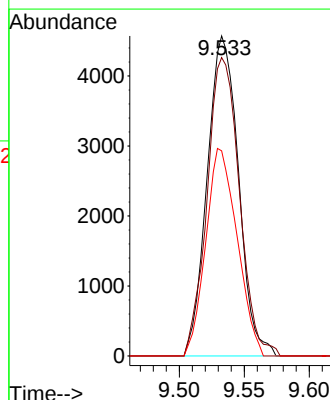
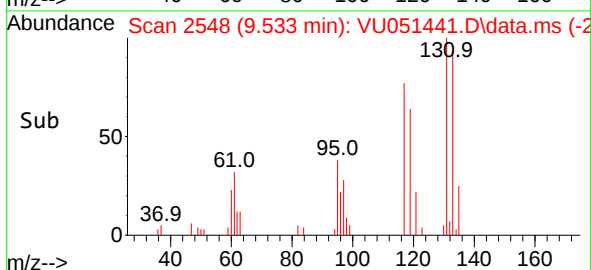
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022

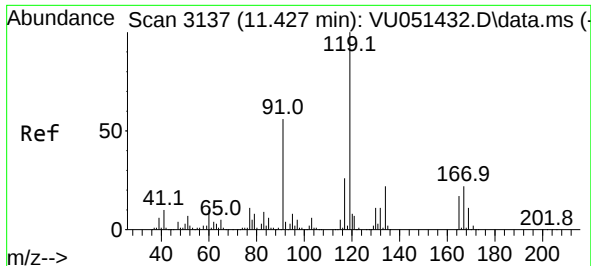


#60
1,1,1,2-Tetrachloroethane
Concen: 0.499 ug/l
RT: 9.533 min Scan# 2548
Delta R.T. -0.000 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51



Tgt Ion:131 Resp: 7657
Ion Ratio Lower Upper
131 100
133 96.1 76.5 114.7
119 65.0 56.5 84.7





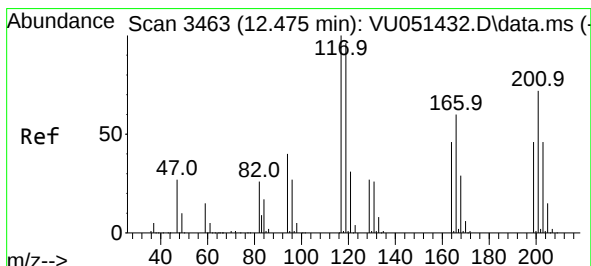
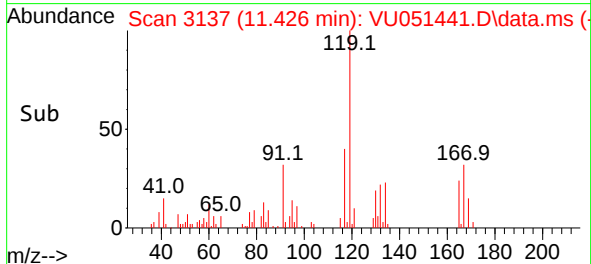
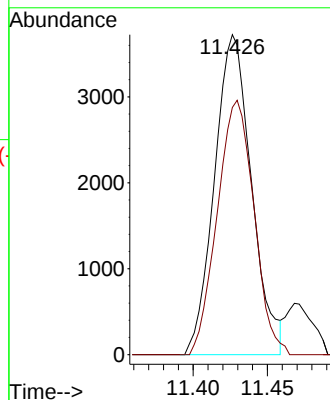
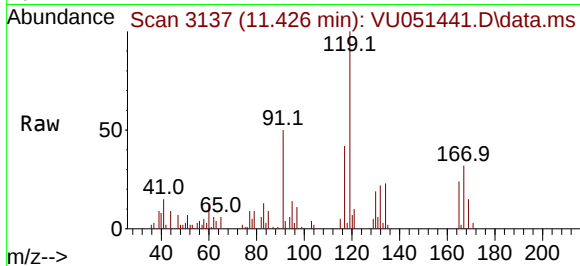
#61
Pentachloroethane
Concen: 0.474 ug/l
RT: 11.426 min Scan# 3137
Delta R.T. -0.001 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2022

Tgt Ion:117 Resp: 6469
Ion Ratio Lower Upper
117 100
167 78.7 63.3 94.9

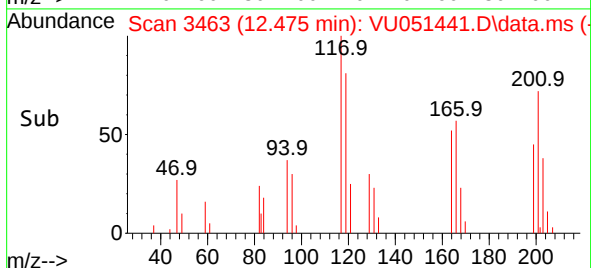
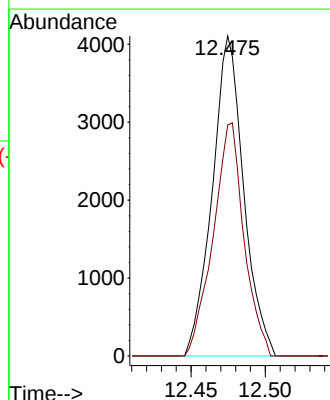
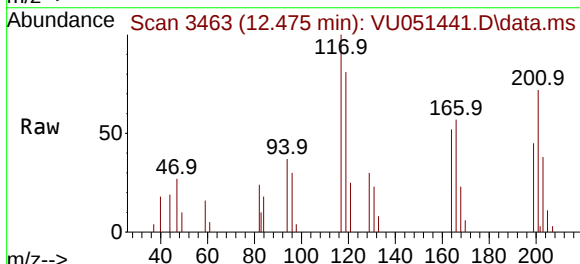
Manual Integrations
APPROVED

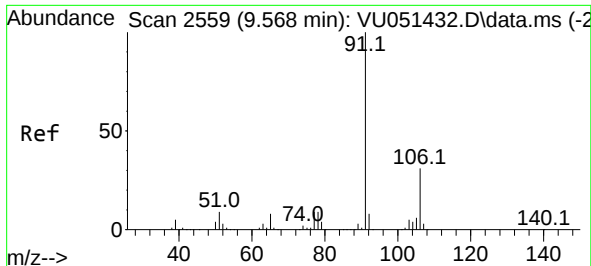
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#62
Hexachloroethane
Concen: 0.466 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. -0.000 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

Tgt Ion:117 Resp: 6042
Ion Ratio Lower Upper
117 100
201 71.4 57.4 86.2





#63

Ethyl Benzene

Concen: 0.371 ug/l

RT: 9.571 min Scan# 2559

Delta R.T. 0.003 min

Lab File: VU051441.D

Acq: 18 Oct 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion: 91 Resp: 22489

Ion Ratio Lower Upper

91 100

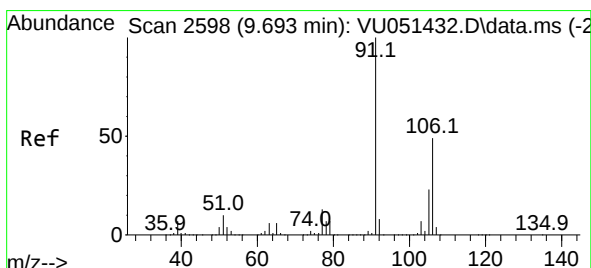
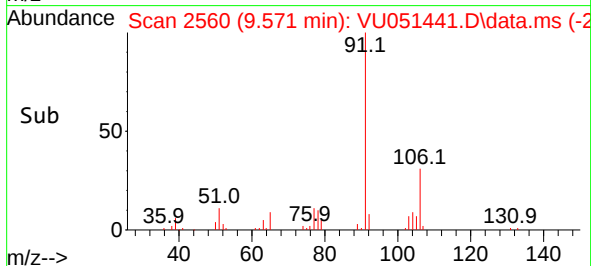
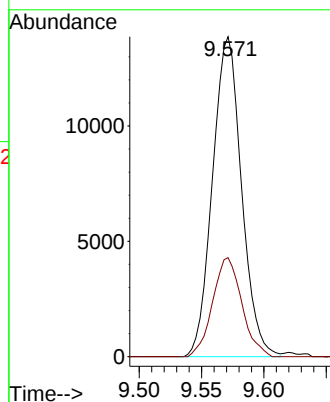
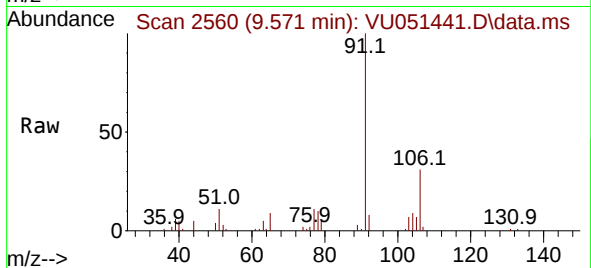
106 30.9 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/25/2022

