

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022823\
 Data File : VU053171.D
 Acq On : 28 Feb 2023 14:22
 Operator : JC/MD
 Sample : 01627-08 0.5PPB
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT1-2023

Quant Time: Mar 01 03:57:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U022723DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Mar 01 03:54:45 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 03/01/2023
 Supervised By :Mahesh Dadoda 03/01/2023

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

Internal Standards						
1) Fluorobenzene	6.112	96	24349	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	10102	0.983	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
68) 1,2-Dichlorobenzene-d4	12.189	152	8654	1.062	ug/l	0.00
Spiked Amount 1.000			Recovery	=	106.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.386	85	2315	0.375	ug/l	93
3) Chloromethane	1.524	50	2529	0.397	ug/l	95
4) Vinyl Chloride	1.605	62	2626	0.387	ug/l	92
5) Bromomethane	1.859	94	1519	0.394	ug/l	91
6) Chloroethane	1.939	64	1696	0.412	ug/l	90
7) Trichlorofluoromethane	2.142	101	3785	0.388	ug/l	86
8) 1,1,2-Trichloro-1,2,2-...	2.585	101	2313	0.379	ug/l	94
9) 1,1-Dichloroethene	2.582	96	1958	0.369	ug/l	95
10) Iodomethane	2.724	142	1803	0.331	ug/l	95
11) Allyl Chloride	2.923	41	3256	0.393	ug/l	95
12) Acrylonitrile	3.318	53	1310	0.965	ug/l #	53
13) Acetone	2.643	43	4476m	2.307	ug/l	
14) Carbon Disulfide	2.794	76	4630	0.381	ug/l	97
15) Methylene Chloride	3.045	84	5530	0.730	ug/l	92
16) trans-1,2-Dichloroethene	3.351	96	2074	0.356	ug/l	92
17) 1,1-Dichloroethane	3.868	63	4883	0.383	ug/l #	94
18) 2-Butanone	4.723	43	5612m	2.409	ug/l	
19) Cyclohexane	5.386	56	4269m	0.419	ug/l	
20) Methylcyclohexane	6.762	83	3690	0.378	ug/l	93
21) 2,2-Dichloropropane	4.659	77	4682	0.419	ug/l	96
22) cis-1,2-Dichloroethene	4.666	96	2736	0.381	ug/l	91
23) Diethyl Ether	2.379	59	1674	0.386	ug/l #	86
24) tert-Butyl Alcohol	3.251	59	2077m	4.077	ug/l	
25) Methyl tert-Butyl Ether	3.363	73	6055	0.393	ug/l #	90
26) Bromochloromethane	4.981	128	992	0.357	ug/l	92
27) Chloroform	5.087	83	5291	0.403	ug/l	93
28) 1,1,1-Trichloroethane	5.312	97	3954	0.358	ug/l	95
29) 1,1-Dichloropropene	5.527	75	3293	0.398	ug/l	96
30) Carbon Tetrachloride	5.521	117	2692	0.354	ug/l	94
31) Isopropyl Ether	3.994	45	7367	0.362	ug/l	96
32) Ethyl-t-butyl ether	4.505	59	7135	0.370	ug/l	95
33) Tert-Amyl methyl ether	5.945	73	5877	0.384	ug/l #	91
34) Propionitrile	4.794	54	1140m	2.104	ug/l	
35) Benzene	5.772	78	9842	0.403	ug/l	97
36) 1,2-Dichloroethane	5.797	62	2929	0.402	ug/l #	82
37) Trichloroethene	6.543	130	2087	0.373	ug/l	98
38) 1,2-Dichloropropane	6.794	63	2837	0.402	ug/l	94
39) Methacrylonitrile	4.981	41	1059m	0.458	ug/l	
40) Methyl acrylate	4.855	55	1881m	0.526	ug/l	
41) Tetrahydrofuran	5.064	42	1580m	1.394	ug/l	
42) 1-Chlorobutane	5.457	56	4305	0.374	ug/l	80
43) Dibromomethane	6.916	93	1135	0.363	ug/l	92
44) Bromodichloromethane	7.106	83	3264	0.382	ug/l #	87

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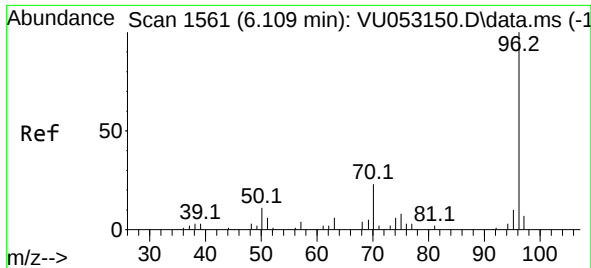
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.794	43	8167	2.139	ug/l	97
46) t-1,4-Dichloro-2-butene	10.829	75	1716m	0.892	ug/l	
47) Methyl methacrylate	6.965	69	2651	0.824	ug/l #	95
48) Ethyl methacrylate	8.337	69	2535	0.384	ug/l	97
49) Toluene	7.971	92	5833	0.388	ug/l	99
50) t-1,3-Dichloropropene	8.209	75	3121	0.376	ug/l	94
51) cis-1,3-Dichloropropene	7.608	75	3651	0.362	ug/l #	85
52) 1,1,2-Trichloroethane	8.402	97	1864	0.406	ug/l	95
53) 1,3-Dichloropropane	8.575	76	3421	0.415	ug/l	98
54) 2-Hexanone	8.691	43	6775	2.082	ug/l	95
55) Dibromochloromethane	8.807	129	1980	0.378	ug/l	94
56) 1,2-Dibromoethane	8.923	107	1512	0.370	ug/l	89
58) Tetrachloroethene	8.550	164	1768	0.396	ug/l #	87
59) Chlorobenzene	9.447	112	6861	0.408	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.534	131	2124	0.383	ug/l	98
61) Pentachloroethane	11.424	117	1759	0.365	ug/l	84
62) Hexachloroethane	12.476	117	1640	0.308	ug/l	93
63) Ethyl Benzene	9.569	91	12272	0.396	ug/l	95
64) m/p-Xylenes	9.694	106	8496	0.755	ug/l	95
65) o-Xylene	10.096	106	4398	0.383	ug/l	97
66) Styrene	10.116	104	6636	0.364	ug/l	94
67) Bromoform	10.289	173	880	0.345	ug/l #	96
69) Isopropylbenzene	10.482	105	11893	0.387	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.781	83	2504	0.404	ug/l #	93
71) 1,2,3-Trichloropropane	10.829	75	2118m	0.398	ug/l	
72) Bromobenzene	10.781	156	2485	0.416	ug/l	95
73) n-propylbenzene	10.903	120	2927	0.359	ug/l	97
74) 2-Chlorotoluene	10.984	126	2515	0.372	ug/l	83
75) 1,3,5-Trimethylbenzene	11.087	105	9590	0.375	ug/l	99
76) 4-Chlorotoluene	11.096	126	2739	0.386	ug/l	87
77) tert-Butylbenzene	11.418	119	9522	0.380	ug/l	98
78) 1,2,4-Trimethylbenzene	11.466	105	10215	0.392	ug/l	99
79) sec-Butylbenzene	11.640	105	13886	0.399	ug/l	98
80) Nitrobenzene	13.225	77	391	1.208	ug/l #	70
81) p-Isopropyltoluene	11.791	119	10012	0.363	ug/l	98
82) 1,3-Dichlorobenzene	11.746	146	5023	0.383	ug/l	99
83) 1,4-Dichlorobenzene	11.836	146	5411	0.404	ug/l	99
84) n-Butylbenzene	12.205	91	11420	0.400	ug/l	96
85) 1,2-Dichlorobenzene	12.212	146	4996	0.400	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.993	75	331	0.340	ug/l #	66
87) 1,2,4-Trichlorobenzene	13.842	180	3067	0.400	ug/l #	93
88) Hexachlorobutadiene	14.019	225	1451	0.387	ug/l #	86
89) Naphthalene	14.090	128	7597	0.466	ug/l	98
90) 1,2,3-Trichlorobenzene	14.324	180	2817	0.417	ug/l	98

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



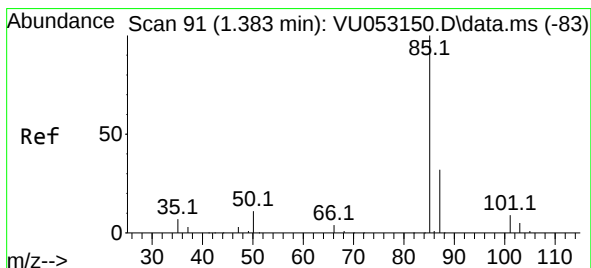
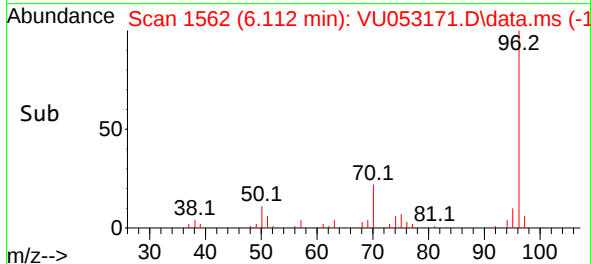
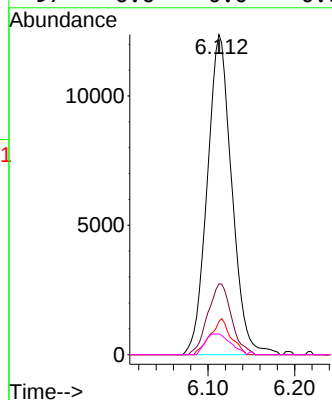
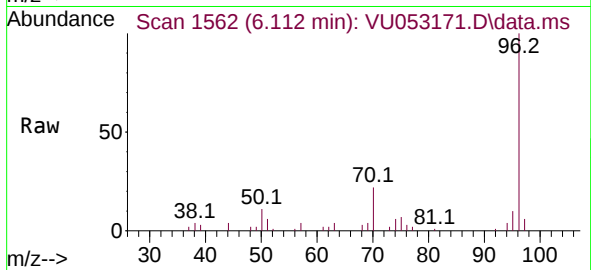
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Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion: 96 Resp: 24349
Ion Ratio Lower Upper
96 100
70 21.4 15.5 23.3
95 9.4 7.0 10.6
97 6.6 0.0 0.0#

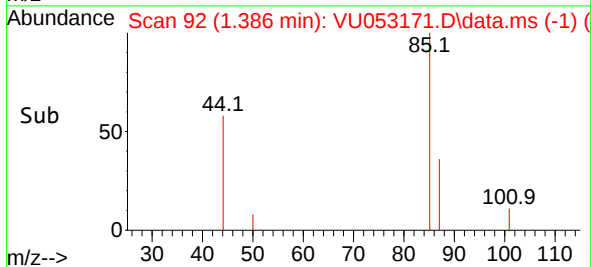
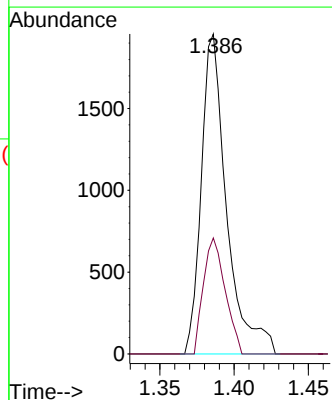
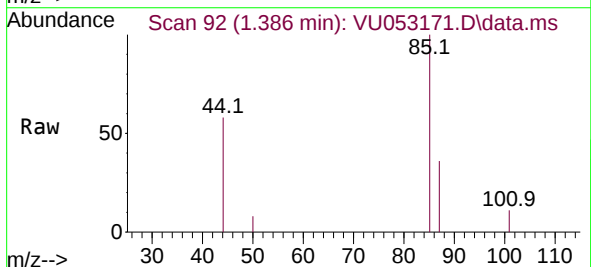
Manual Integrations
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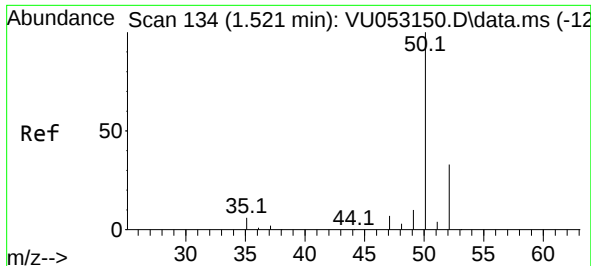
Reviewed By :Krupa Patel 03/01/2023
Supervised By :Mahesh Dadoda 03/01/2023



#2
Dichlorodifluoromethane
Concen: 0.375 ug/l
RT: 1.386 min Scan# 92
Delta R.T. 0.003 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22

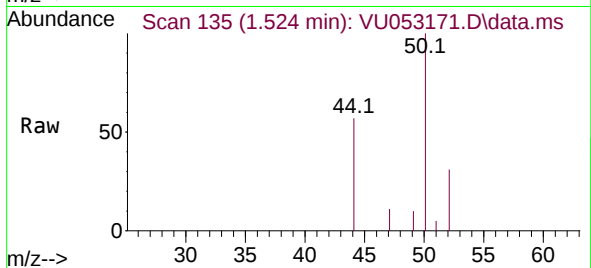
Tgt Ion: 85 Resp: 2315
Ion Ratio Lower Upper
85 100
87 36.2 16.1 48.2





#3
Chloromethane
Concen: 0.397 ug/l
RT: 1.524 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22

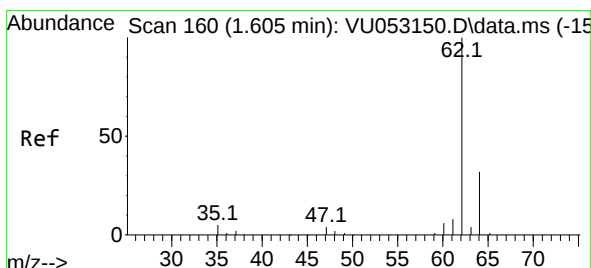
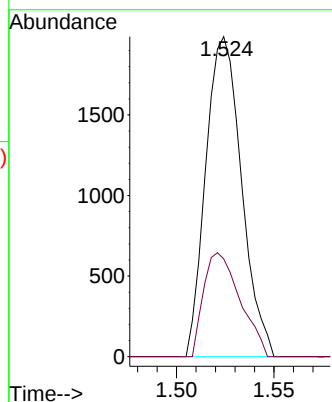
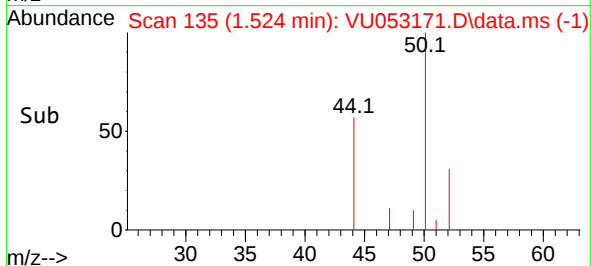
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2023



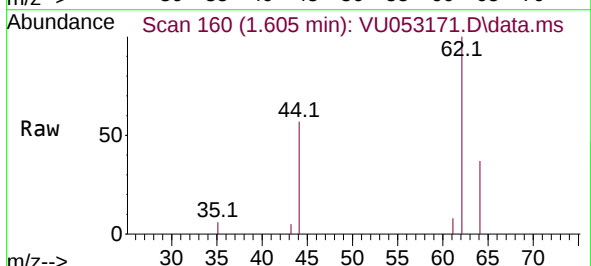
Tgt Ion: 50 Resp: 2529
Ion Ratio Lower Upper
50 100
52 30.5 26.7 40.1

Manual Integrations
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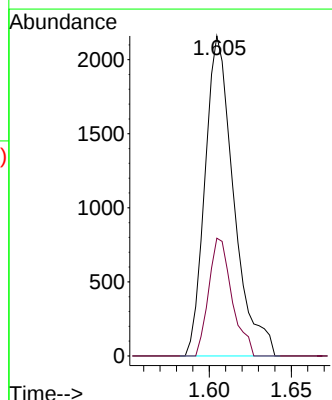
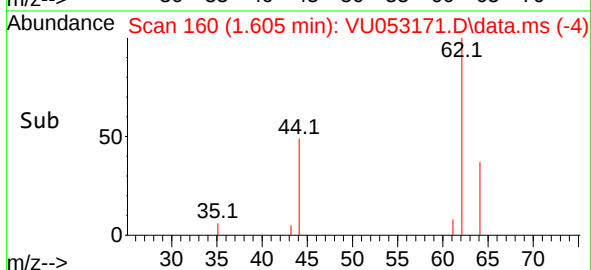
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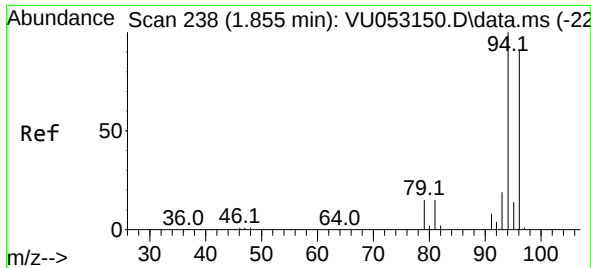


#4
Vinyl Chloride
Concen: 0.387 ug/l
RT: 1.605 min Scan# 160
Delta R.T. 0.000 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22



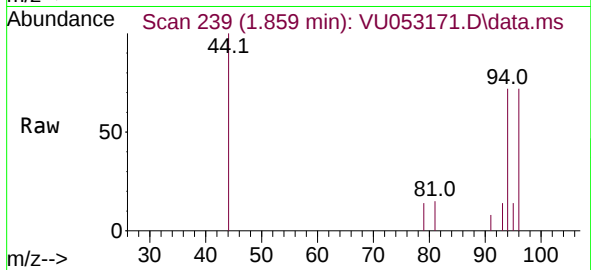
Tgt Ion: 62 Resp: 2626
Ion Ratio Lower Upper
62 100
64 36.8 25.8 38.6





#5
Bromomethane
Concen: 0.394 ug/l
RT: 1.859 min Scan# 215
Delta R.T. 0.003 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22

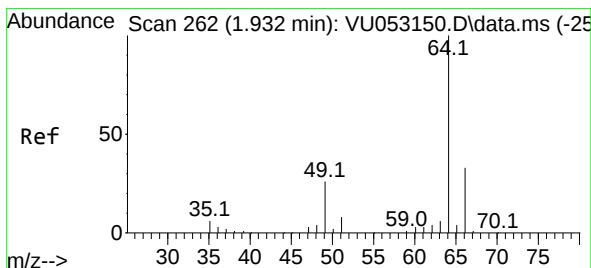
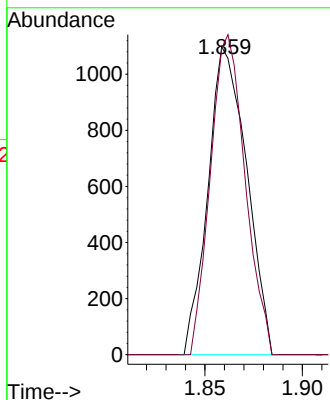
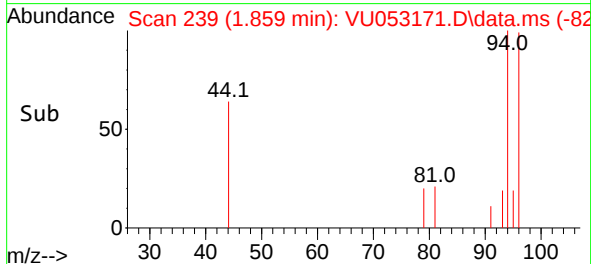
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2023



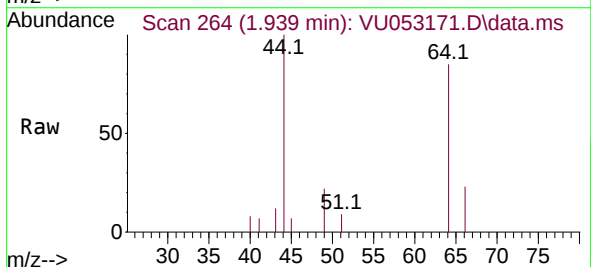
Tgt Ion: 94 Resp: 1519
Ion Ratio Lower Upper
94 100
96 99.5 72.6 108.8

Manual Integrations
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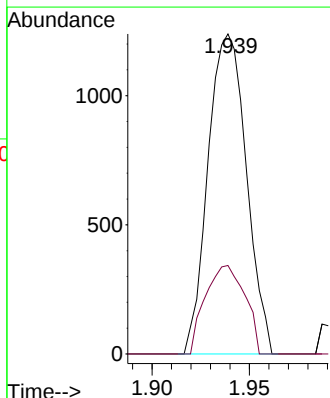
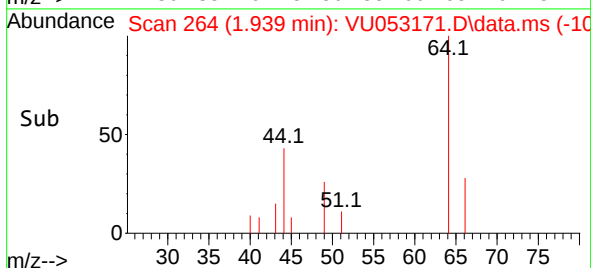
Reviewed By :Krupa Patel 03/01/2023
Supervised By :Mahesh Dadoda 03/01/2023

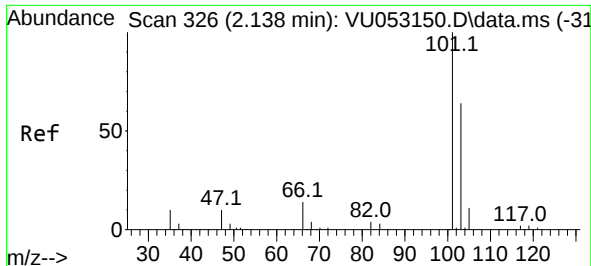


#6
Chloroethane
Concen: 0.412 ug/l
RT: 1.939 min Scan# 264
Delta R.T. 0.006 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22



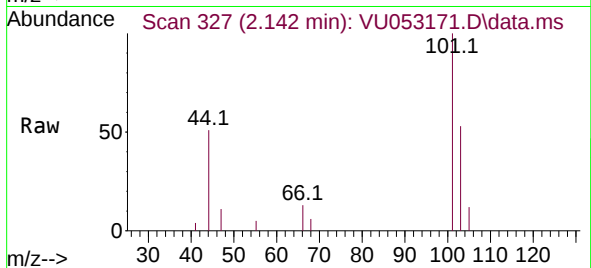
Tgt Ion: 64 Resp: 1696
Ion Ratio Lower Upper
64 100
66 27.7 26.8 40.2





#7
Trichlorofluoromethane
Concen: 0.388 ug/l
RT: 2.142 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22

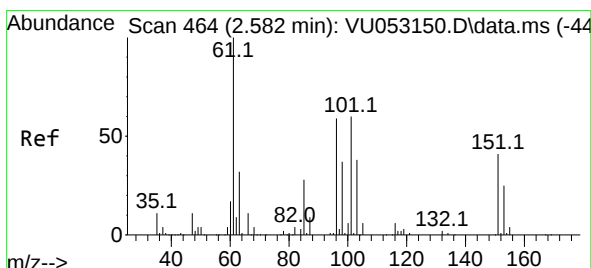
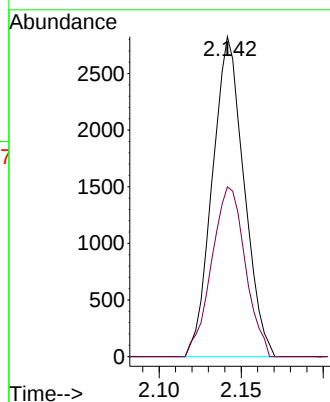
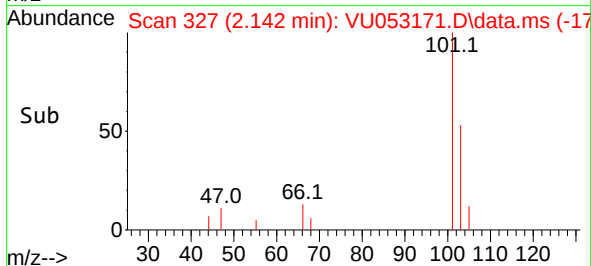
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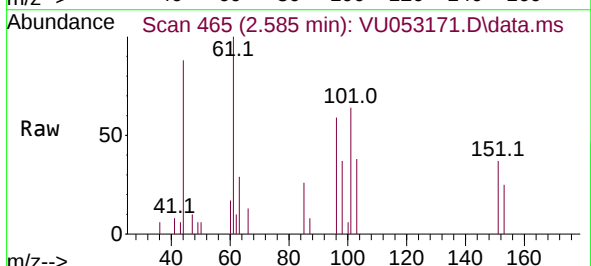
Tgt Ion:101 Resp: 378
Ion Ratio Lower Upper
101 100
103 53.0 51.2 76.8

Manual Integrations
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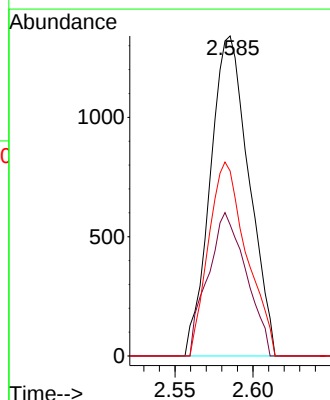
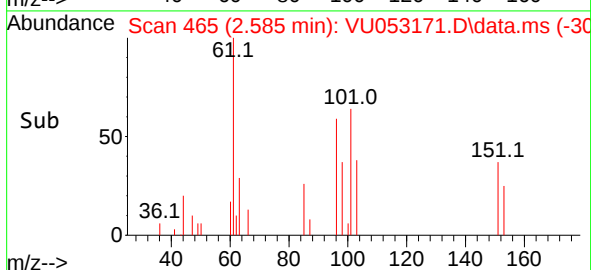
Reviewed By :Krupa Patel 03/01/2023
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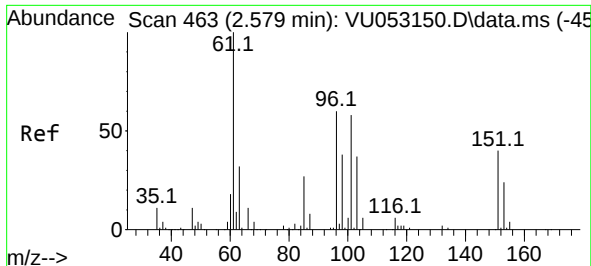


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.379 ug/l
RT: 2.585 min Scan# 465
Delta R.T. 0.003 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22



Tgt Ion:101 Resp: 2313
Ion Ratio Lower Upper
101 100
85 44.4 37.3 55.9
151 59.5 52.4 78.6





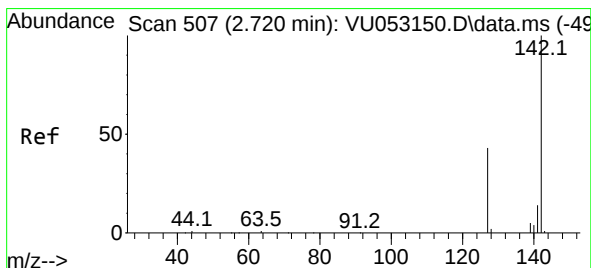
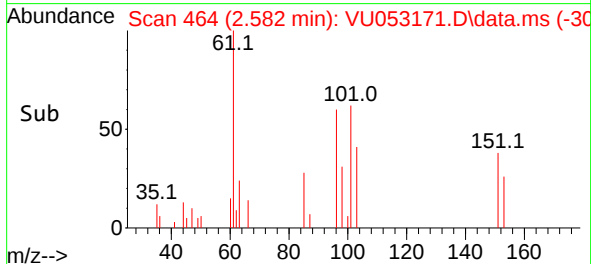
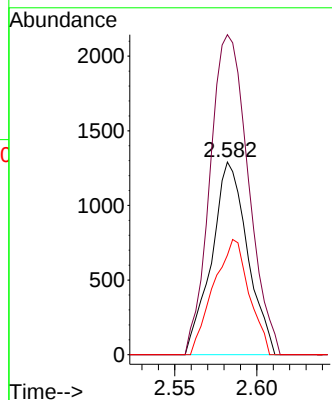
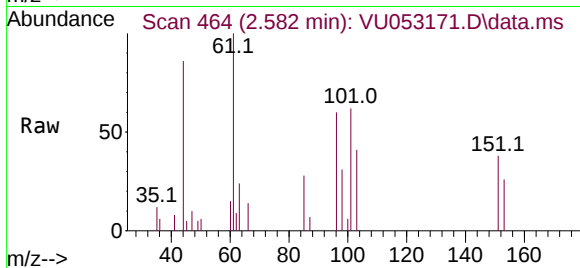
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1,1-Dichloroethene
Concen: 0.369 ug/l
RT: 2.582 min Scan# 464
Delta R.T. 0.003 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion: 96 Resp: 1958
Ion Ratio Lower Upper
96 100
61 166.1 0.0 502.5
98 51.7 0.0 126.2

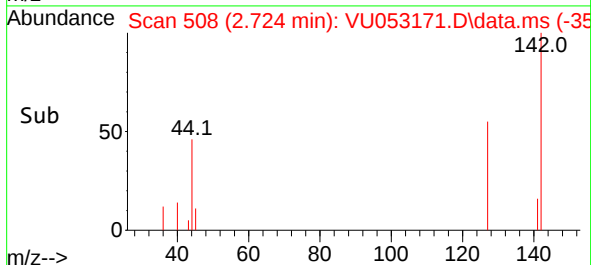
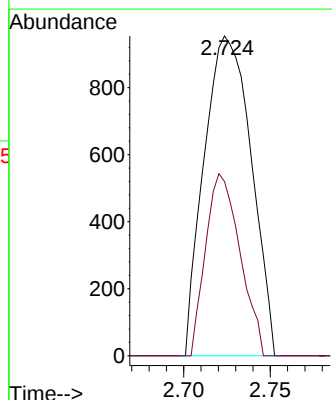
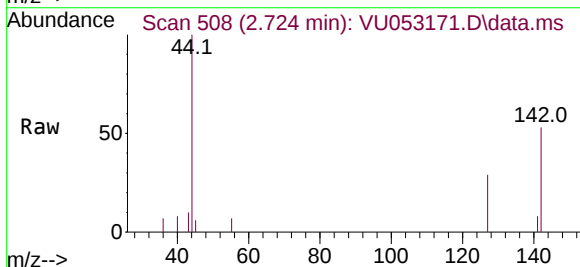
Manual Integrations
APPROVED

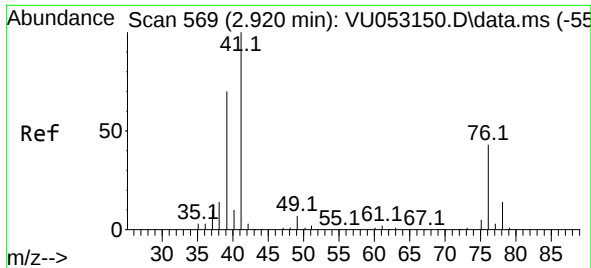
Reviewed By :Krupa Patel 03/01/2023
Supervised By :Mahesh Dadoda 03/01/2023



#10
Iodomethane
Concen: 0.331 ug/l
RT: 2.724 min Scan# 508
Delta R.T. 0.003 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22

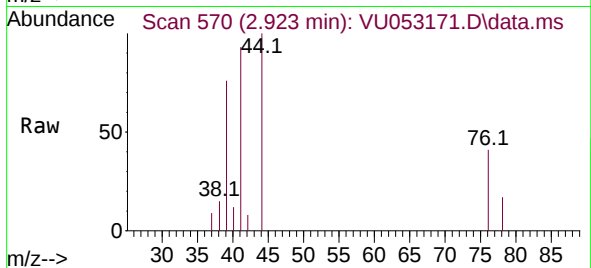
Tgt Ion:142 Resp: 1803
Ion Ratio Lower Upper
142 100
127 41.6 35.8 53.8





#11
 Allyl Chloride
 Concen: 0.393 ug/l
 RT: 2.923 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VU053171.D
 Acq: 28 Feb 2023 14:22

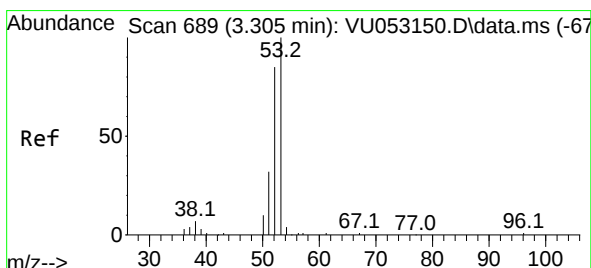
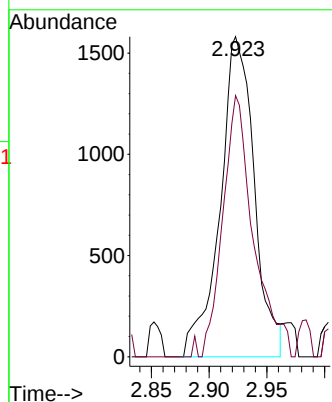
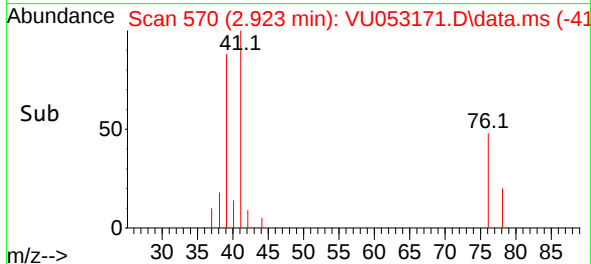
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT1-2023



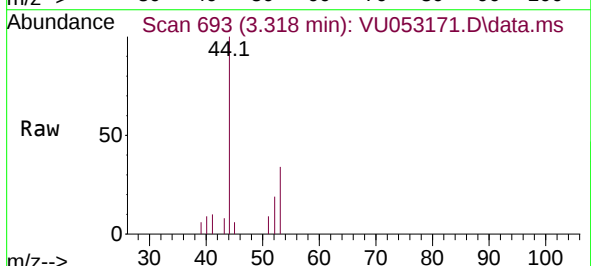
Tgt Ion: 41 Resp: 3250
 Ion Ratio Lower Upper
 41 100
 39 73.1 55.3 82.9

Manual Integrations
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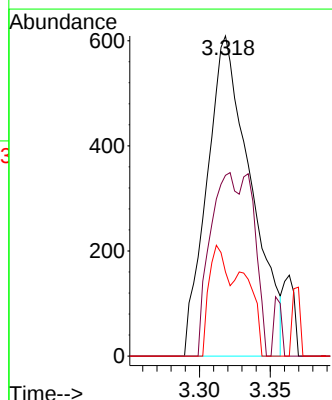
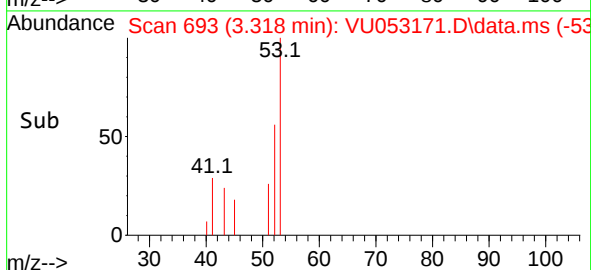
Reviewed By :Krupa Patel 03/01/2023
 Supervised By :Mahesh Dadoda 03/01/2023