Supervised By :Mahesh Dadoda 10/25/2022



#64

m/p-Xylenes

Concen: 0.659 ug/l

RT: 9.693 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU051441.D

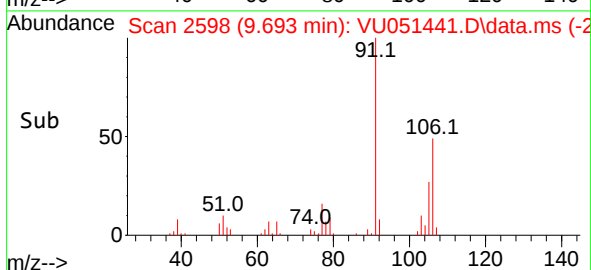
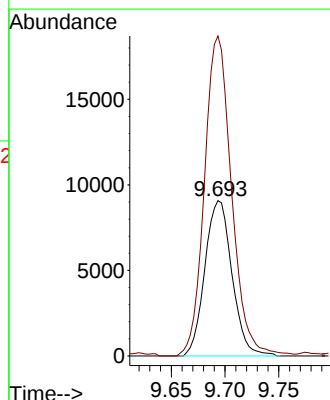
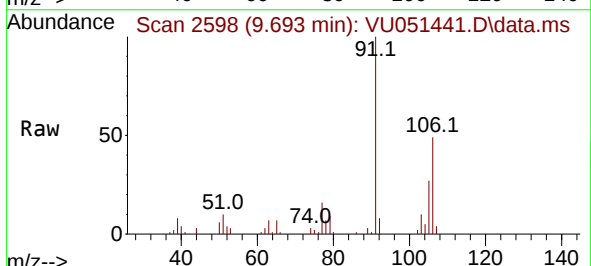
Acq: 18 Oct 2022 14:51

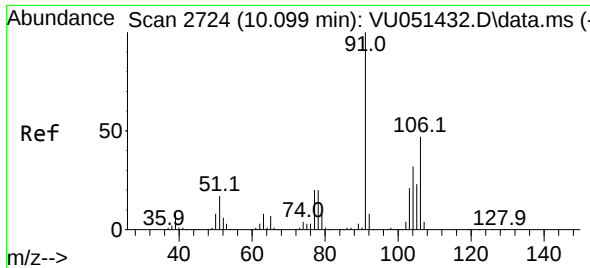
Tgt Ion:106 Resp: 15939

Ion Ratio Lower Upper

106 100

91 206.3 163.2 244.8





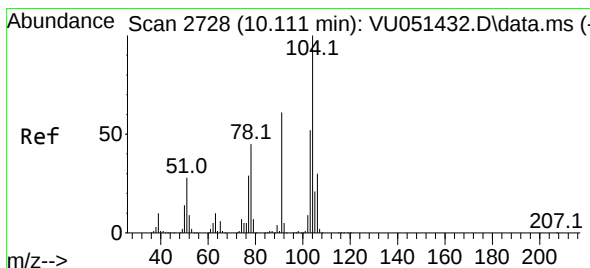
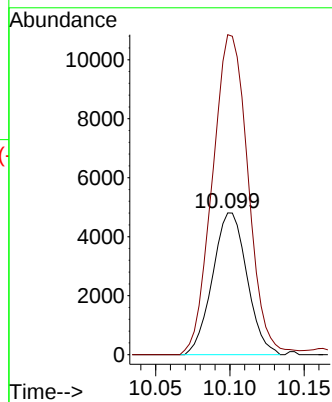
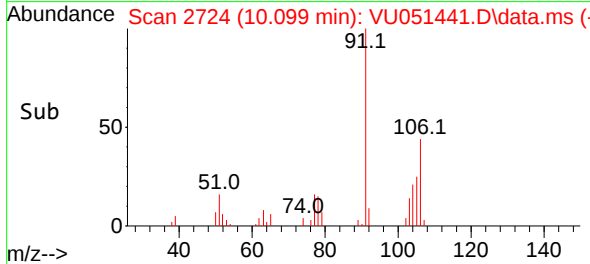
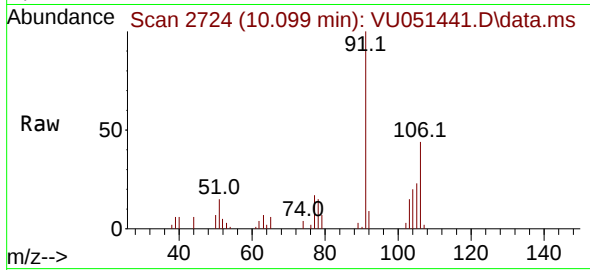
#65
o-Xylene
Concen: 0.330 ug/l
RT: 10.099 min Scan# 2724
Delta R.T. -0.001 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion:106 Resp: 7750
Ion Ratio Lower Upper
106 100
91 233.7 107.1 321.3

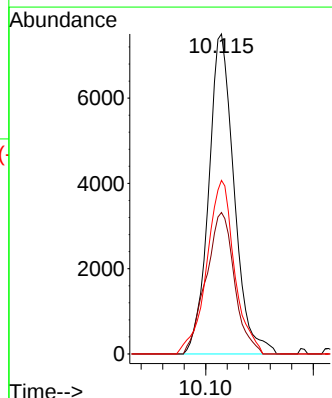
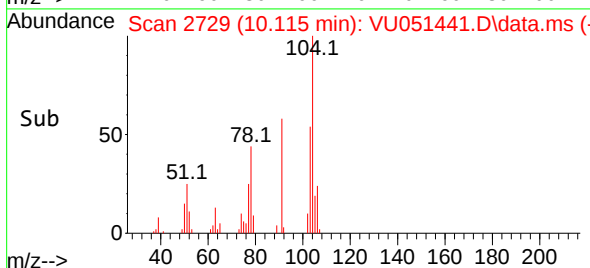
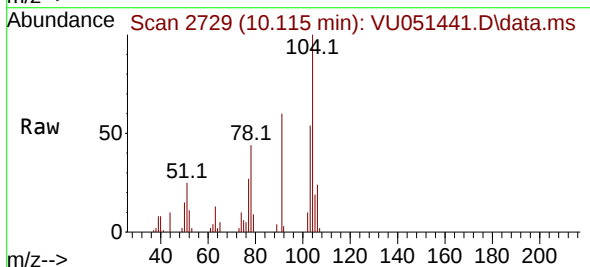
Manual Integrations
APPROVED

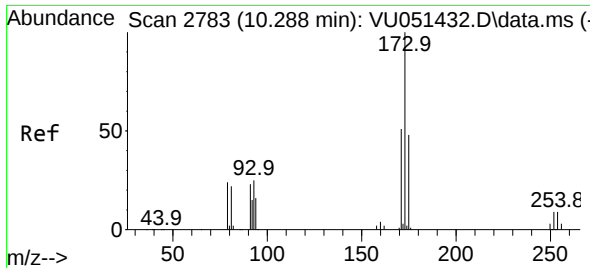
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#66
Styrene
Concen: 0.316 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.004 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

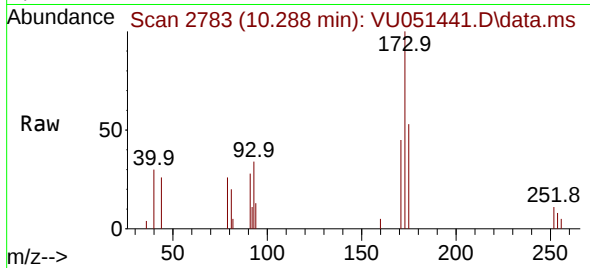
Tgt Ion:104 Resp: 12316
Ion Ratio Lower Upper
104 100
78 49.4 39.7 59.5
103 58.9 44.4 66.6





#67
Bromoform
Concen: 0.476 ug/l
RT: 10.288 min Scan# 2783
Delta R.T. -0.000 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

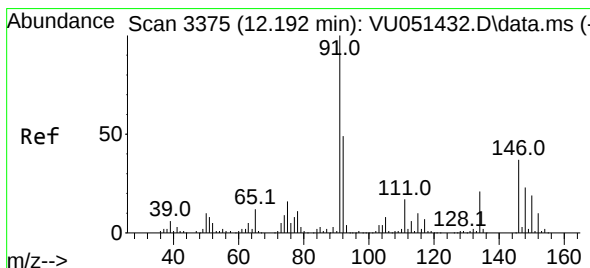
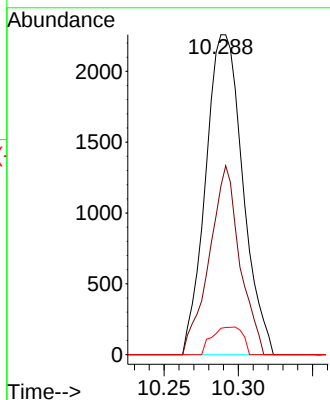
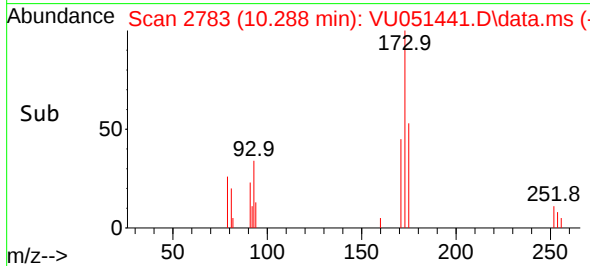
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022