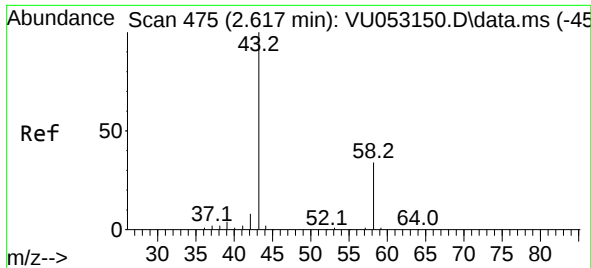


#12
 Acrylonitrile
 Concen: 0.965 ug/l
 RT: 3.318 min Scan# 693
 Delta R.T. 0.013 min
 Lab File: VU053171.D
 Acq: 28 Feb 2023 14:22



Tgt Ion: 53 Resp: 1310
 Ion Ratio Lower Upper
 53 100
 52 37.3 65.9 98.9#
 51 14.7 31.8 47.8#





#13

Acetone

Concen: 2.307 ug/l m

RT: 2.643 min Scan# 44

Delta R.T. 0.026 min

Lab File: VU053171.D

Acq: 28 Feb 2023 14:22

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2023

Tgt Ion: 43 Resp: 4470

Ion Ratio Lower Upper

43 100

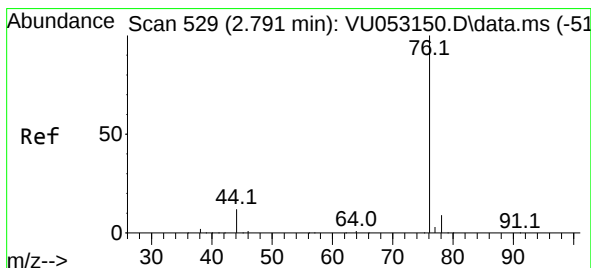
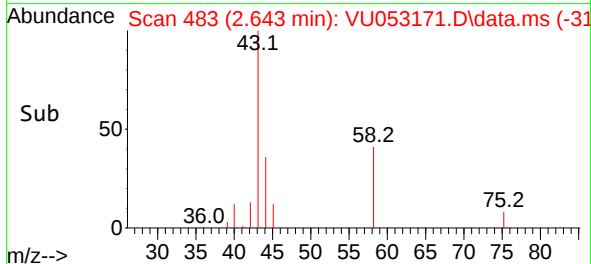
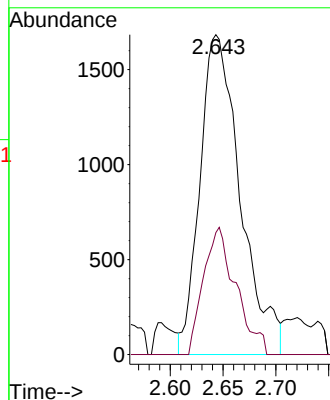
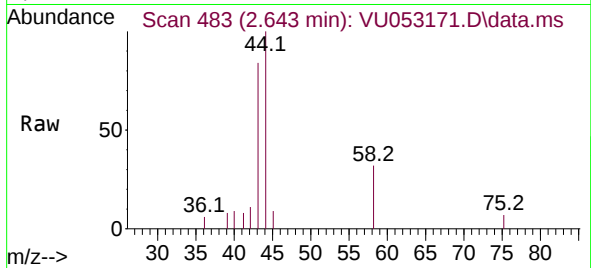
58 38.1 27.2 40.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/01/2023

Supervised By :Mahesh Dadoda 03/01/2023



#14

Carbon Disulfide

Concen: 0.381 ug/l

RT: 2.794 min Scan# 530

Delta R.T. 0.003 min

Lab File: VU053171.D

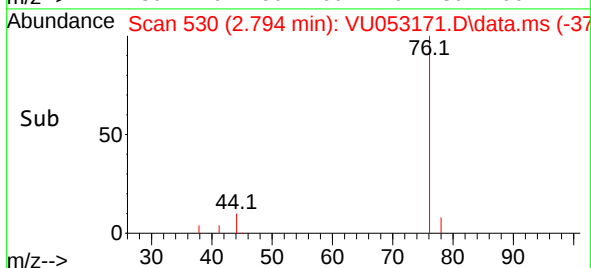
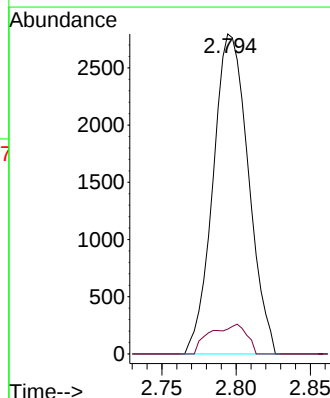
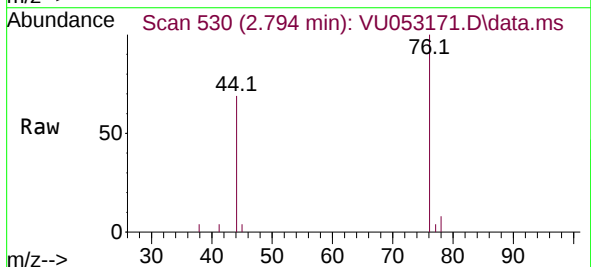
Acq: 28 Feb 2023 14:22

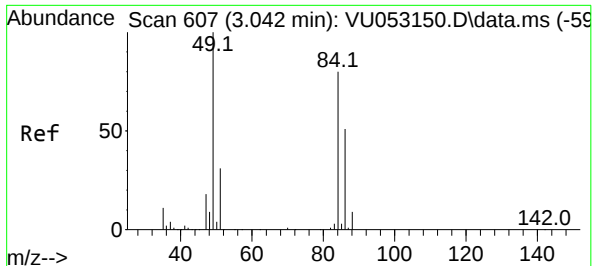
Tgt Ion: 76 Resp: 4630

Ion Ratio Lower Upper

76 100

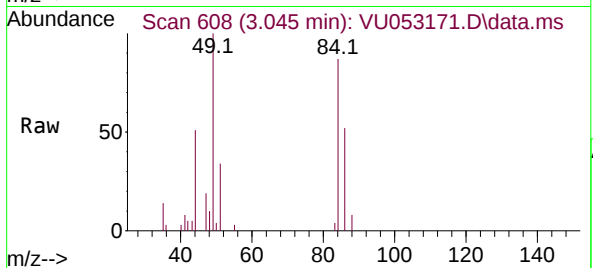
78 7.8 7.2 10.8





#15
Methylene Chloride
Concen: 0.730 ug/l
RT: 3.045 min Scan# 607
Delta R.T. 0.003 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22

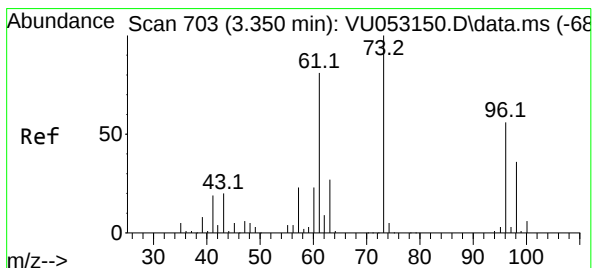
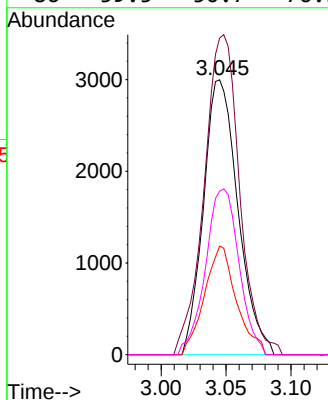
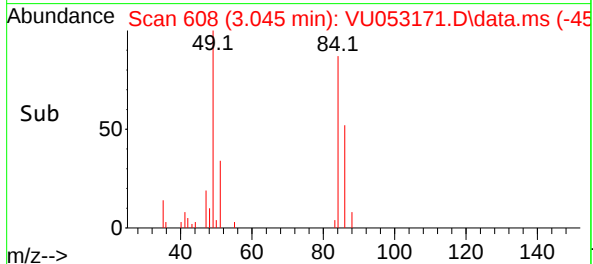
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion: 84 Resp: 5530
Ion Ratio Lower Upper
84 100
49 111.8 99.5 149.3
51 39.5 0.0 76.8
86 59.5 50.7 76.1

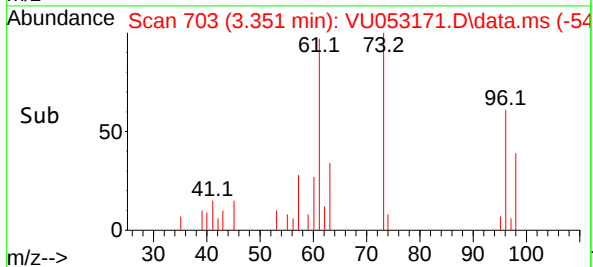
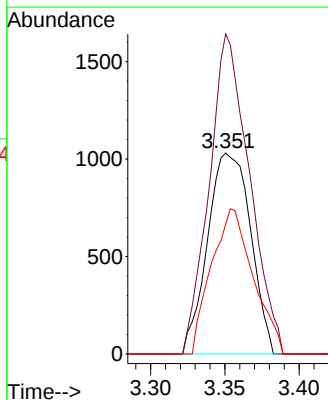
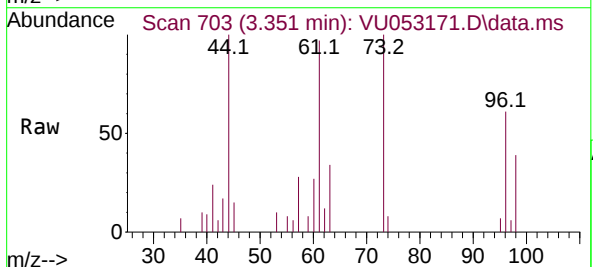
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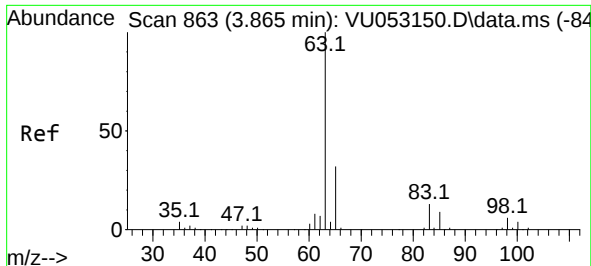
Reviewed By :Krupa Patel 03/01/2023
Supervised By :Mahesh Dadoda 03/01/2023



#16
trans-1,2-Dichloroethene
Concen: 0.356 ug/l
RT: 3.351 min Scan# 703
Delta R.T. 0.000 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22

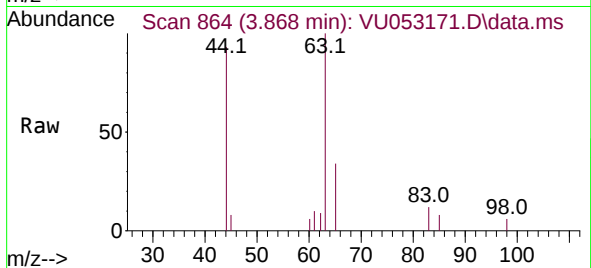
Tgt Ion: 96 Resp: 2074
Ion Ratio Lower Upper
96 100
61 159.3 116.1 174.1
98 64.6 51.4 77.2





#17
1,1-Dichloroethane
Concen: 0.383 ug/l
RT: 3.868 min Scan# 80
Delta R.T. 0.003 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22

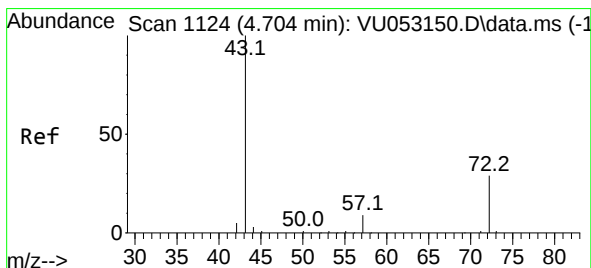
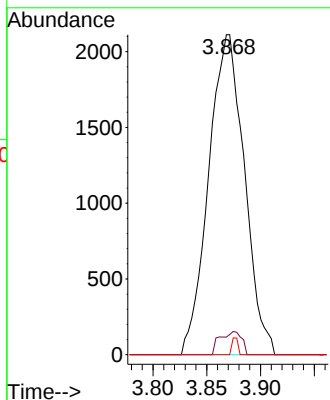
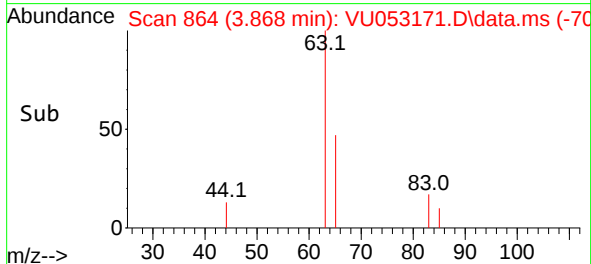
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion: 63 Resp: 488
Ion Ratio Lower Upper
63 100
98 5.5 3.1 9.4
100 0.0 2.1 6.2

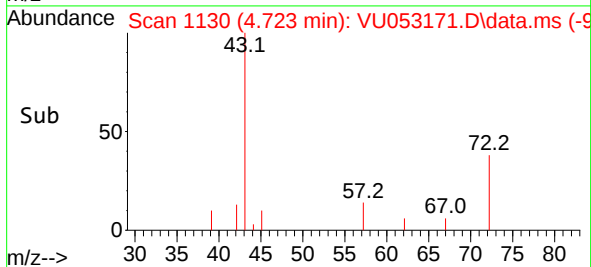
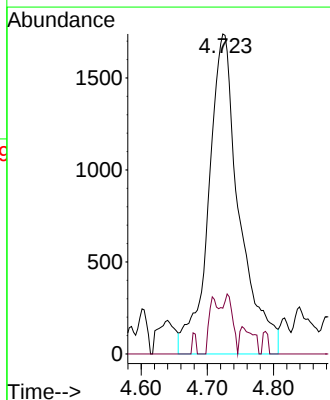
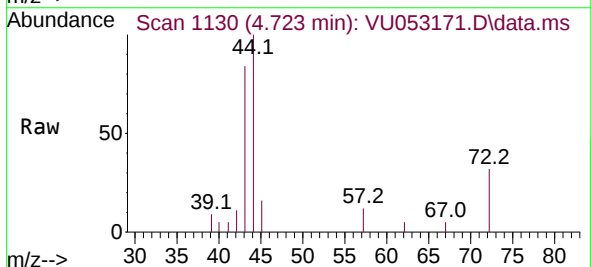
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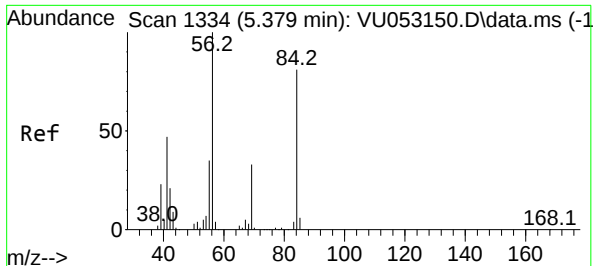
Reviewed By :Krupa Patel 03/01/2023
Supervised By :Mahesh Dadoda 03/01/2023



#18
2-Butanone
Concen: 2.409 ug/l m
RT: 4.723 min Scan# 1130
Delta R.T. 0.019 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22

Tgt Ion: 43 Resp: 5612
Ion Ratio Lower Upper
43 100
57 14.3 0.0 17.6





#19

Cyclohexane

Concen: 0.419 ug/l m

RT: 5.386 min Scan# 11

Delta R.T. 0.007 min

Lab File: VU053171.D

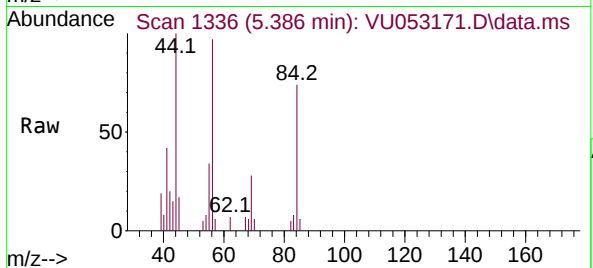
Acq: 28 Feb 2023 14:22

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2023



Tgt Ion: 56 Resp: 4269

Ion Ratio Lower Upper

56 100

69 31.7 26.1 39.1

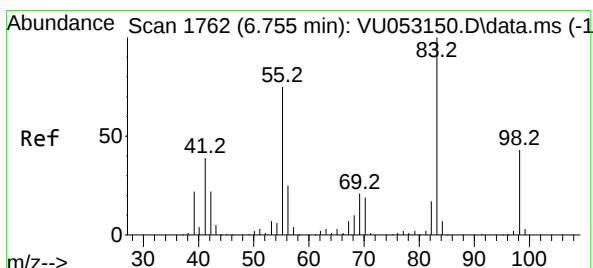
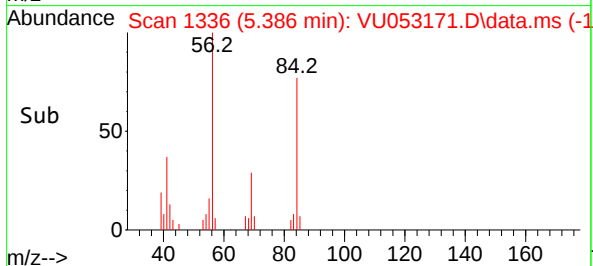
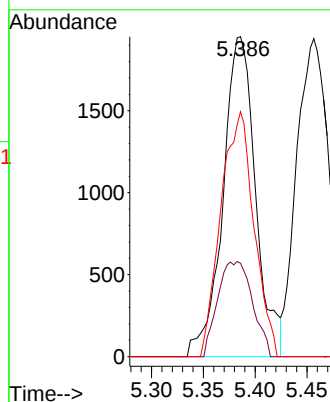
84 77.7 64.7 97.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/01/2023

Supervised By :Mahesh Dadoda 03/01/2023



#20

Methylcyclohexane

Concen: 0.378 ug/l

RT: 6.762 min Scan# 1764

Delta R.T. 0.007 min

Lab File: VU053171.D

Acq: 28 Feb 2023 14:22

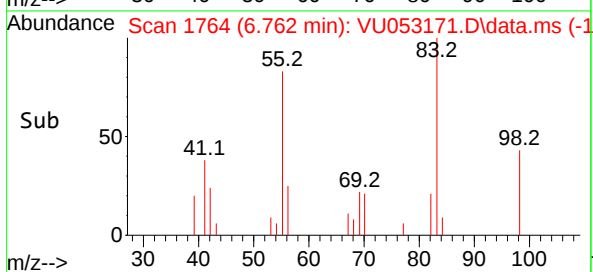
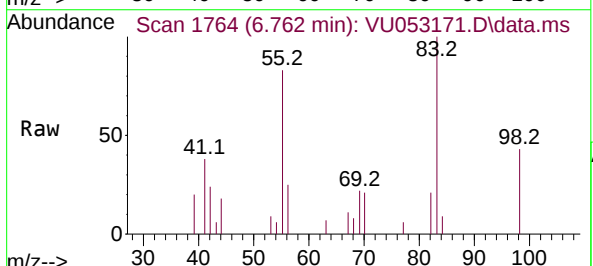
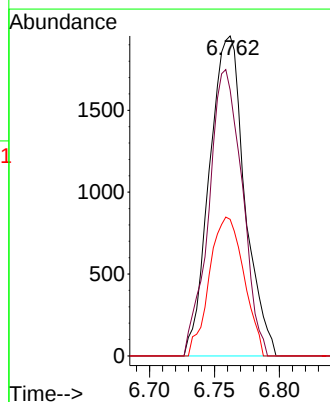
Tgt Ion: 83 Resp: 3690

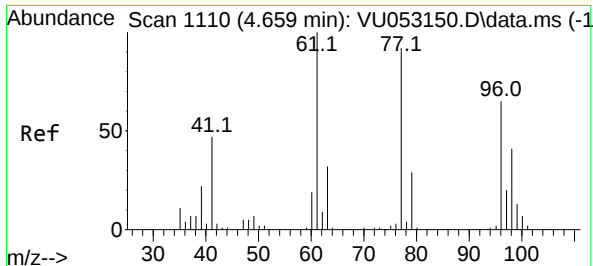
Ion Ratio Lower Upper

83 100

55 84.5 60.2 90.2

98 42.3 33.9 50.9





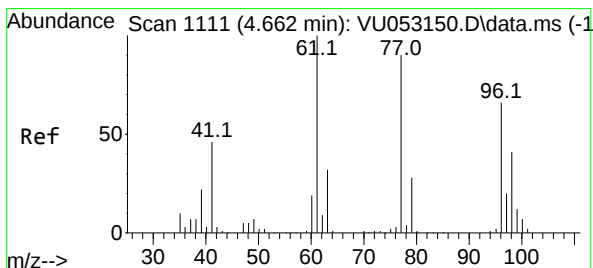
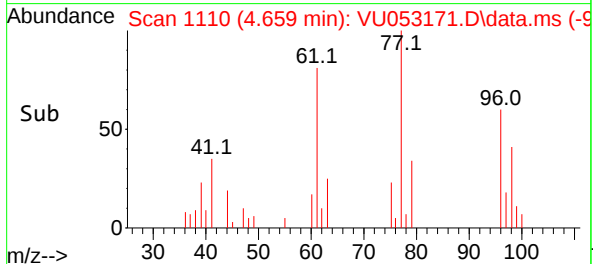
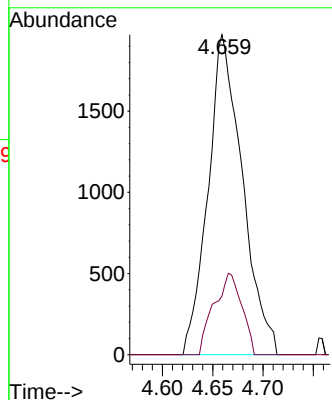
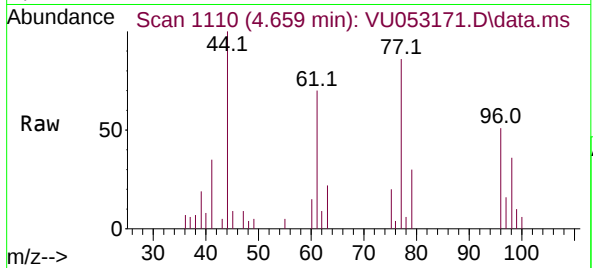
#21
2,2-Dichloropropane
Concen: 0.419 ug/l
RT: 4.659 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion: 77 Resp: 468
Ion Ratio Lower Upper
77 100
97 20.5 17.9 26.9

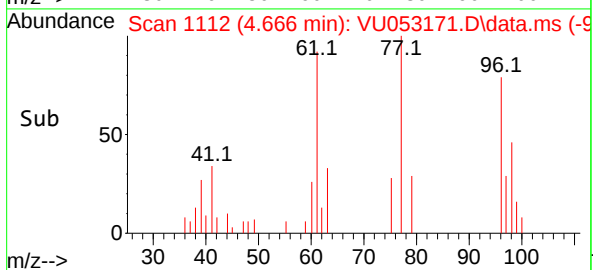
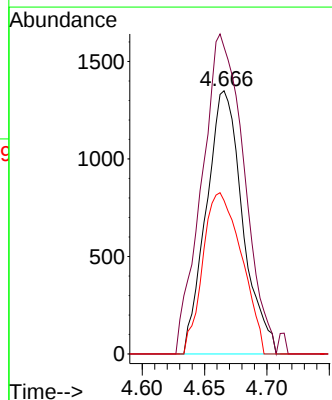
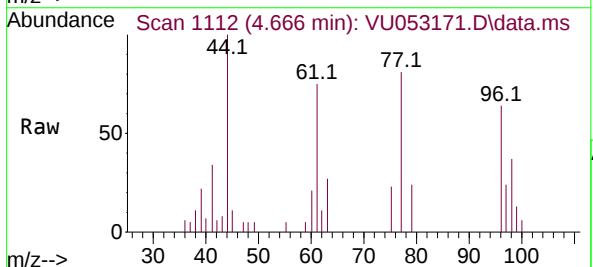
Manual Integrations
APPROVED

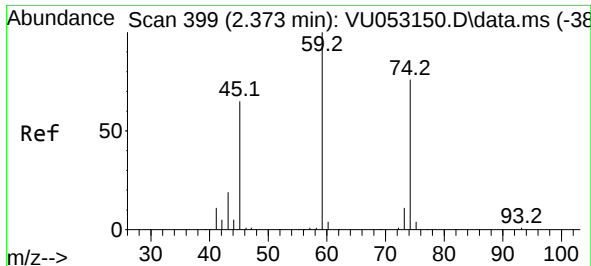
Reviewed By :Krupa Patel 03/01/2023
Supervised By :Mahesh Dadoda 03/01/2023



#22
cis-1,2-Dichloroethene
Concen: 0.381 ug/l
RT: 4.666 min Scan# 1112
Delta R.T. 0.003 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22

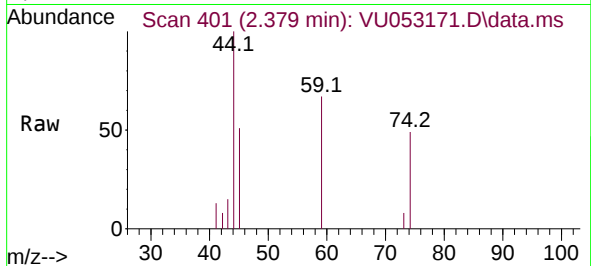
Tgt Ion: 96 Resp: 2736
Ion Ratio Lower Upper
96 100
61 140.9 0.0 390.5
98 65.4 31.9 95.9





#23
Diethyl Ether
Concen: 0.386 ug/l
RT: 2.379 min Scan# 401
Delta R.T. 0.006 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22

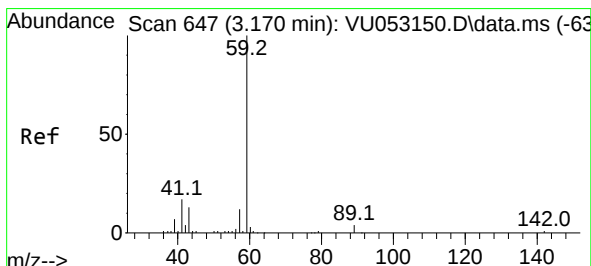
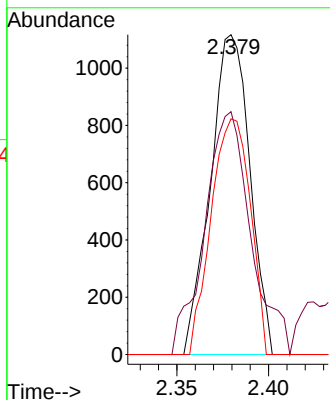
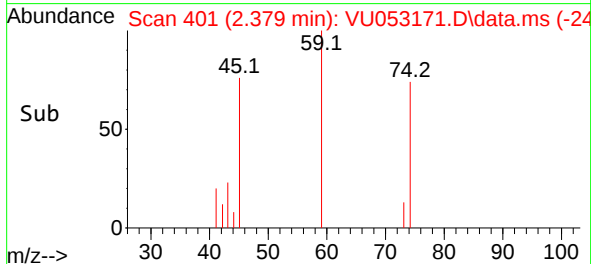
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion: 59 Resp: 1674
Ion Ratio Lower Upper
59 100
45 88.5 54.2 81.2
74 73.1 60.4 90.6

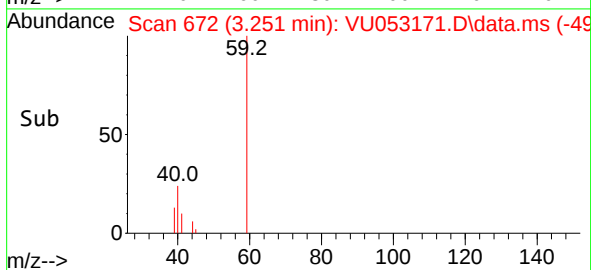
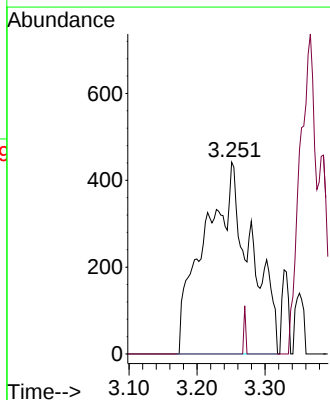
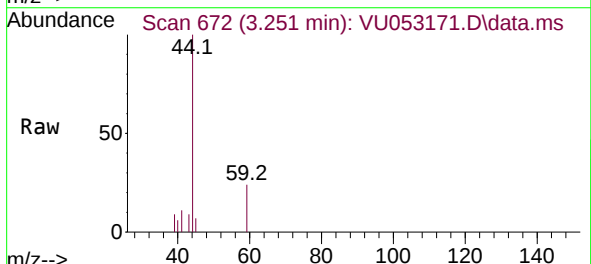
Manual Integrations
APPROVED

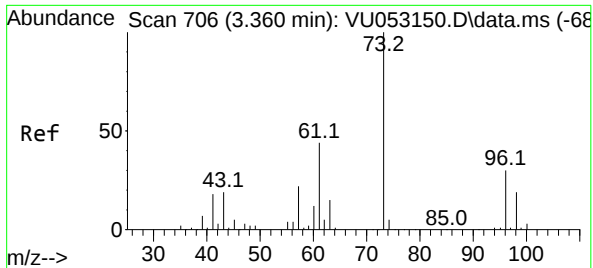
Reviewed By :Krupa Patel 03/01/2023
Supervised By :Mahesh Dadoda 03/01/2023



#24
tert-Butyl Alcohol
Concen: 4.077 ug/l m
RT: 3.251 min Scan# 672
Delta R.T. 0.080 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22

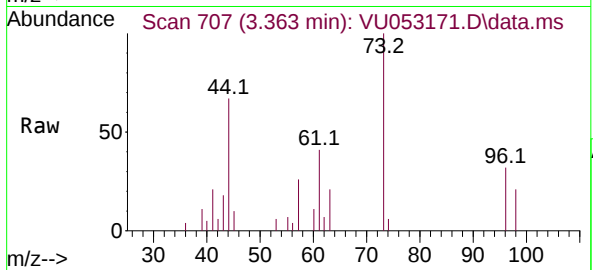
Tgt Ion: 59 Resp: 2077
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#





#25
Methyl tert-Butyl Ether
Concen: 0.393 ug/l
RT: 3.363 min Scan# 706
Delta R.T. 0.003 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22

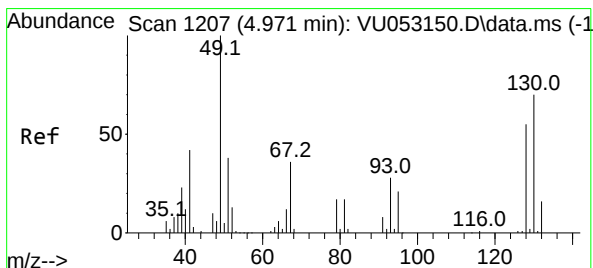
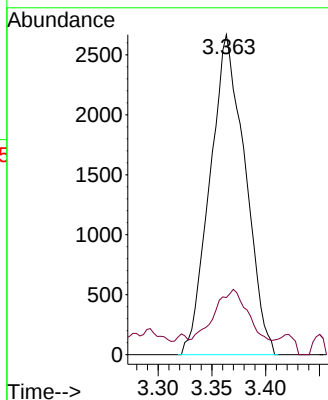
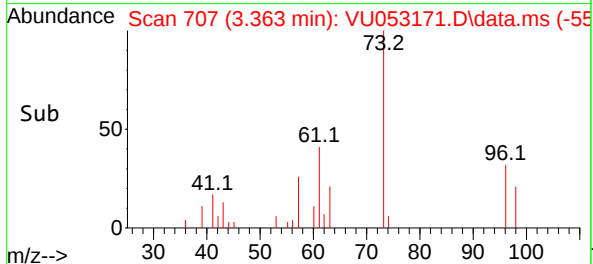
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion: 73 Resp: 605
Ion Ratio Lower Upper
73 100
43 14.3 15.0 22.6

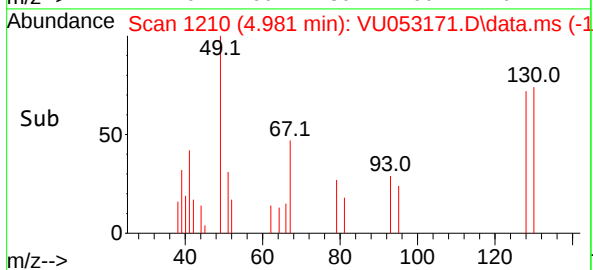
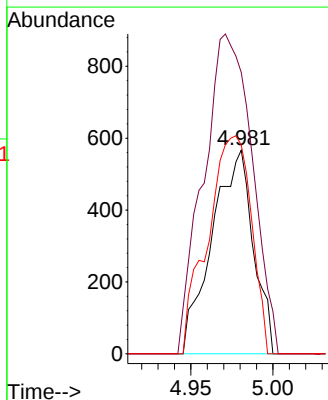
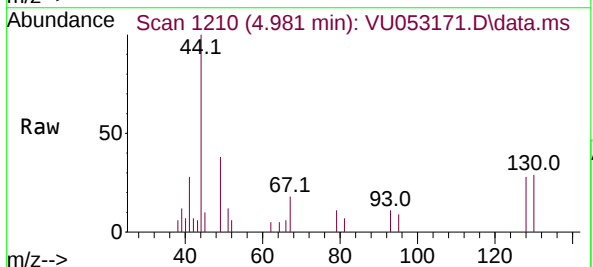
Manual Integrations
APPROVED

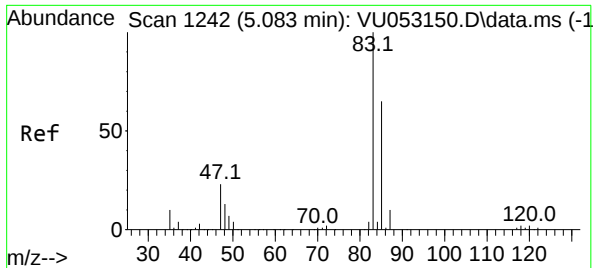
Reviewed By :Krupa Patel 03/01/2023
Supervised By :Mahesh Dadoda 03/01/2023



#26
Bromochloromethane
Concen: 0.357 ug/l
RT: 4.981 min Scan# 1210
Delta R.T. 0.010 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22

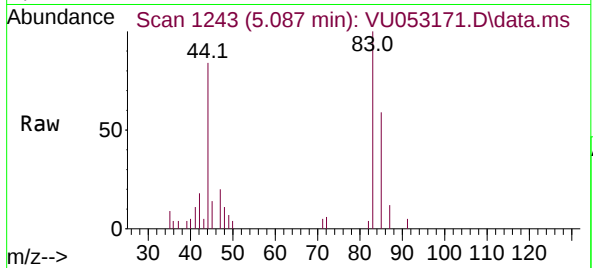
Tgt Ion:128 Resp: 992
Ion Ratio Lower Upper
128 100
49 185.2 0.0 376.8
130 113.3 104.8 157.2