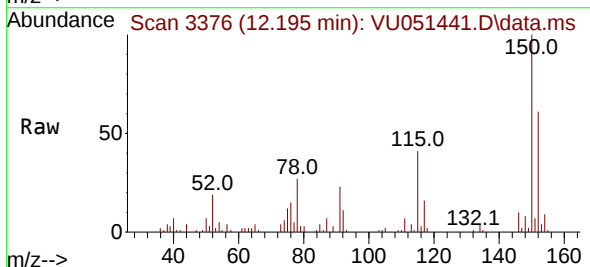
Tgt Ion:173 Resp: 3924
Ion Ratio Lower Upper
173 100
175 48.5 38.6 58.0
254 7.1 7.3 10.9

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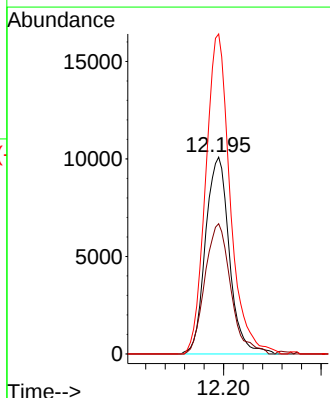
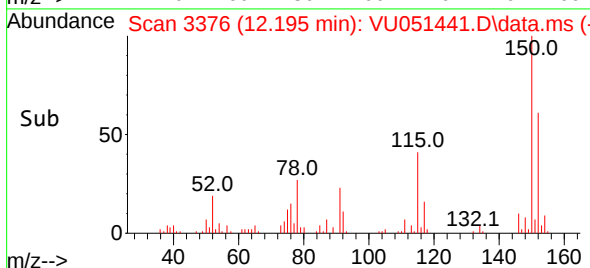
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022

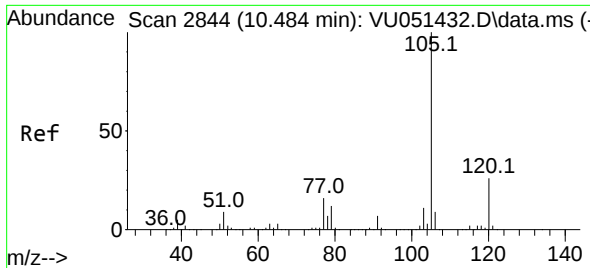


#68
1,2-Dichlorobenzene-d4
Concen: 0.867 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. 0.003 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51



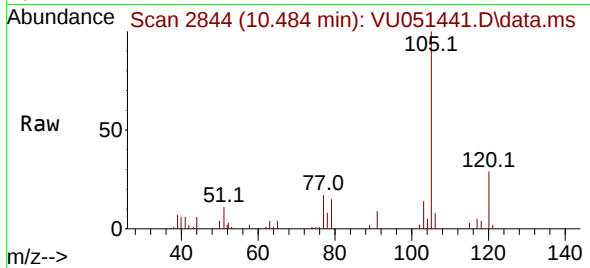
Tgt Ion:152 Resp: 17166
Ion Ratio Lower Upper
152 100
115 71.7 0.0 333.0
150 166.7 0.0 662.0





#69
Isopropylbenzene
Concen: 0.330 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

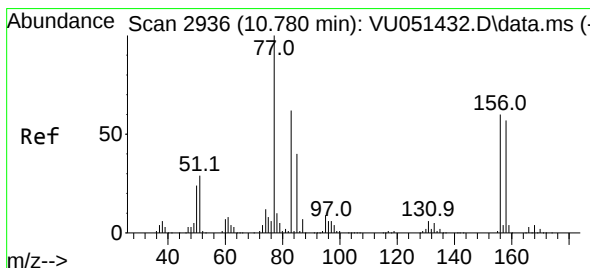
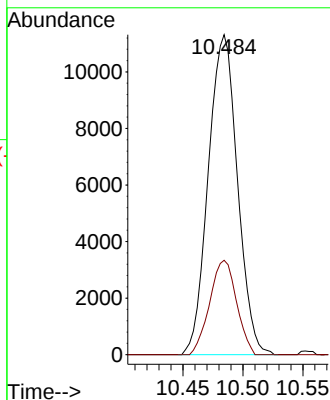
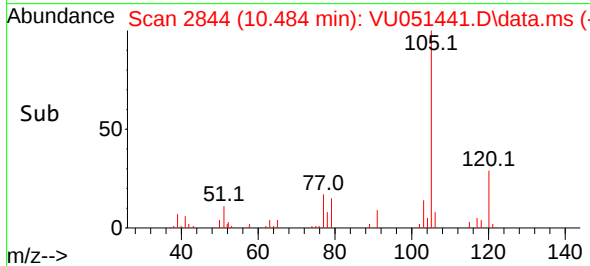
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:105 Resp: 19129
Ion Ratio Lower Upper
105 100
120 27.0 13.0 39.0

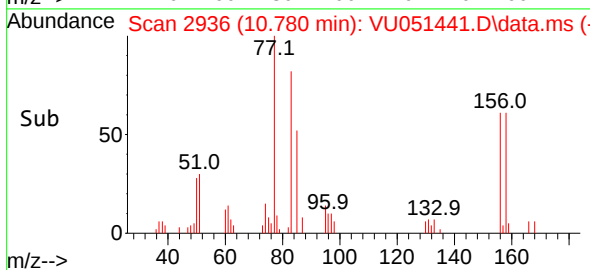
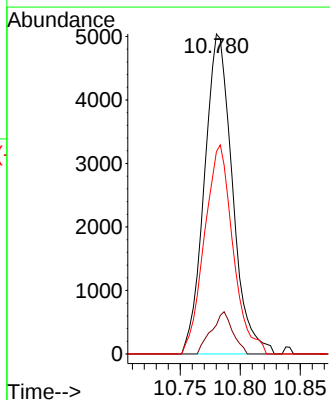
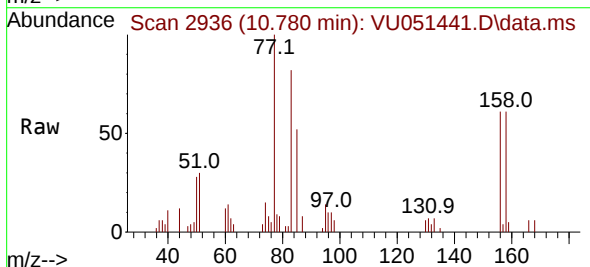
Manual Integrations
APPROVED

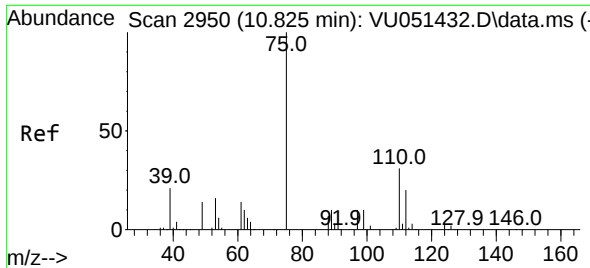
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#70
1,1,2,2-Tetrachloroethane
Concen: 0.448 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

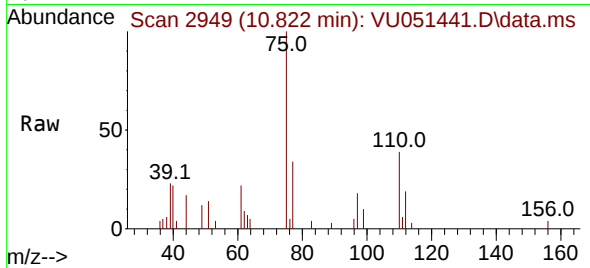
Tgt Ion: 83 Resp: 8183
Ion Ratio Lower Upper
83 100
131 10.0 7.2 10.8
85 66.5 51.4 77.2





#71
1,2,3-Trichloropropane
Concen: 0.490 ug/l m
RT: 10.822 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2022

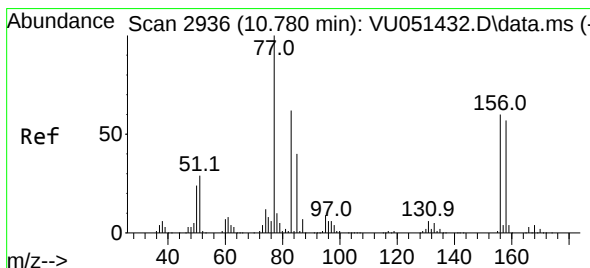
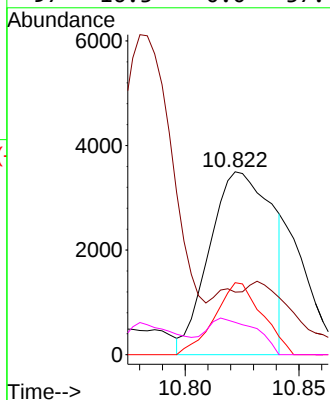
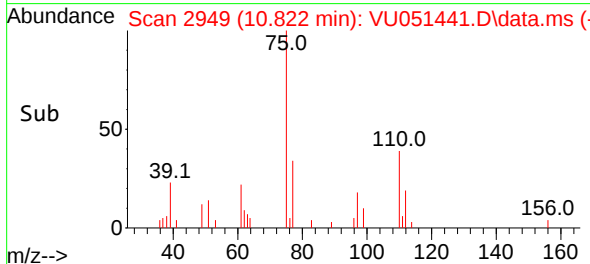


Tgt Ion: 75 Resp: 6658

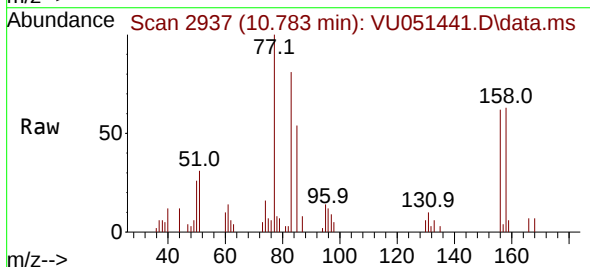
Ion	Ratio	Lower	Upper
75	100		
77	17.2	0.0	111.0
110	30.0	0.0	70.2
97	16.3	0.0	37.4

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

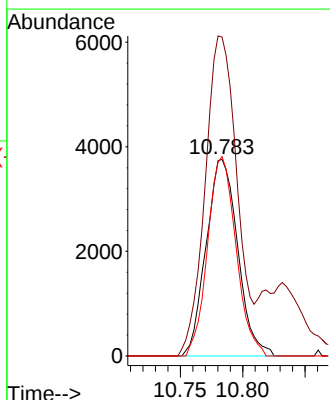
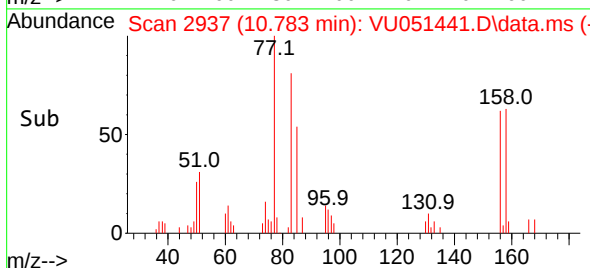


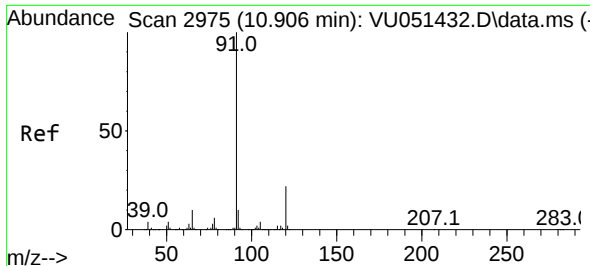
#72
Bromobenzene
Concen: 0.417 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51



Tgt Ion:156 Resp: 6631

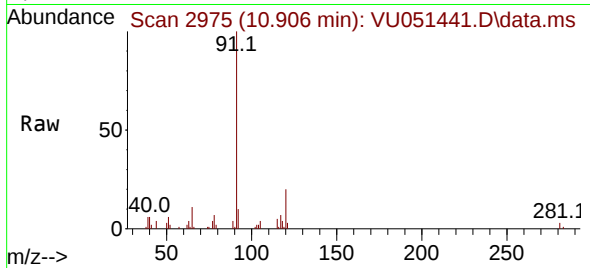
Ion	Ratio	Lower	Upper
156	100		
77	164.1	0.0	343.4
158	91.5	0.0	195.6





#73
n-propylbenzene
Concen: 0.306 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

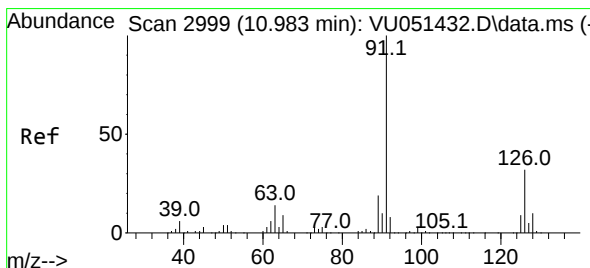
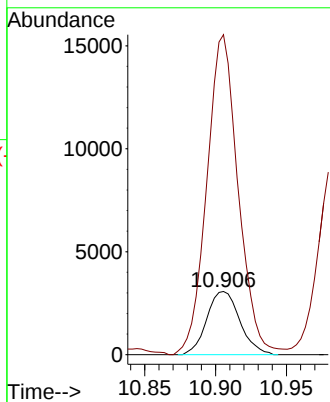
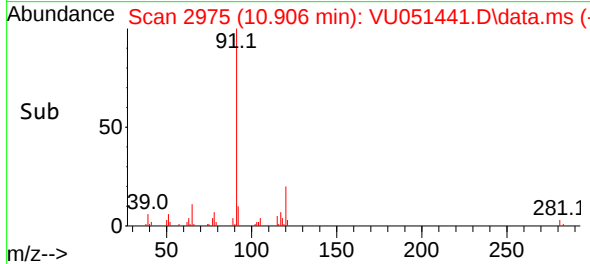
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2022



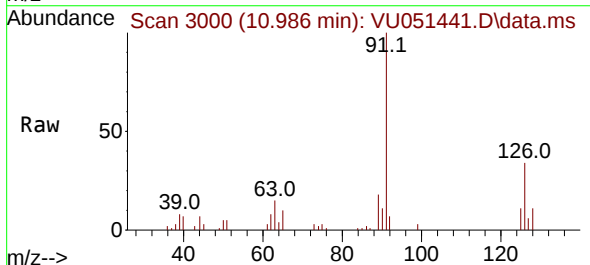
Tgt Ion:120 Resp: 4990
Ion Ratio Lower Upper
120 100
91 481.4 362.3 543.5

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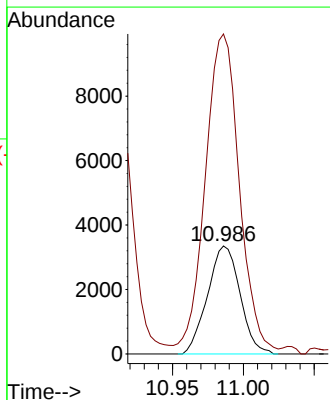
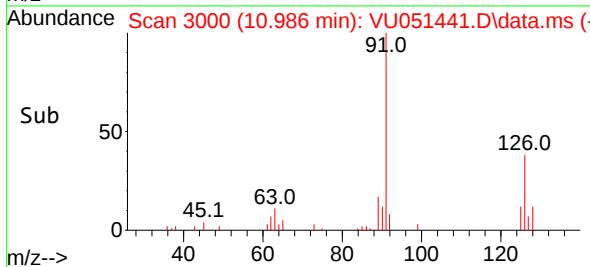
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022

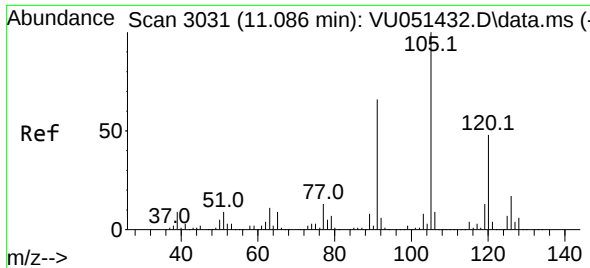


#74
2-Chlorotoluene
Concen: 0.345 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.003 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51



Tgt Ion:126 Resp: 5341
Ion Ratio Lower Upper
126 100
91 301.7 0.0 623.2





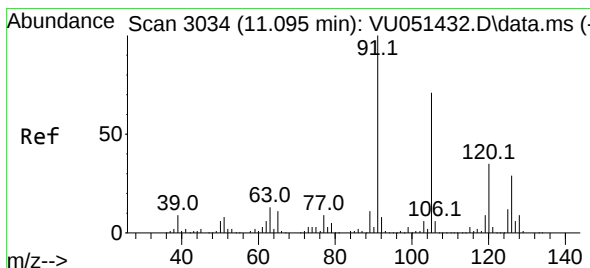
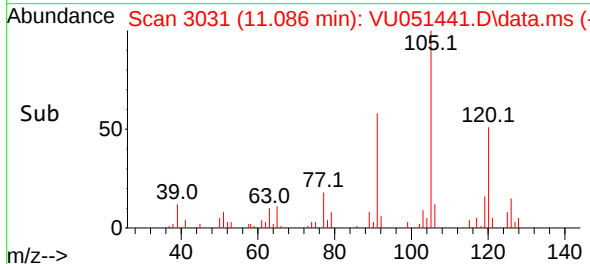
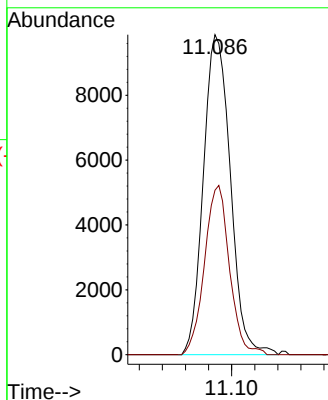
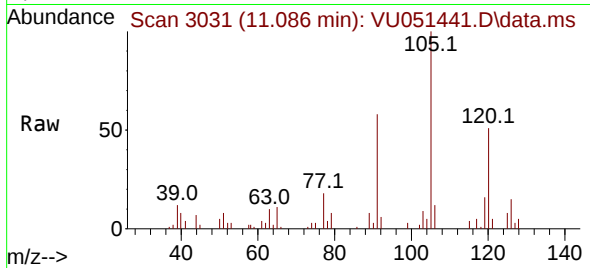
#75
1,3,5-Trimethylbenzene
Concen: 0.305 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion:105 Resp: 1599
Ion Ratio Lower Upper
105 100
120 49.0 38.2 57.4