#27
Chloroform
Concen: 0.403 ug/l
RT: 5.087 min Scan# 1242
Delta R.T. 0.003 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22

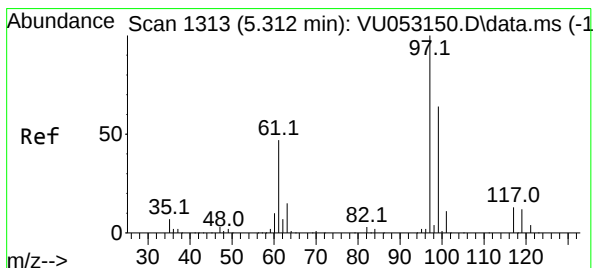
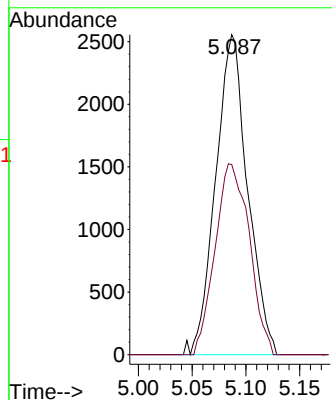
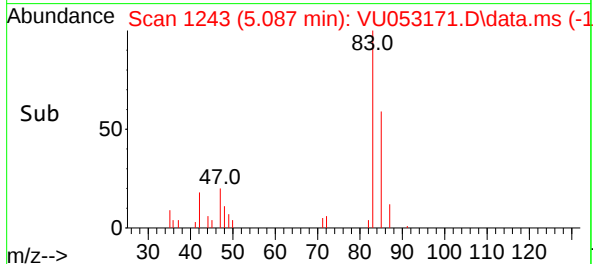
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2023



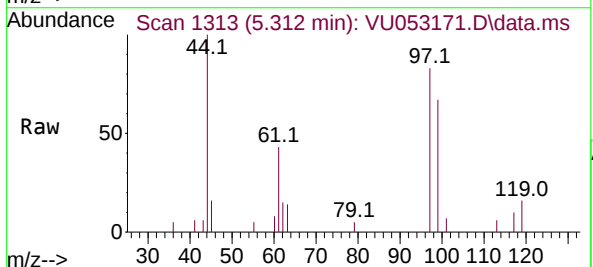
Tgt Ion: 83 Resp: 529
Ion Ratio Lower Upper
83 100
85 59.5 0.0 129.2

Manual Integrations
APPROVED

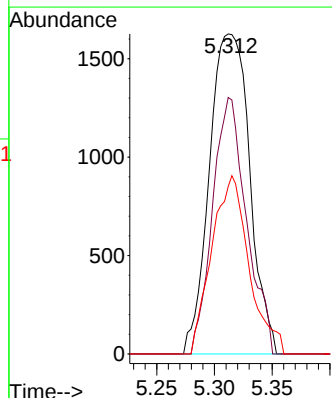
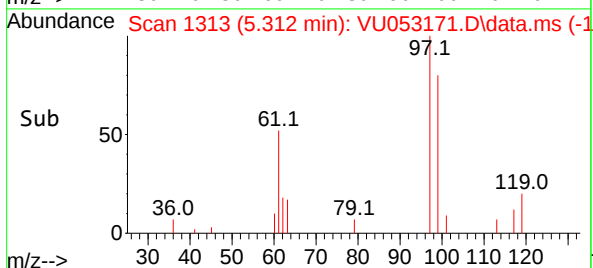
Reviewed By :Krupa Patel 03/01/2023
Supervised By :Mahesh Dadoda 03/01/2023

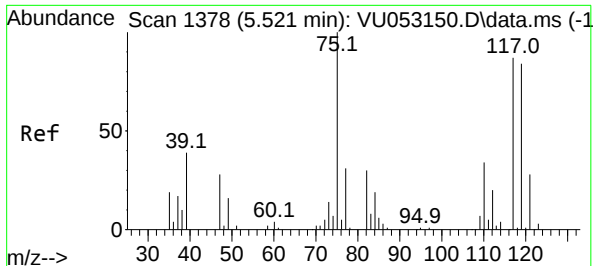


#28
1,1,1-Trichloroethane
Concen: 0.358 ug/l
RT: 5.312 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22



Tgt Ion: 97 Resp: 3954
Ion Ratio Lower Upper
97 100
99 67.5 31.6 94.8
61 51.4 23.9 71.7





#29

1,1-Dichloropropene

Concen: 0.398 ug/l

RT: 5.527 min Scan# 11

Delta R.T. 0.006 min

Lab File: VU053171.D

Acq: 28 Feb 2023 14:22

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2023

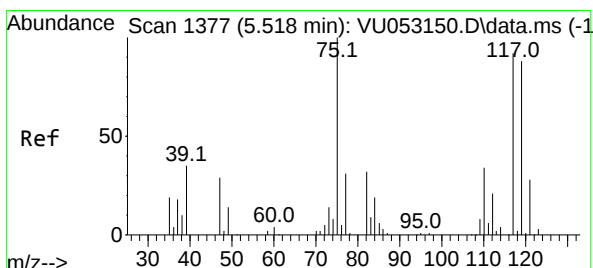
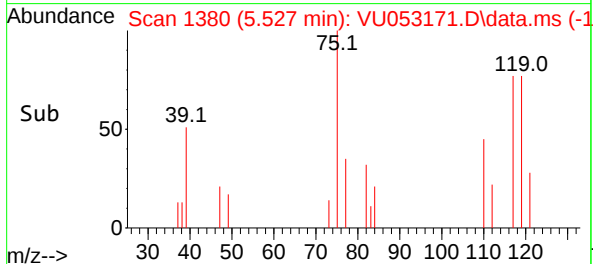
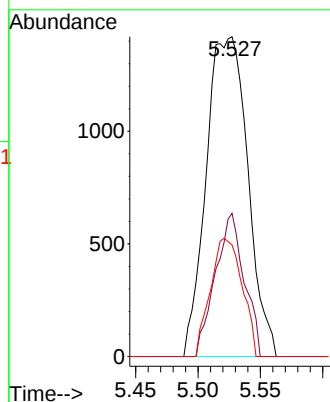
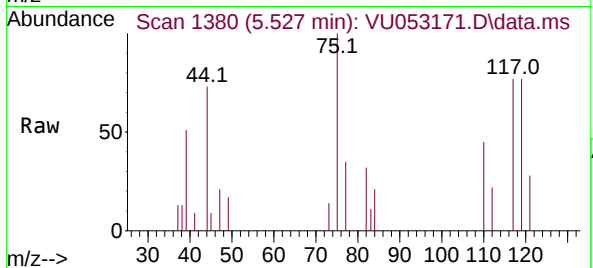
Tgt Ion: 75	Resp: 329
Ion Ratio	Lower Upper
75	100
110	31.2 16.3 48.8
77	28.1 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/01/2023

Supervised By :Mahesh Dadoda 03/01/2023



#30

Carbon Tetrachloride

Concen: 0.354 ug/l

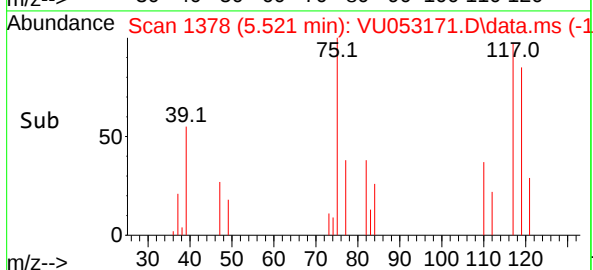
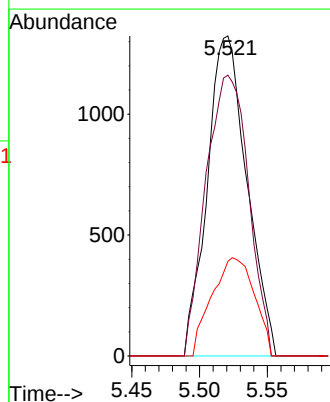
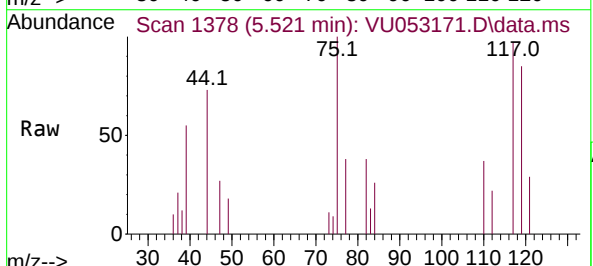
RT: 5.521 min Scan# 1378

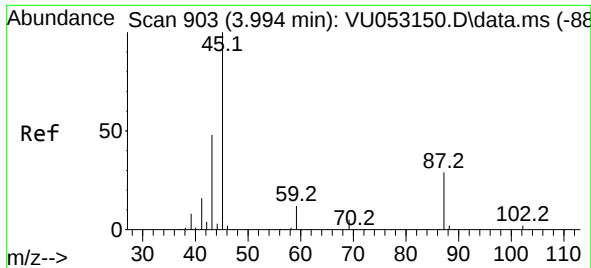
Delta R.T. 0.003 min

Lab File: VU053171.D

Acq: 28 Feb 2023 14:22

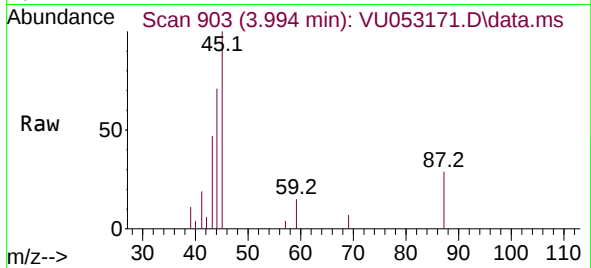
Tgt Ion:117	Resp: 2692
Ion Ratio	Lower Upper
117	100
119	87.8 76.2 114.2
121	29.5 24.6 36.8





#31
Isopropyl Ether
Concen: 0.362 ug/l
RT: 3.994 min Scan# 903
Delta R.T. 0.000 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22

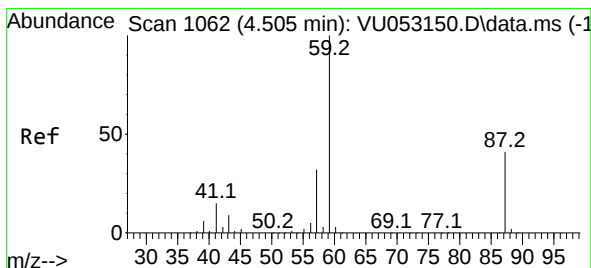
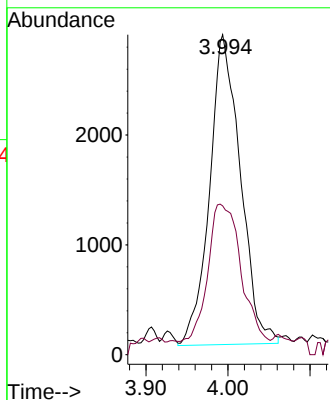
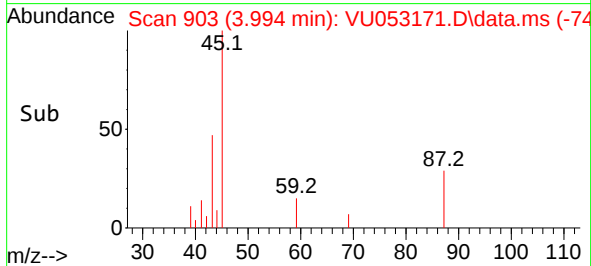
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion: 45 Resp: 736
Ion Ratio Lower Upper
45 100
43 45.8 24.4 73.2

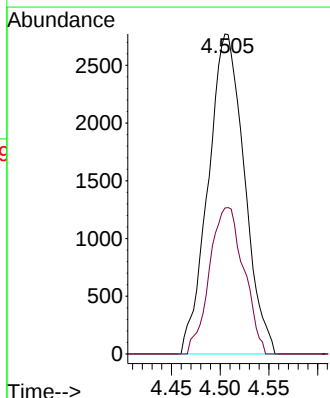
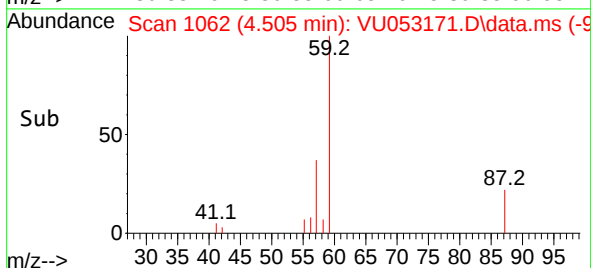
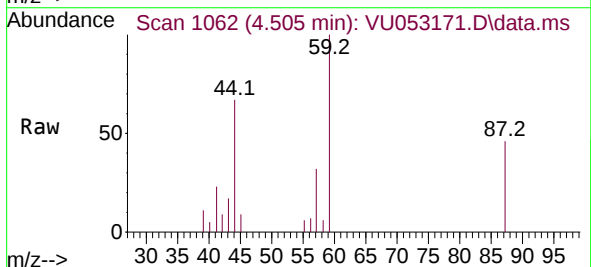
Manual Integrations
APPROVED

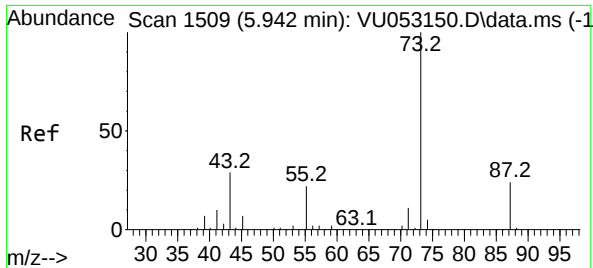
Reviewed By :Krupa Patel 03/01/2023
Supervised By :Mahesh Dadoda 03/01/2023



#32
Ethyl-t-butyl ether
Concen: 0.370 ug/l
RT: 4.505 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22

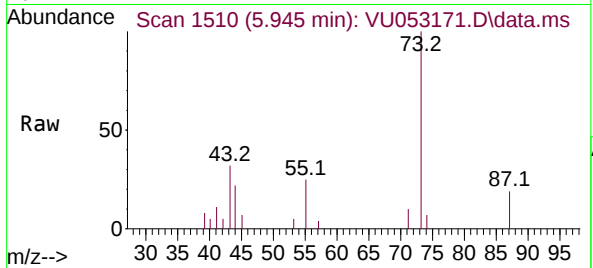
Tgt Ion: 59 Resp: 7135
Ion Ratio Lower Upper
59 100
87 43.6 32.5 48.7





#33
Tert-Amyl methyl ether
Concen: 0.384 ug/l
RT: 5.945 min Scan# 1150
Delta R.T. 0.003 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22

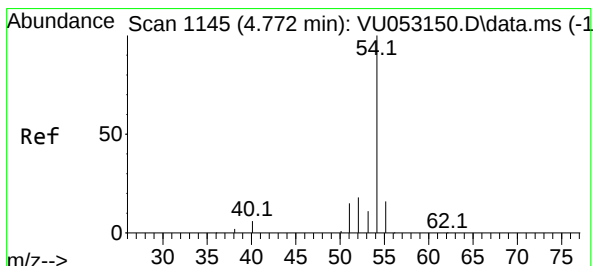
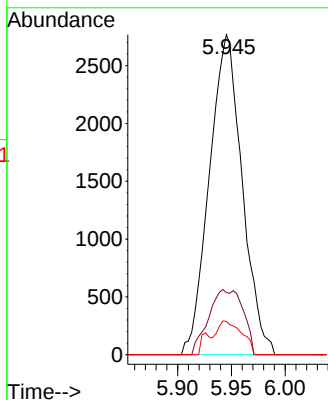
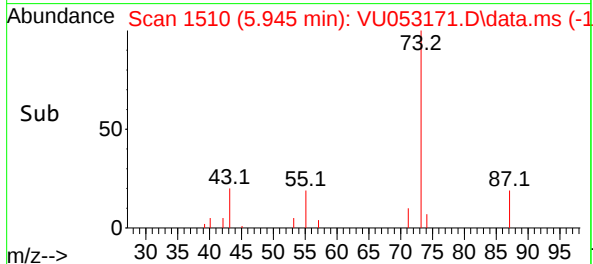
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion: 73 Resp: 587
Ion Ratio Lower Upper
73 100
87 21.3 19.0 28.4
71 5.0 9.2 13.8

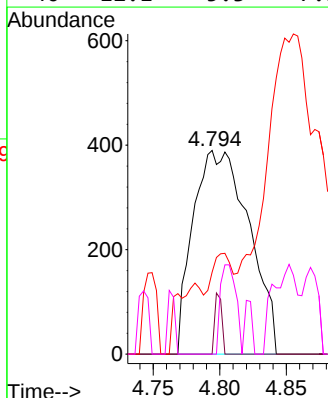
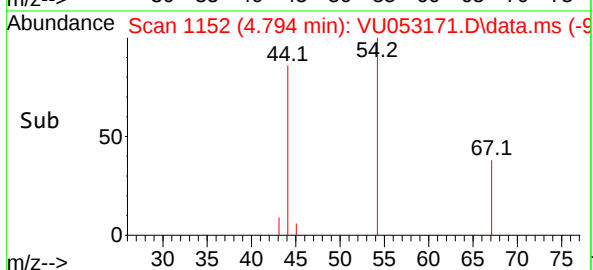
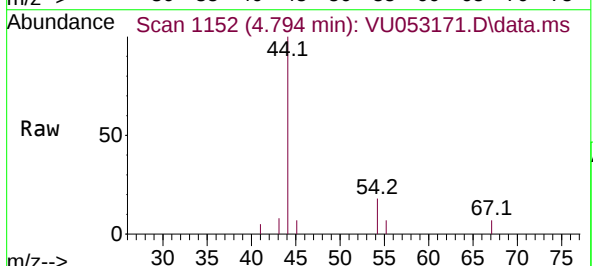
Manual Integrations
APPROVED