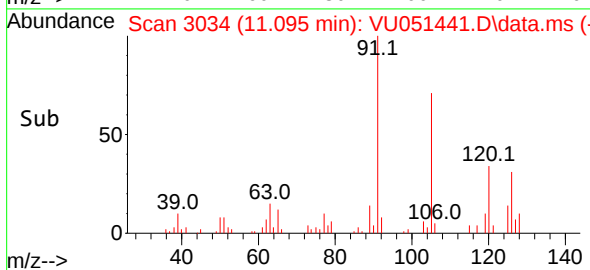
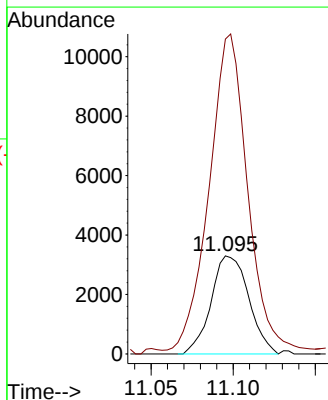
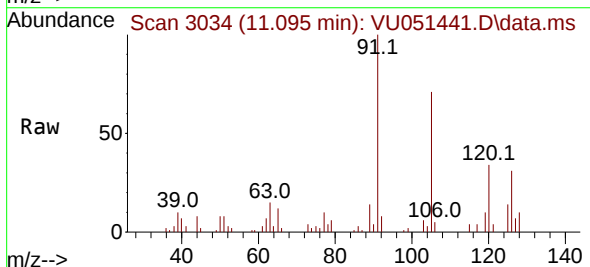
Manual Integrations
APPROVED

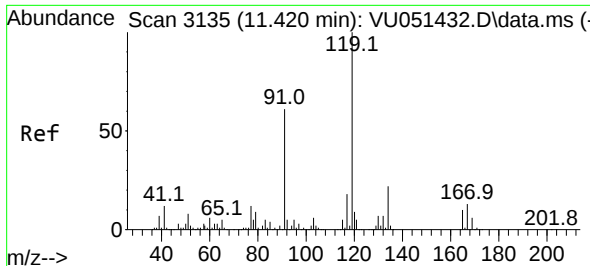
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022



#76
4-Chlorotoluene
Concen: 0.332 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

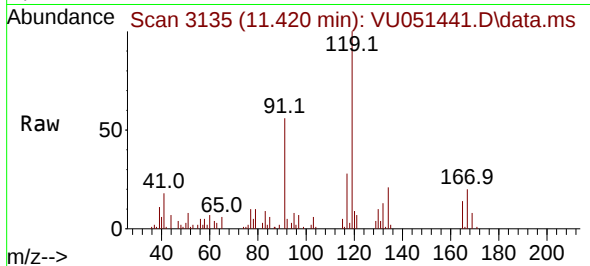
Tgt Ion:126 Resp: 5259
Ion Ratio Lower Upper
126 100
91 326.2 0.0 717.6





#77
tert-Butylbenzene
Concen: 0.362 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

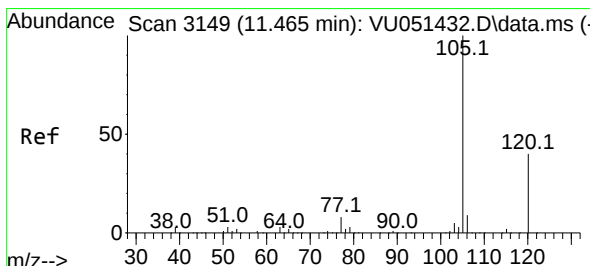
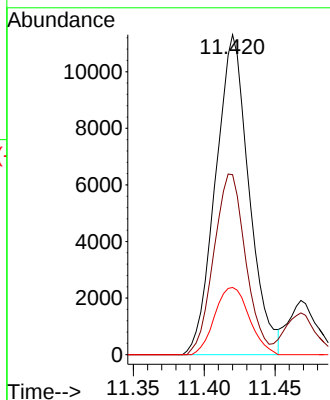
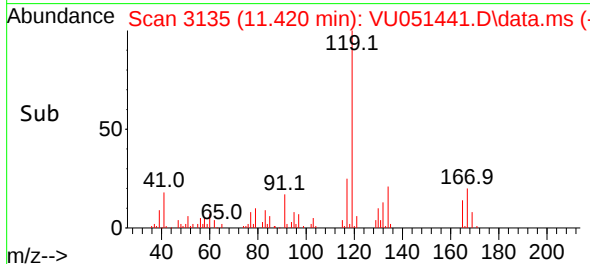
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022



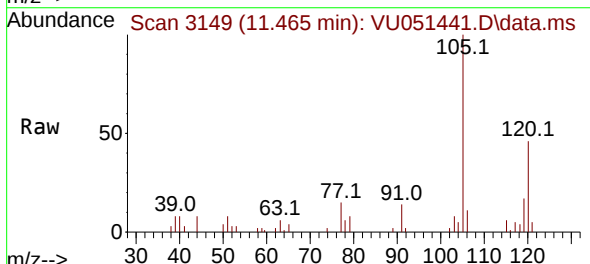
Tgt Ion:119 Resp: 18544
Ion Ratio Lower Upper
119 100
91 53.7 29.8 89.5
134 21.7 17.9 26.9

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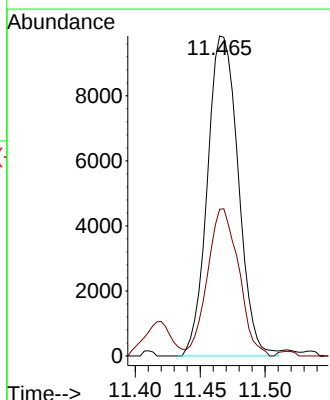
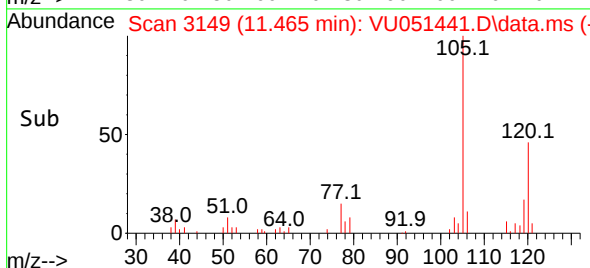
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022

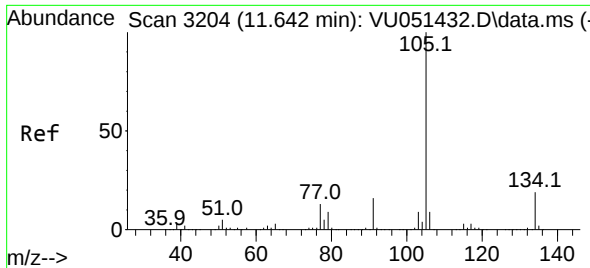


#78
1,2,4-Trimethylbenzene
Concen: 0.298 ug/l
RT: 11.465 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51



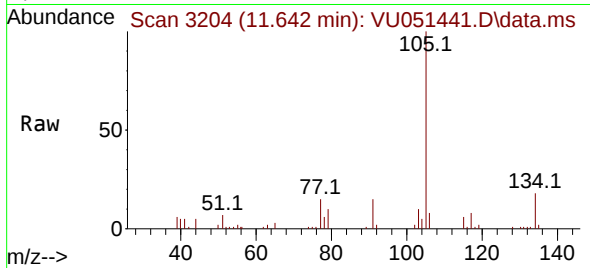
Tgt Ion:105 Resp: 16258
Ion Ratio Lower Upper
105 100
120 46.5 22.1 66.3





#79
 sec-Butylbenzene
 Concen: 0.314 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU051441.D
 Acq: 18 Oct 2022 14:51