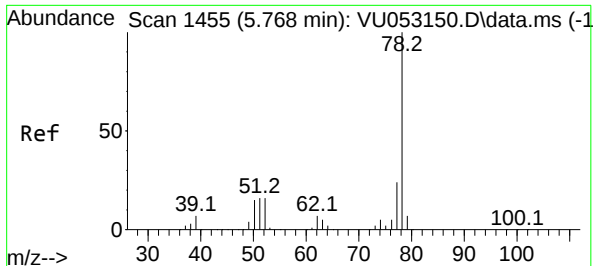
Reviewed By :Krupa Patel 03/01/2023
Supervised By :Mahesh Dadoda 03/01/2023



#34
Propionitrile
Concen: 2.104 ug/l m
RT: 4.794 min Scan# 1152
Delta R.T. 0.023 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22

Tgt Ion: 54 Resp: 1140
Ion Ratio Lower Upper
54 100
52 3.8 16.5 24.7#
55 14.4 11.4 17.2
40 12.1 5.3 7.9#





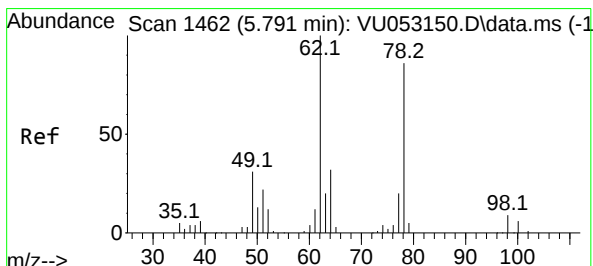
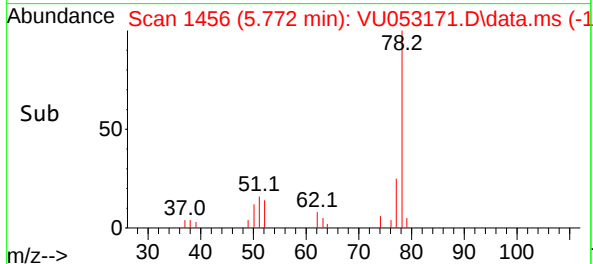
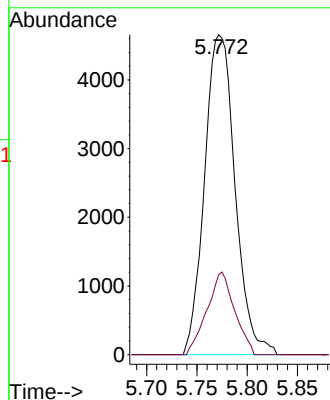
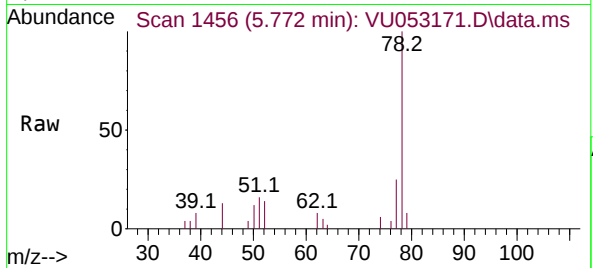
#35
Benzene
Concen: 0.403 ug/l
RT: 5.772 min Scan# 1455
Delta R.T. 0.003 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion: 78 Resp: 984
Ion Ratio Lower Upper
78 100
77 25.1 18.9 28.3

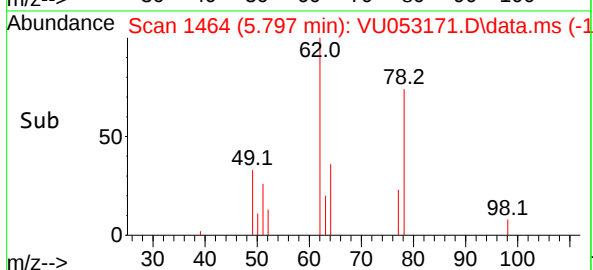
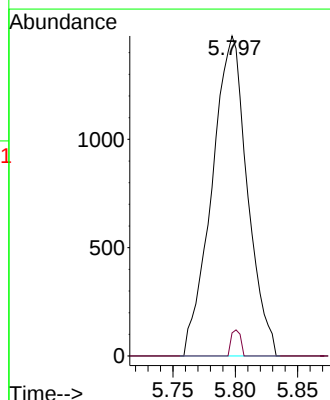
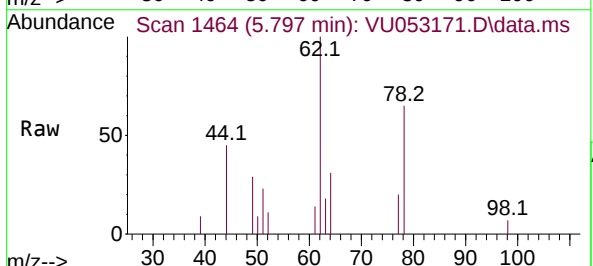
Manual Integrations
APPROVED

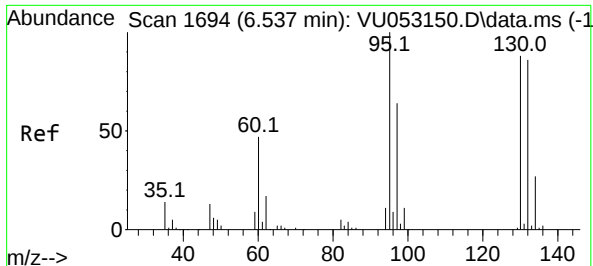
Reviewed By :Krupa Patel 03/01/2023
Supervised By :Mahesh Dadoda 03/01/2023



#36
1,2-Dichloroethane
Concen: 0.402 ug/l
RT: 5.797 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22

Tgt Ion: 62 Resp: 2929
Ion Ratio Lower Upper
62 100
98 2.2 7.0 10.4#





#37

Trichloroethene

Concen: 0.373 ug/l

RT: 6.543 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU053171.D

Acq: 28 Feb 2023 14:22

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2023

Tgt Ion:130 Resp: 208

Ion Ratio Lower Upper

130 100

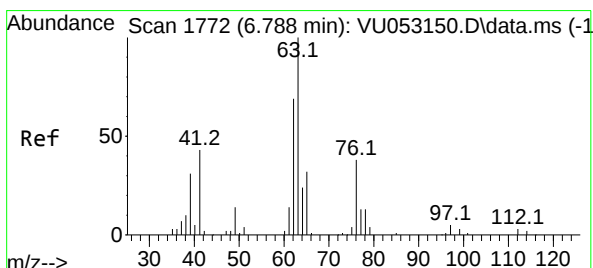
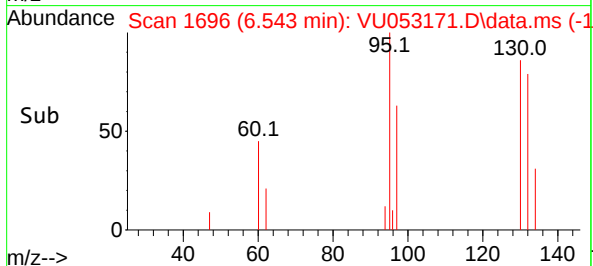
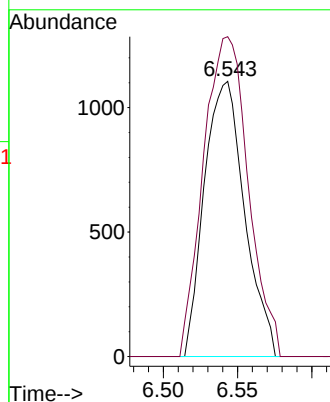
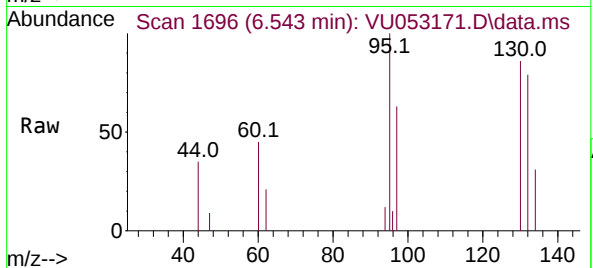
95 116.2 91.1 136.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/01/2023

Supervised By :Mahesh Dadoda 03/01/2023



#38

1,2-Dichloropropane

Concen: 0.402 ug/l

RT: 6.794 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VU053171.D

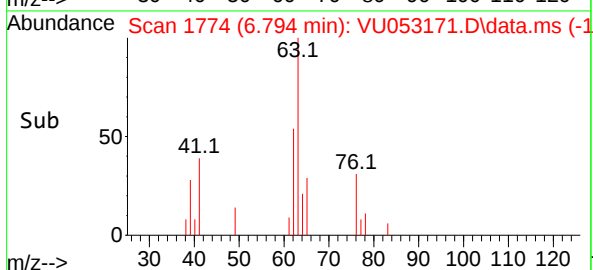
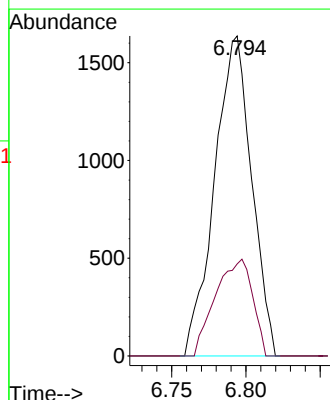
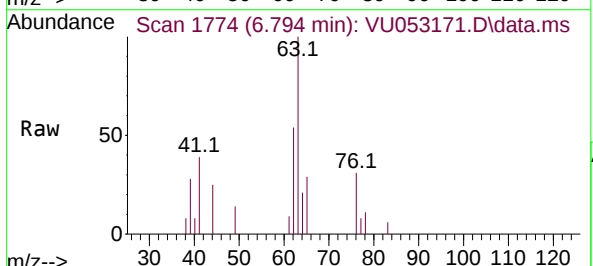
Acq: 28 Feb 2023 14:22

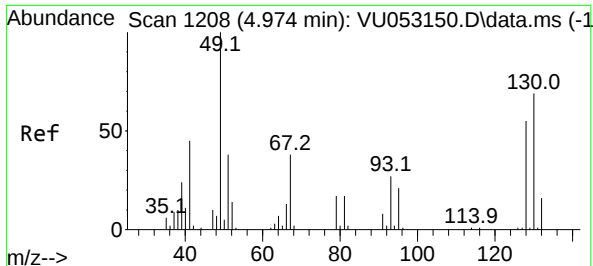
Tgt Ion: 63 Resp: 2837

Ion Ratio Lower Upper

63 100

65 28.8 25.5 38.3





#39

Methacrylonitrile

Concen: 0.458 ug/l m

RT: 4.981 min Scan# 1170

Delta R.T. 0.006 min

Lab File: VU053171.D

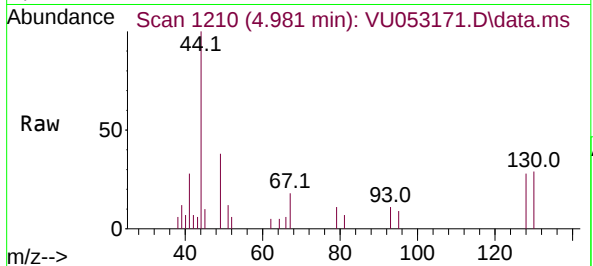
Acq: 28 Feb 2023 14:22

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2023



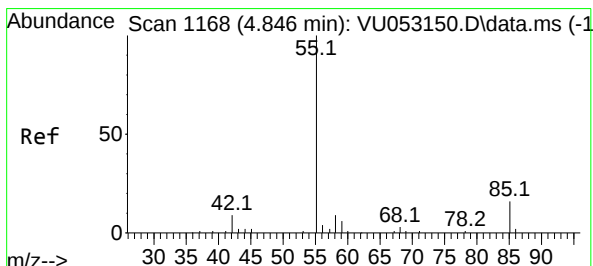
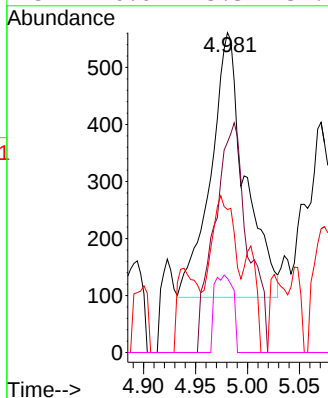
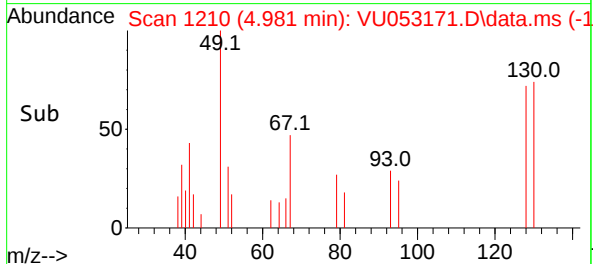
Tgt Ion:	41	Resp:	1059
Ion	Ratio	Lower	Upper
41	100		
67	84.5	67.1	100.7
39	28.0	42.6	64.0
52	16.0	25.3	37.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/01/2023

Supervised By :Mahesh Dadoda 03/01/2023



#40

Methyl acrylate

Concen: 0.526 ug/l m

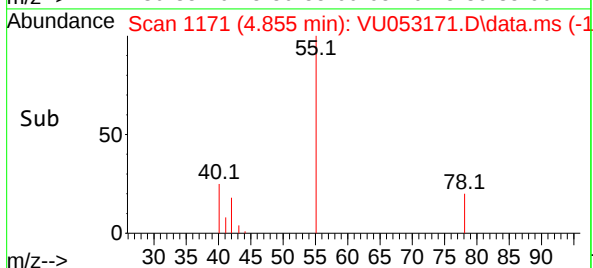
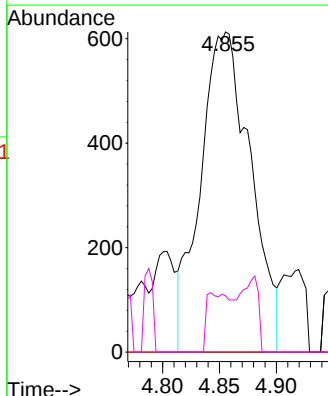
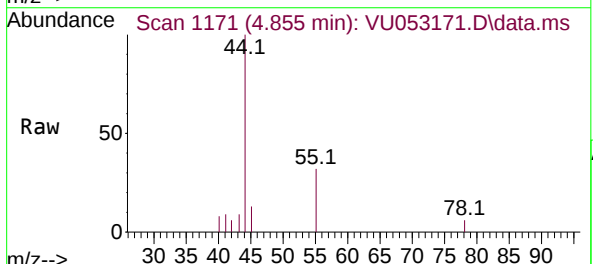
RT: 4.855 min Scan# 1171

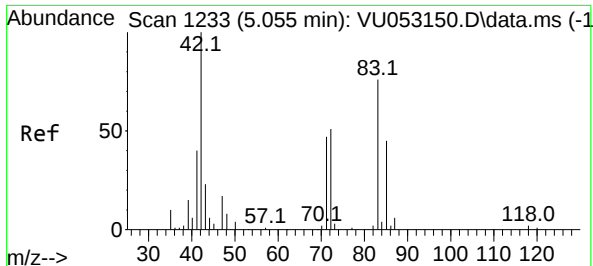
Delta R.T. 0.010 min

Lab File: VU053171.D

Acq: 28 Feb 2023 14:22

Tgt Ion:	55	Resp:	1881
Ion	Ratio	Lower	Upper
55	100		
85	0.0	13.5	20.3
58	0.0	7.3	10.9
42	4.5	6.9	10.3





#41

Tetrahydrofuran

Concen: 1.394 ug/l m

RT: 5.064 min Scan# 1

Delta R.T. 0.010 min

Lab File: VU053171.D

Acq: 28 Feb 2023 14:22

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2023

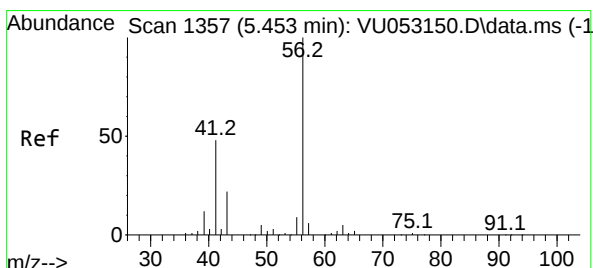
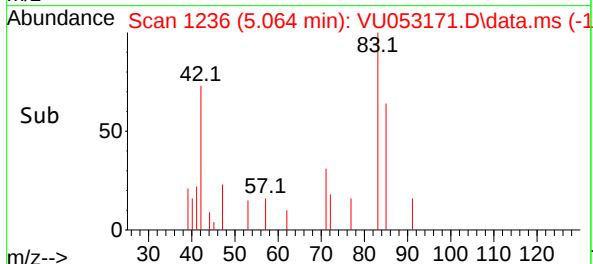
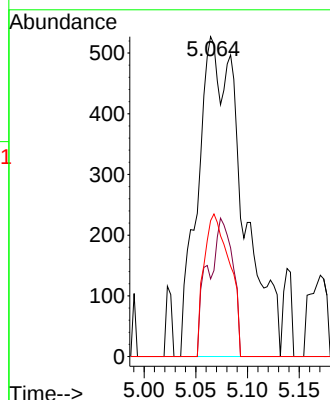
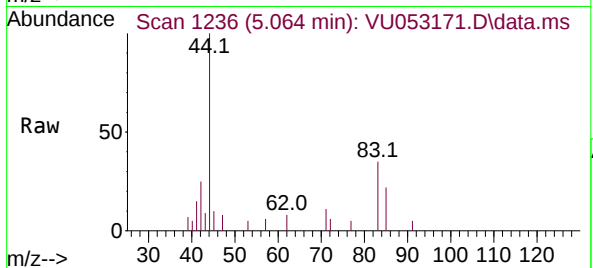
Tgt Ion:	42	Resp:	1580
Ion Ratio	Lower	Upper	
42	100		
72	23.9	41.6	62.4
71	25.5	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/01/2023

Supervised By :Mahesh Dadoda 03/01/2023



#42

1-Chlorobutane

Concen: 0.374 ug/l

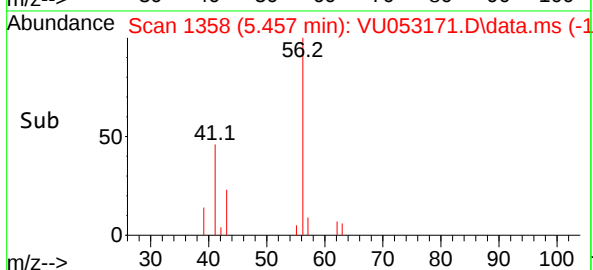
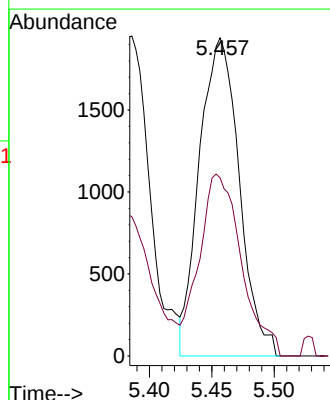
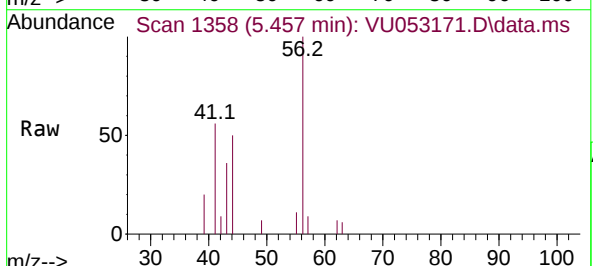
RT: 5.457 min Scan# 1358

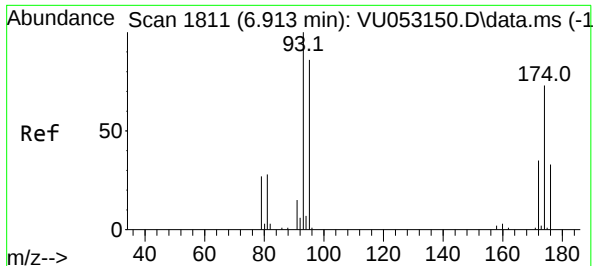
Delta R.T. 0.003 min

Lab File: VU053171.D

Acq: 28 Feb 2023 14:22

Tgt Ion:	56	Resp:	4305
Ion Ratio	Lower	Upper	
56	100		
41	60.7	23.7	71.1





#43

Dibromomethane

Concen: 0.363 ug/l

RT: 6.916 min Scan# 1811

Delta R.T. 0.003 min

Lab File: VU053171.D

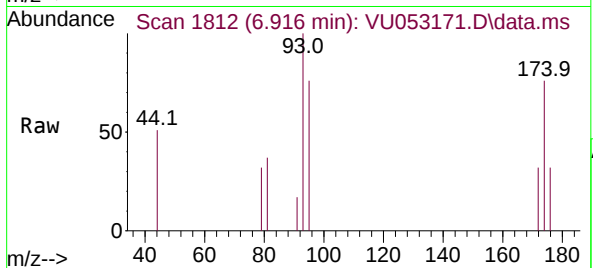
Acq: 28 Feb 2023 14:22

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2023



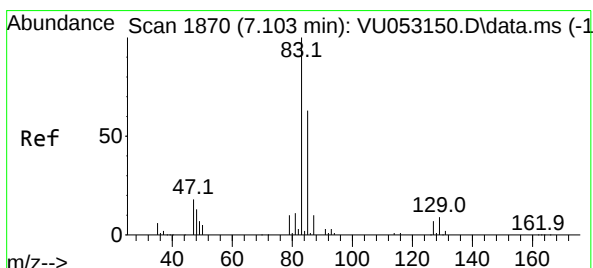
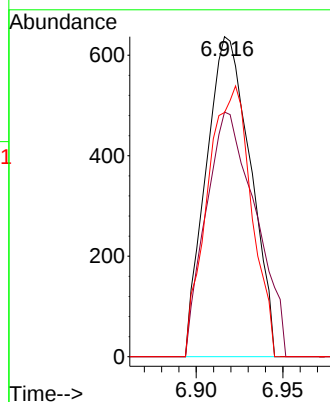
Tgt Ion: 93	Resp: 113
Ion Ratio	Lower Upper
93	100
95	85.6 66.5 99.7
174	83.7 58.2 87.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/01/2023

Supervised By :Mahesh Dadoda 03/01/2023



#44

Bromodichloromethane

Concen: 0.382 ug/l

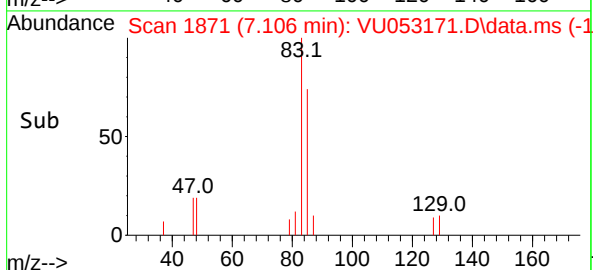
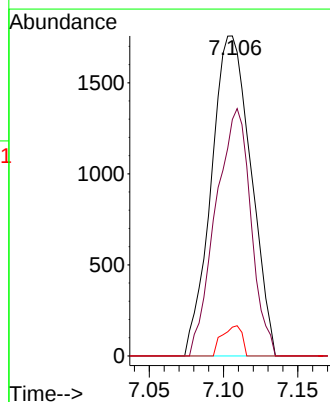
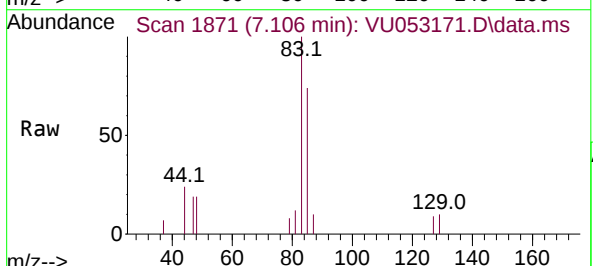
RT: 7.106 min Scan# 1871

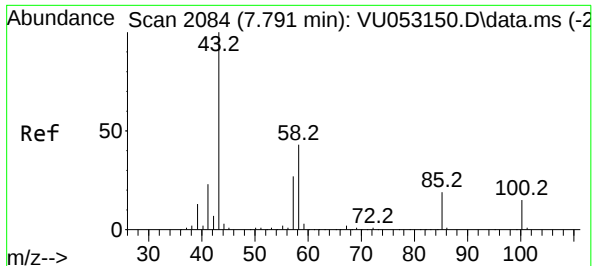
Delta R.T. 0.003 min

Lab File: VU053171.D

Acq: 28 Feb 2023 14:22

Tgt Ion: 83	Resp: 3264
Ion Ratio	Lower Upper
83	100
85	73.9 50.6 75.8
127	9.0 5.8 8.8





#45

4-Methyl-2-Pentanone

Concen: 2.139 ug/l

RT: 7.794 min Scan# 2084

Delta R.T. 0.003 min

Lab File: VU053171.D

Acq: 28 Feb 2023 14:22

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2023

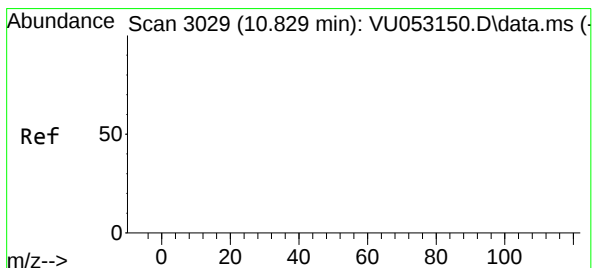
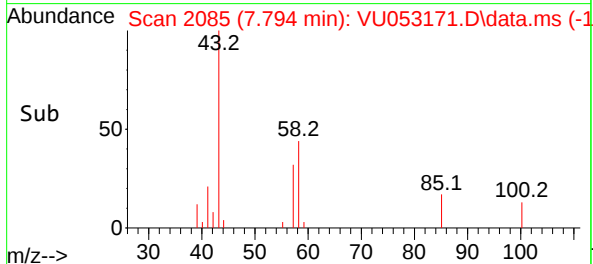
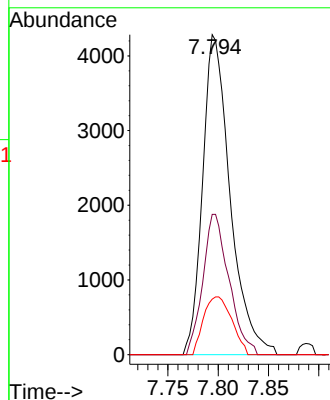
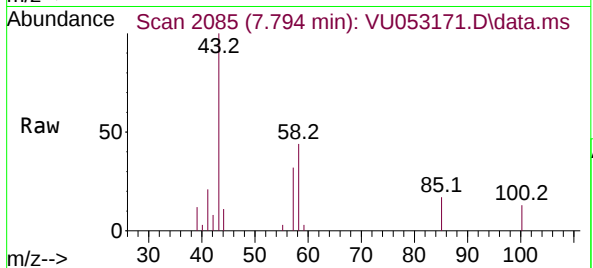
Tgt Ion: 43	Resp: 816
Ion Ratio	Lower Upper
43 100	
58 41.5	22.0 66.0
85 18.4	15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/01/2023

Supervised By :Mahesh Dadoda 03/01/2023



#46

t-1,4-Dichloro-2-butene

Concen: 0.892 ug/l m

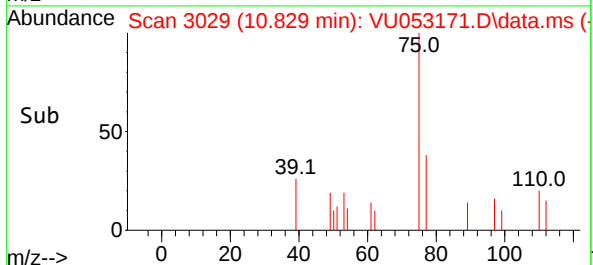
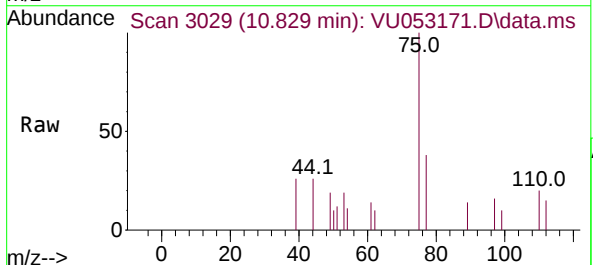
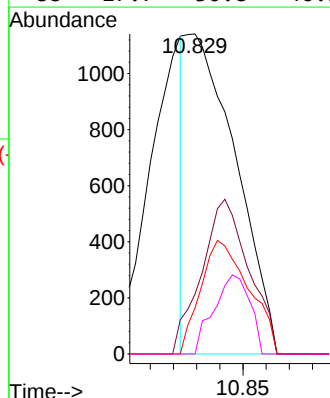
RT: 10.829 min Scan# 3029

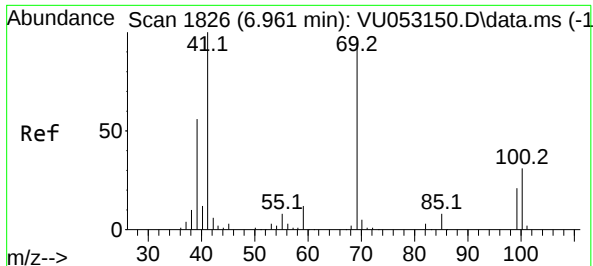
Delta R.T. 0.000 min

Lab File: VU053171.D

Acq: 28 Feb 2023 14:22

Tgt Ion: 75	Resp: 1716
Ion Ratio	Lower Upper
75 100	
53 45.7	57.0 85.4#
89 34.1	43.1 64.7#
88 17.7	30.8 46.2#





#47

Methyl methacrylate

Concen: 0.824 ug/l

RT: 6.965 min Scan# 1826

Delta R.T. 0.003 min

Lab File: VU053171.D

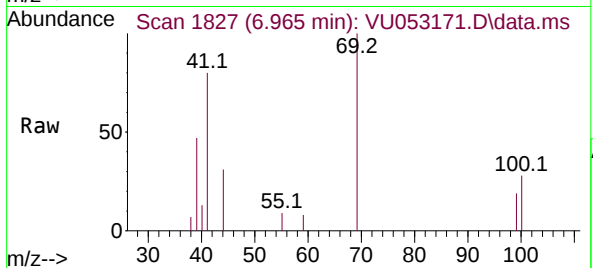
Acq: 28 Feb 2023 14:22

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2023



Tgt Ion: 69 Resp: 265

Ion Ratio Lower Upper

69 100

41 100.5 0.0 201.0

39 52.3 47.1 70.7

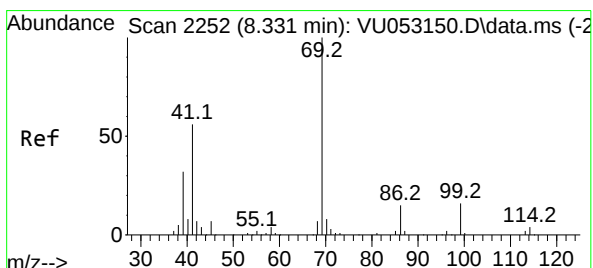
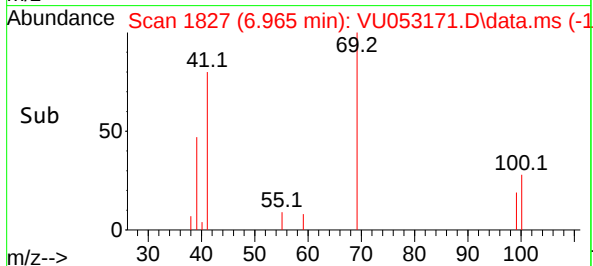
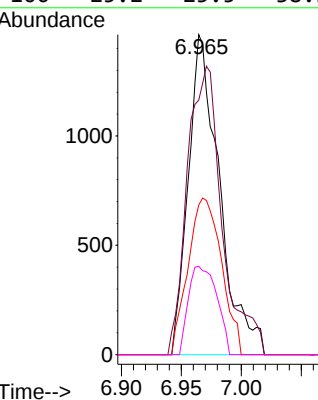
100 25.2 25.5 38.3#

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/01/2023

Supervised By :Mahesh Dadoda 03/01/2023



#48

Ethyl methacrylate

Concen: 0.384 ug/l

RT: 8.337 min Scan# 2254

Delta R.T. 0.007 min

Lab File: VU053171.D

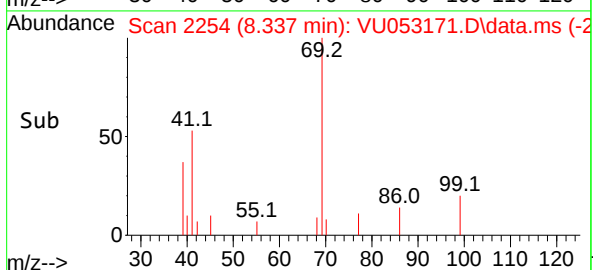
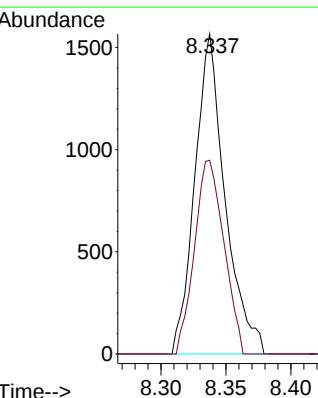
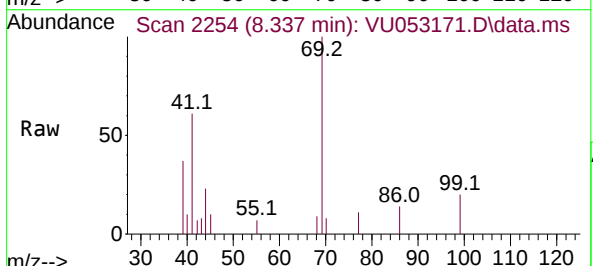
Acq: 28 Feb 2023 14:22