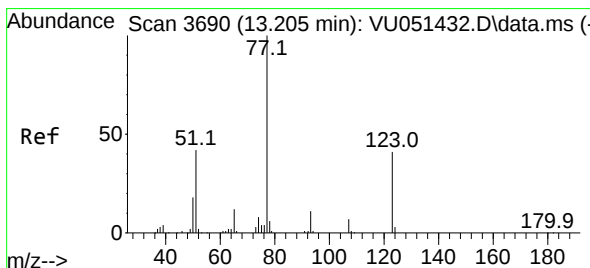
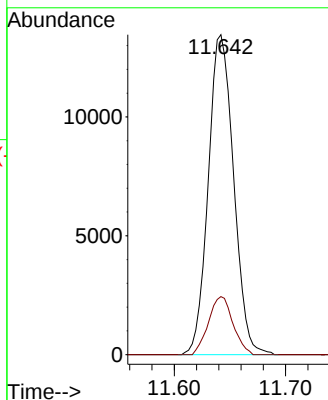
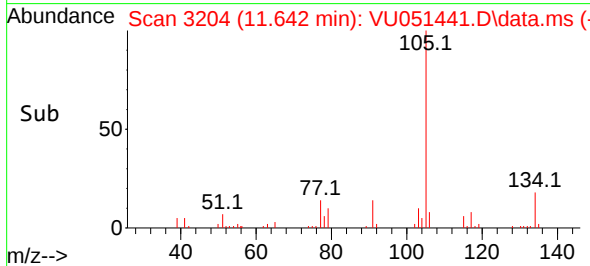
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT4-2022



Tgt Ion:105 Resp: 21304
 Ion Ratio Lower Upper
 105 100
 134 17.5 15.2 22.8

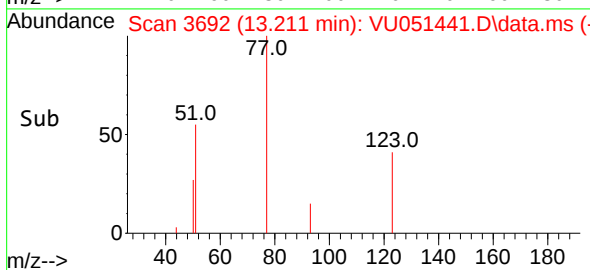
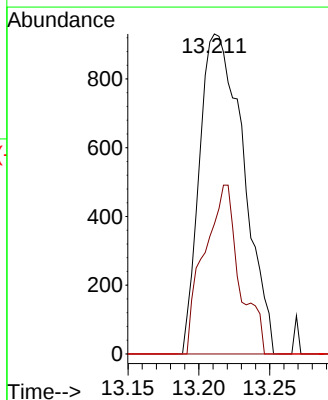
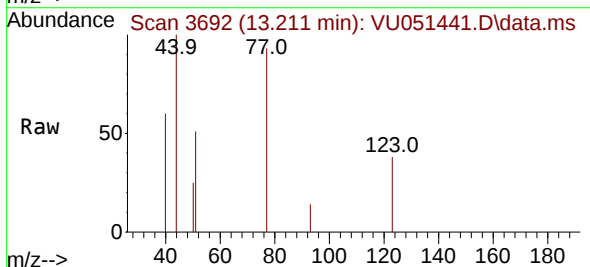
Manual Integrations
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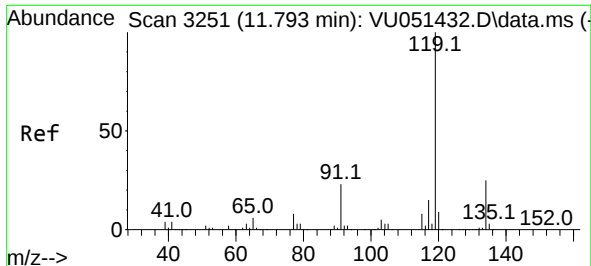
Reviewed By :Krupa Patel 10/25/2022
 Supervised By :Mahesh Dadoda 10/25/2022



#80
 Nitrobenzene
 Concen: 2.219 ug/l
 RT: 13.211 min Scan# 3692
 Delta R.T. 0.006 min
 Lab File: VU051441.D
 Acq: 18 Oct 2022 14:51

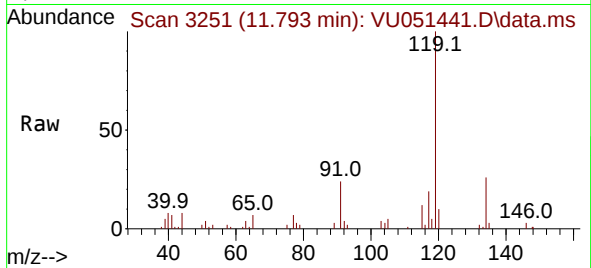
Tgt Ion: 77 Resp: 2008
 Ion Ratio Lower Upper
 77 100
 123 42.2 17.5 62.1
 65 0.0 11.1 14.1#





#81
p-Isopropyltoluene
Concen: 0.298 ug/l
RT: 11.793 min Scan# 3251
Delta R.T. -0.000 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

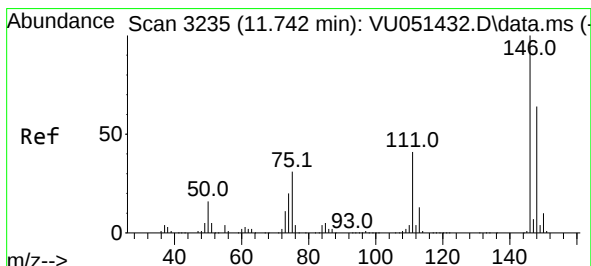
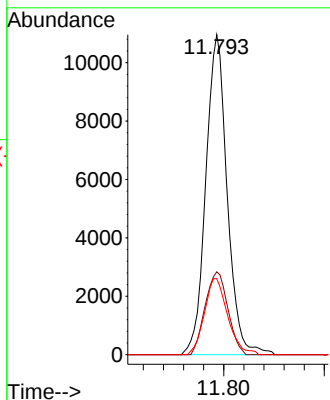
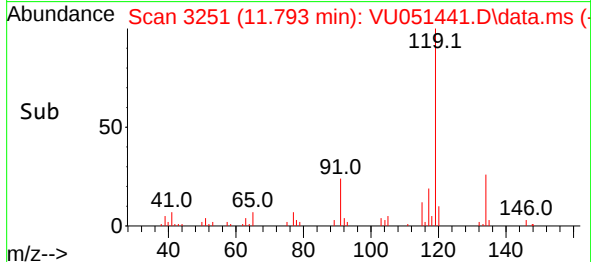
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022



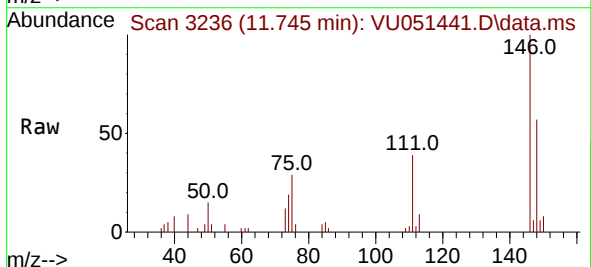
Tgt Ion:119 Resp: 16180
Ion Ratio Lower Upper
119 100
134 27.4 20.3 30.5
91 25.9 18.6 27.8

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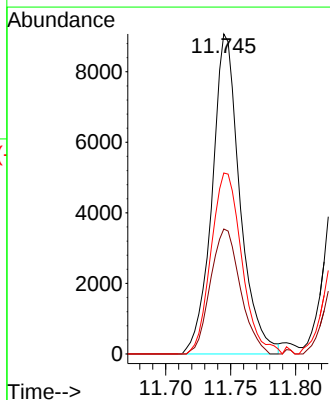
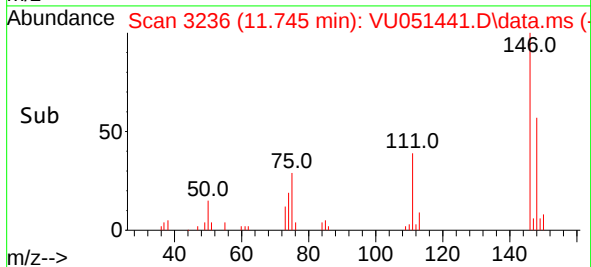
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022

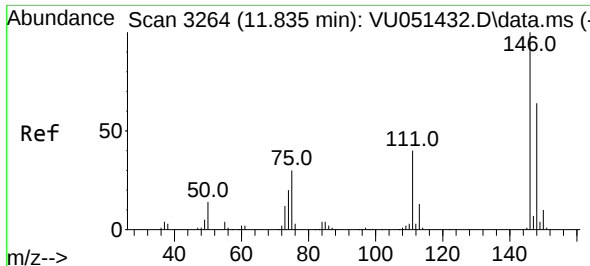


#82
1,3-Dichlorobenzene
Concen: 0.394 ug/l
RT: 11.745 min Scan# 3236
Delta R.T. 0.003 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51



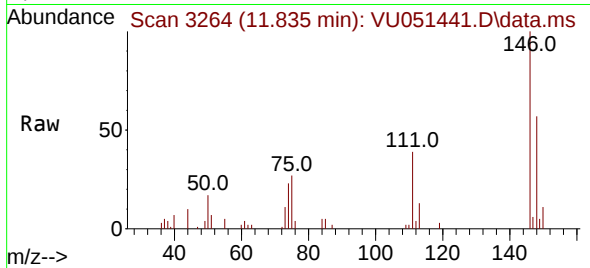
Tgt Ion:146 Resp: 13479
Ion Ratio Lower Upper
146 100
111 42.0 33.4 50.0
148 62.5 51.0 76.6





#83
1,4-Dichlorobenzene
Concen: 0.398 ug/l
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

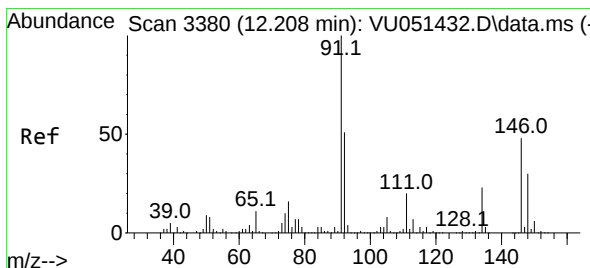
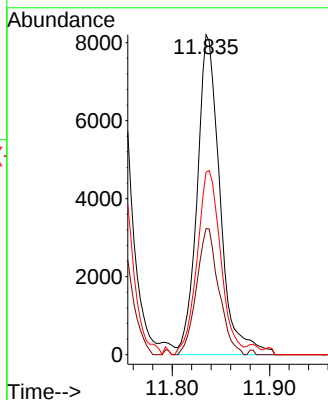
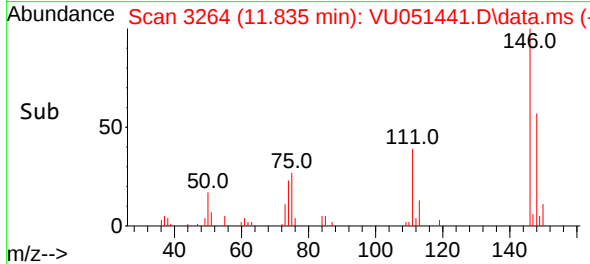
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022



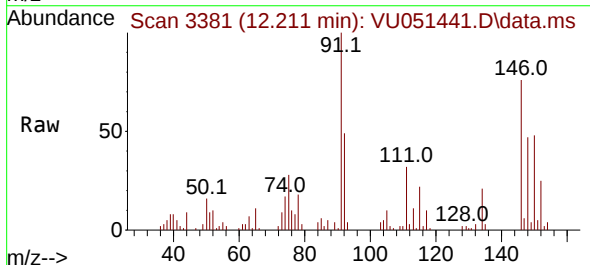
Tgt Ion:146 Resp: 1333
Ion Ratio Lower Upper
146 100
111 38.5 31.6 47.4
148 59.6 50.5 75.7

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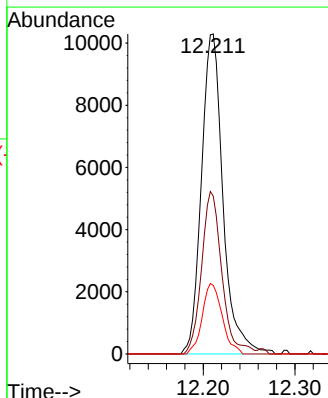
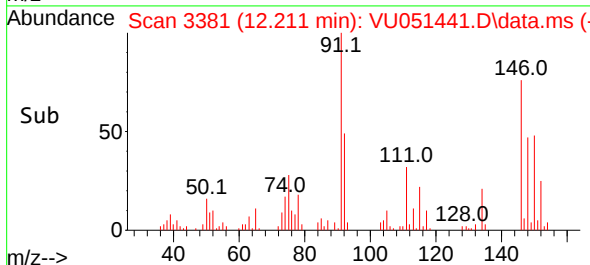
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022

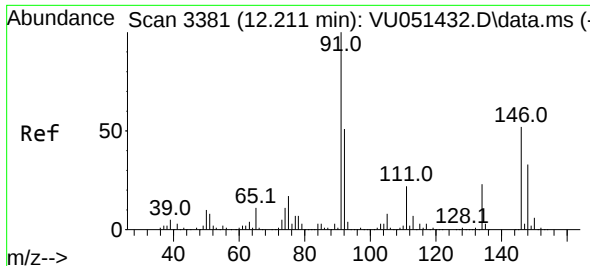


#84
n-Butylbenzene
Concen: 0.312 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51



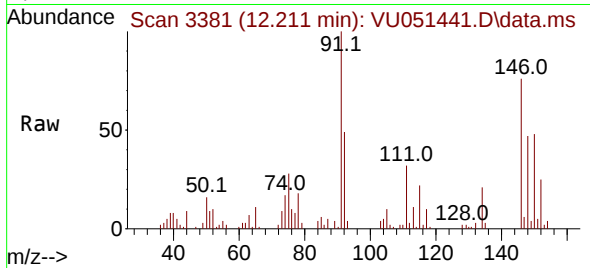
Tgt Ion: 91 Resp: 16830
Ion Ratio Lower Upper
91 100
92 47.6 40.6 61.0
134 20.2 18.3 27.5





#85
1,2-Dichlorobenzene
Concen: 0.383 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

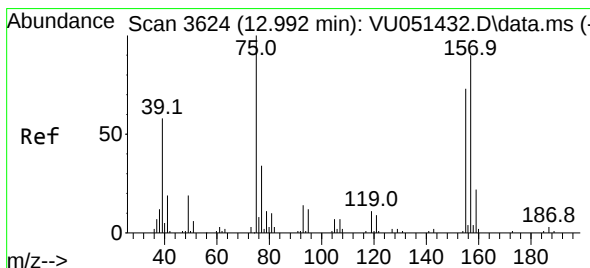
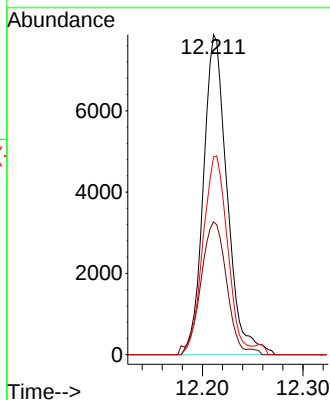
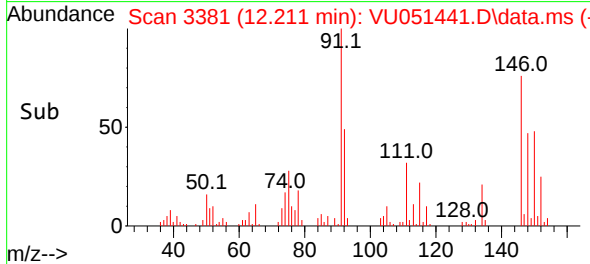
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2022



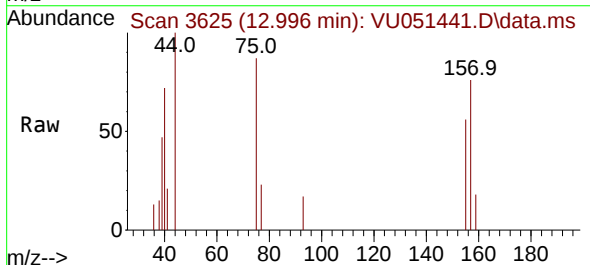
Tgt Ion:146 Resp: 12910
Ion Ratio Lower Upper
146 100
111 45.3 21.3 63.9
148 64.5 31.8 95.4

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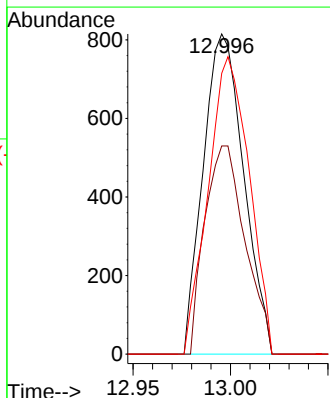
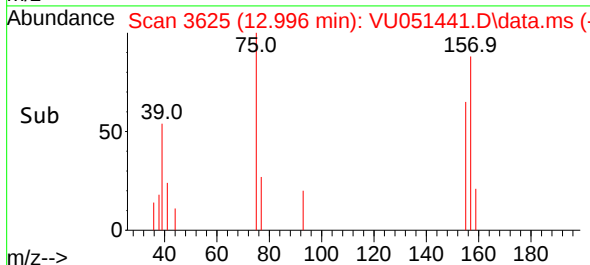
Reviewed By :Krupa Patel 10/25/2022
Supervised By :Mahesh Dadoda 10/25/2022

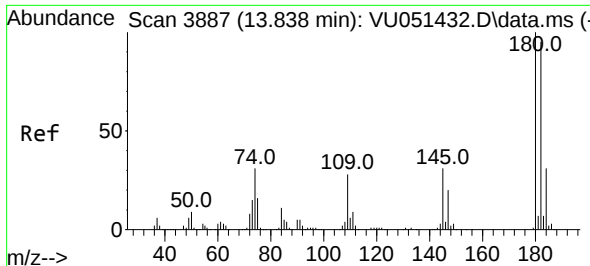


#86
1,2-Dibromo-3-Chloropropane
Concen: 0.413 ug/l
RT: 12.996 min Scan# 3625
Delta R.T. 0.003 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51



Tgt Ion: 75 Resp: 1180
Ion Ratio Lower Upper
75 100
155 64.7 58.5 87.7
157 93.9 75.3 112.9





#87

1,2,4-Trichlorobenzene

Concen: 0.358 ug/l

RT: 13.841 min Scan# 3888

Delta R.T. 0.003 min

Lab File: VU051441.D

Acq: 18 Oct 2022 14:51

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT4-2022

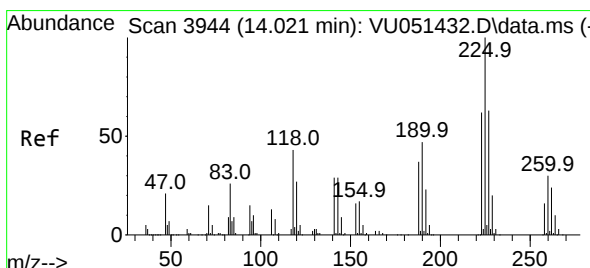
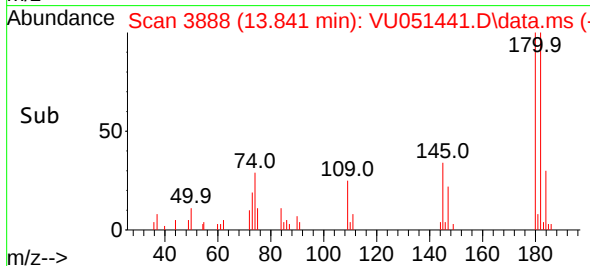
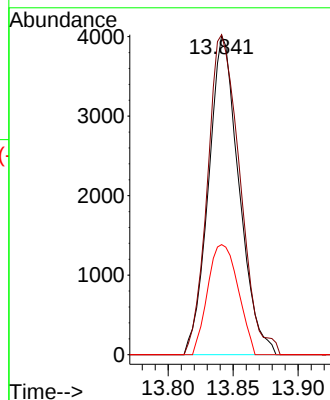
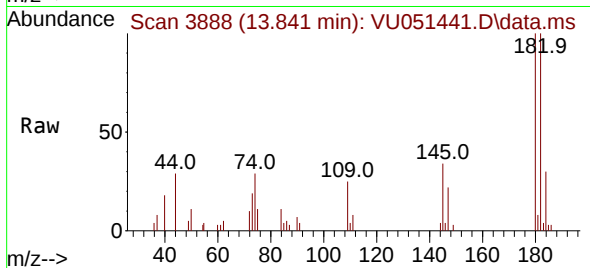
Tgt Ion:180	Resp:	6538
Ion Ratio	Lower	Upper
180	100	
182	106.6	75.9 113.9
145	34.4	24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/25/2022

Supervised By :Mahesh Dadoda 10/25/2022



#88

Hexachlorobutadiene

Concen: 0.469 ug/l

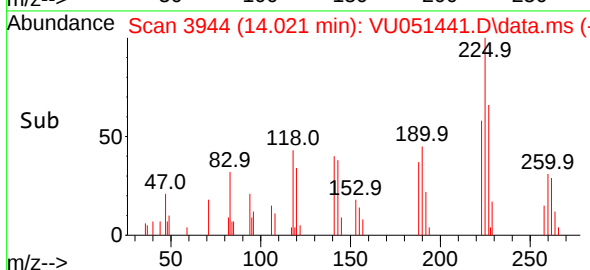
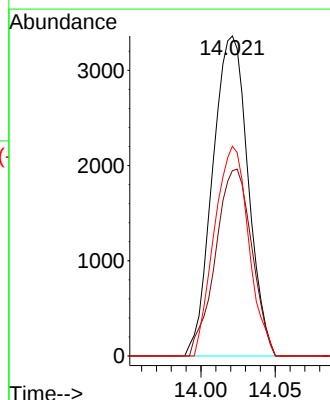
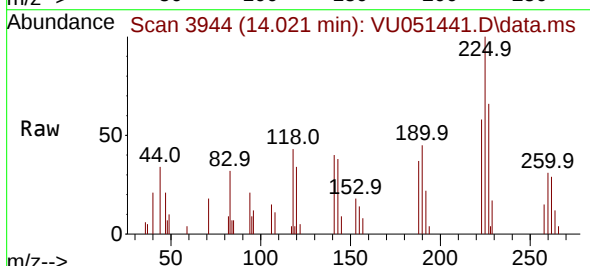
RT: 14.021 min Scan# 3944

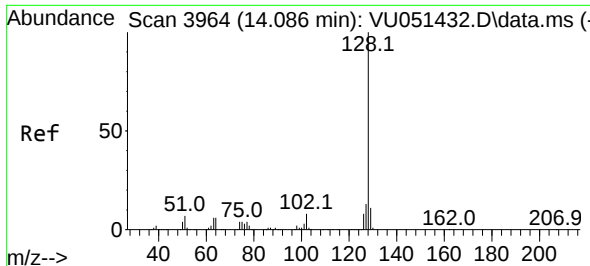
Delta R.T. 0.000 min

Lab File: VU051441.D

Acq: 18 Oct 2022 14:51

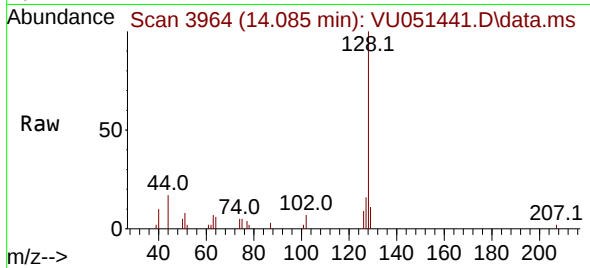
Tgt Ion:225	Resp:	5576
Ion Ratio	Lower	Upper
225	100	
223	59.7	50.1 75.1
227	63.4	51.4 77.2





#89
Naphthalene
Concen: 0.330 ug/l
RT: 14.085 min Scan# 3964
Delta R.T. -0.001 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51

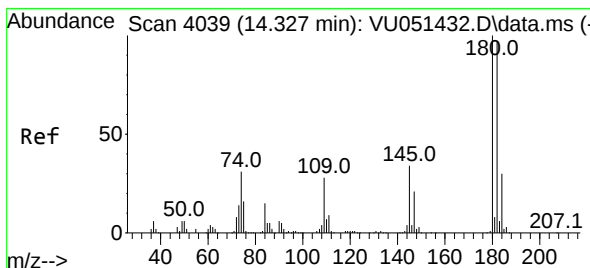
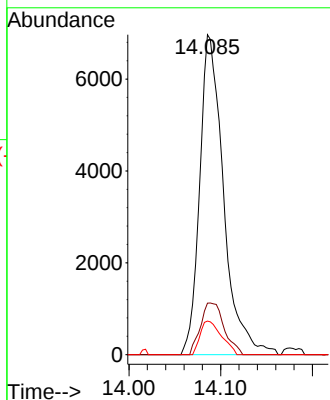
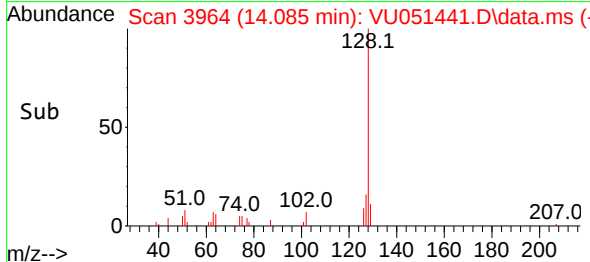
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT4-2022



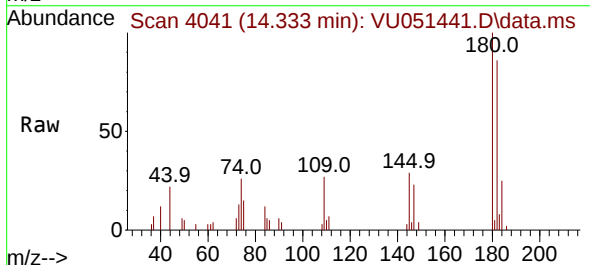
Tgt Ion:128 Resp: 1261
Ion Ratio Lower Upper
128 100
127 16.0 10.7 16.1
129 9.3 8.4 12.6

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: 0.365 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.006 min
Lab File: VU051441.D
Acq: 18 Oct 2022 14:51



Tgt Ion:180 Resp: 7289
Ion Ratio Lower Upper
180 100
182 96.0 75.8 113.6
145 29.9 26.6 39.8