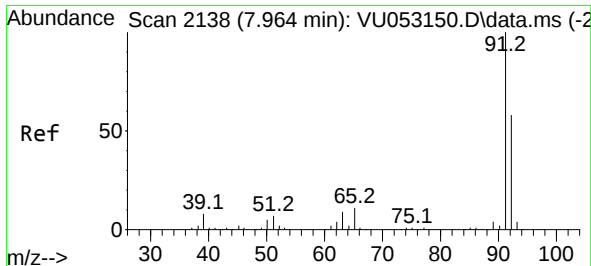
Tgt Ion: 69 Resp: 2535

Ion Ratio Lower Upper

69 100

41 58.7 28.2 84.6





#49

Toluene

Concen: 0.388 ug/l

RT: 7.971 min Scan# 2140

Delta R.T. 0.006 min

Lab File: VU053171.D

Acq: 28 Feb 2023 14:22

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2023

Tgt Ion: 92 Resp: 583

Ion Ratio Lower Upper

92 100

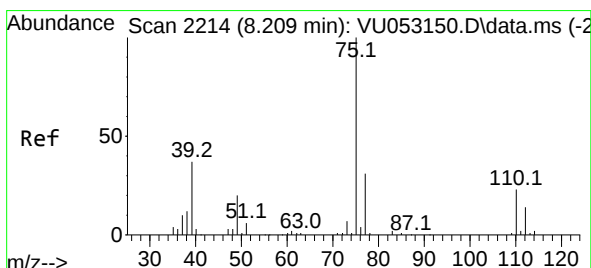
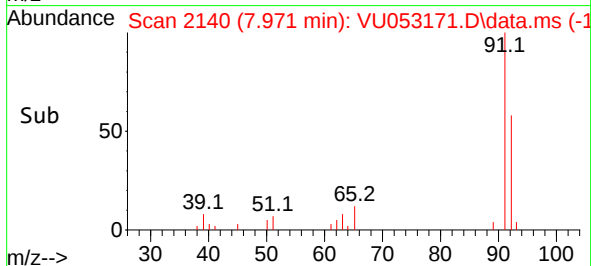
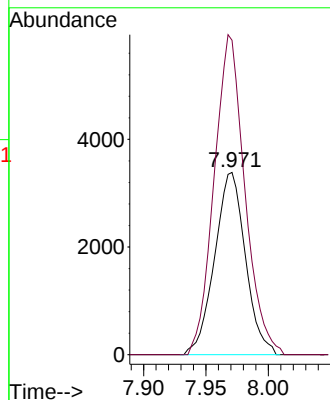
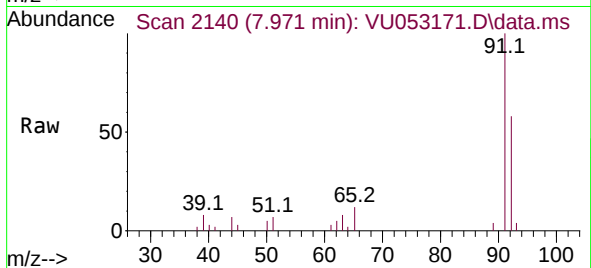
91 174.7 138.2 207.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/01/2023

Supervised By :Mahesh Dadoda 03/01/2023



#50

t-1,3-Dichloropropene

Concen: 0.376 ug/l

RT: 8.209 min Scan# 2214

Delta R.T. 0.000 min

Lab File: VU053171.D

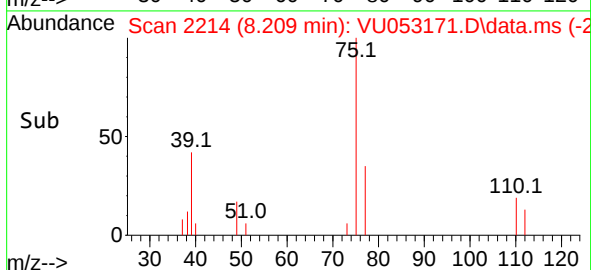
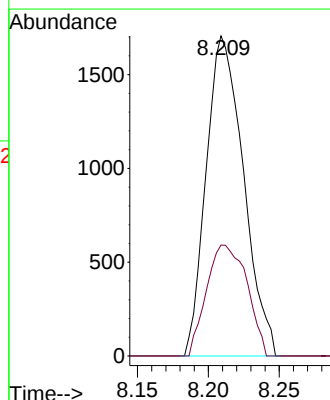
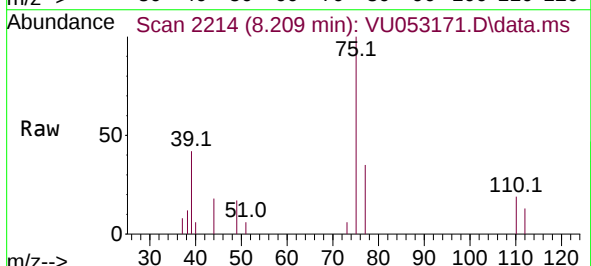
Acq: 28 Feb 2023 14:22

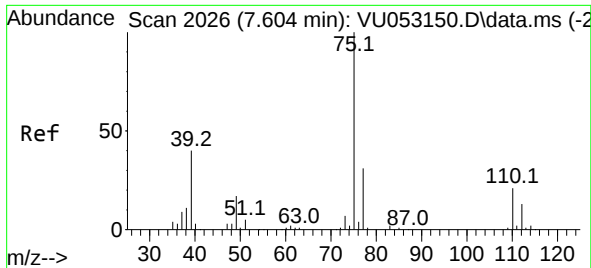
Tgt Ion: 75 Resp: 3121

Ion Ratio Lower Upper

75 100

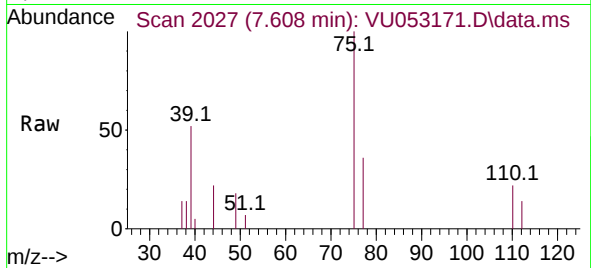
77 34.6 25.1 37.7





#51
 cis-1,3-Dichloropropene
 Concen: 0.362 ug/l
 RT: 7.608 min Scan# 2026
 Delta R.T. 0.003 min
 Lab File: VU053171.D
 Acq: 28 Feb 2023 14:22

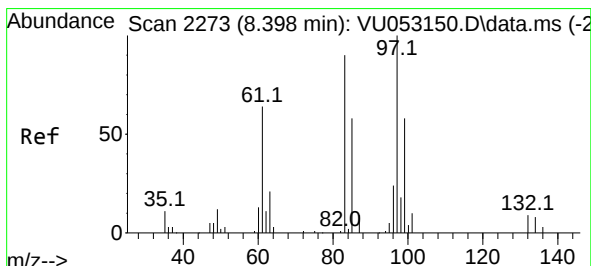
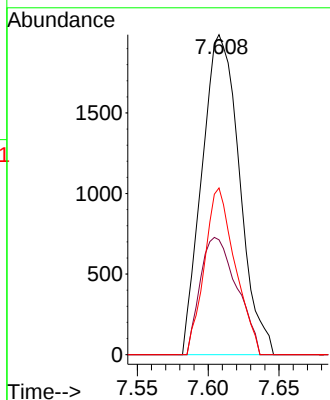
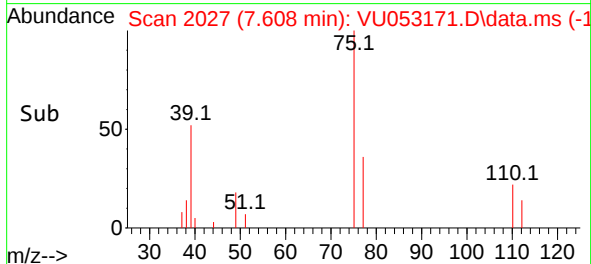
Instrument : MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT1-2023



Tgt Ion: 75 Resp: 365
 Ion Ratio Lower Upper
 75 100
 77 35.9 24.9 37.3
 39 52.1 32.2 48.2

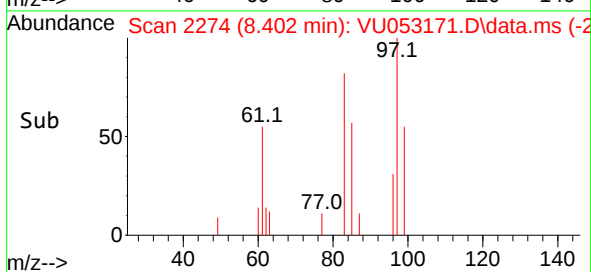
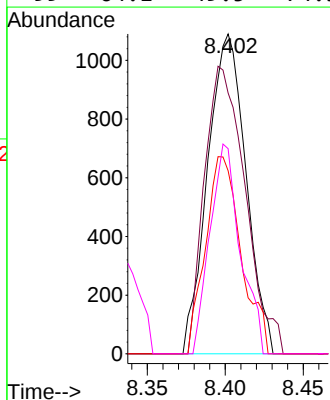
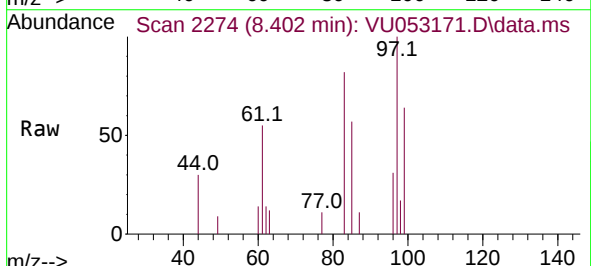
Manual Integrations
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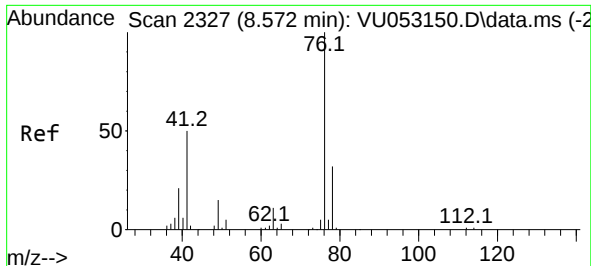
Reviewed By :Krupa Patel 03/01/2023
 Supervised By :Mahesh Dadoda 03/01/2023



#52
 1,1,2-Trichloroethane
 Concen: 0.406 ug/l
 RT: 8.402 min Scan# 2274
 Delta R.T. 0.003 min
 Lab File: VU053171.D
 Acq: 28 Feb 2023 14:22

Tgt Ion: 97 Resp: 1864
 Ion Ratio Lower Upper
 97 100
 83 81.6 71.9 107.9
 85 57.2 46.5 69.7
 99 64.1 49.5 74.3





#53

1,3-Dichloropropane

Concen: 0.415 ug/l

RT: 8.575 min Scan# 2327

Delta R.T. 0.003 min

Lab File: VU053171.D

Acq: 28 Feb 2023 14:22

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2023

Tgt Ion: 76 Resp: 342

Ion Ratio Lower Upper

76 100

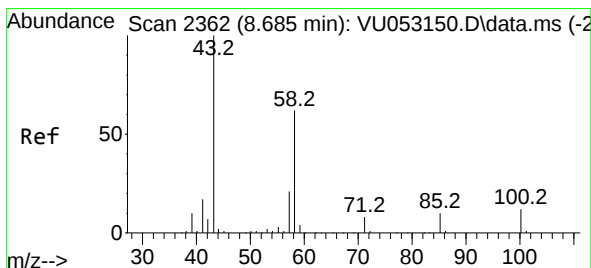
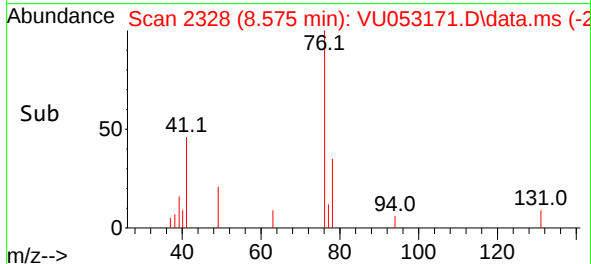
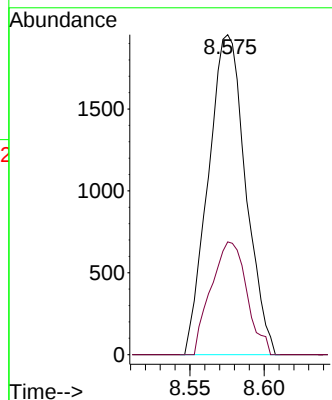
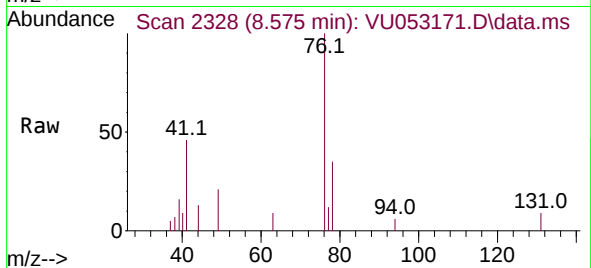
78 33.6 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/01/2023

Supervised By :Mahesh Dadoda 03/01/2023



#54

2-Hexanone

Concen: 2.082 ug/l

RT: 8.691 min Scan# 2364

Delta R.T. 0.007 min

Lab File: VU053171.D

Acq: 28 Feb 2023 14:22

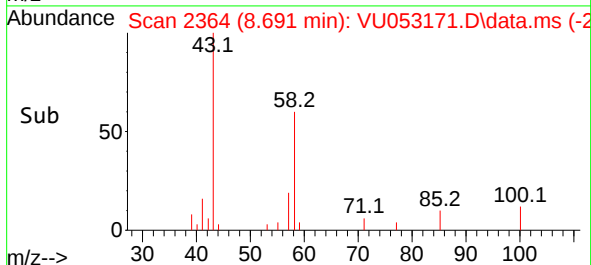
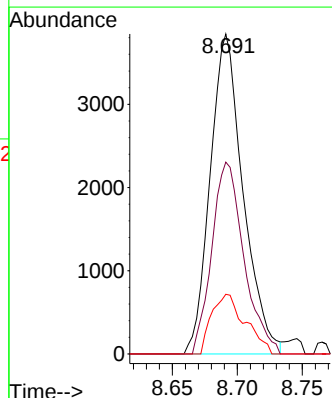
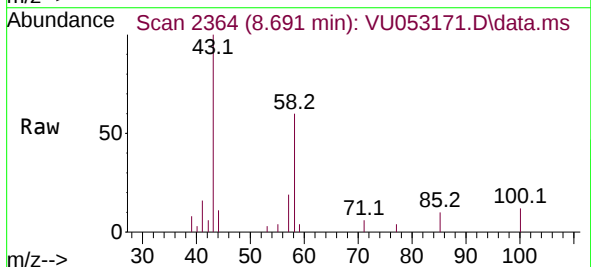
Tgt Ion: 43 Resp: 6775

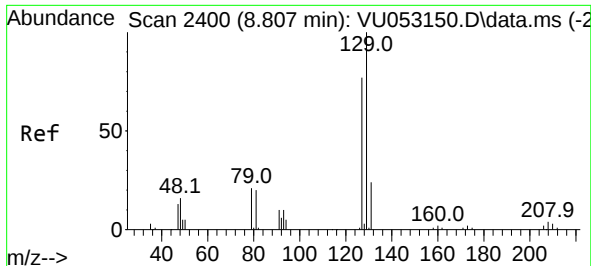
Ion Ratio Lower Upper

43 100

58 58.4 42.0 82.0

57 19.0 1.2 41.2





#55

Dibromochloromethane

Concen: 0.378 ug/l

RT: 8.807 min Scan# 2400

Delta R.T. 0.000 min

Lab File: VU053171.D

Acq: 28 Feb 2023 14:22

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2023

Tgt Ion:129 Resp: 1980

Ion Ratio Lower Upper

129 100

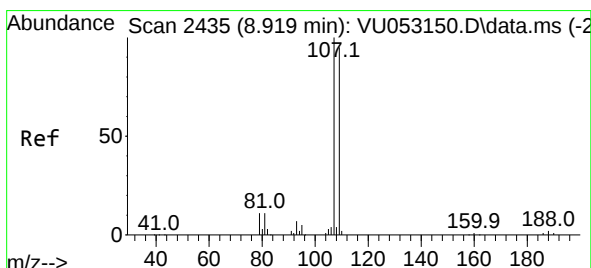
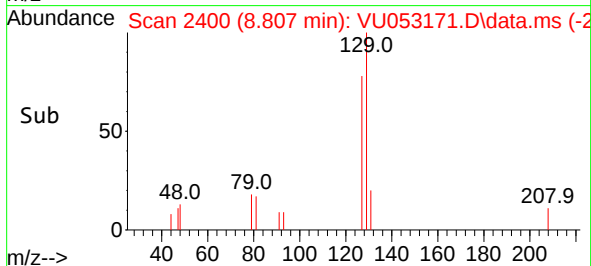
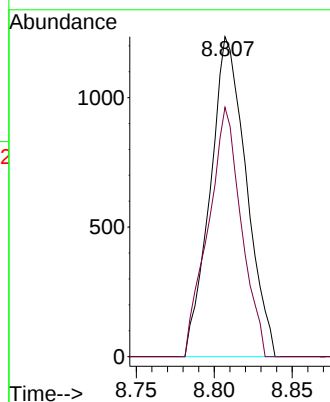
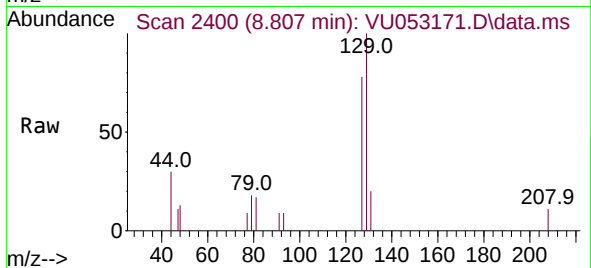
127 71.4 61.1 91.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/01/2023

Supervised By :Mahesh Dadoda 03/01/2023



#56

1,2-Dibromoethane

Concen: 0.370 ug/l

RT: 8.923 min Scan# 2436

Delta R.T. 0.003 min

Lab File: VU053171.D

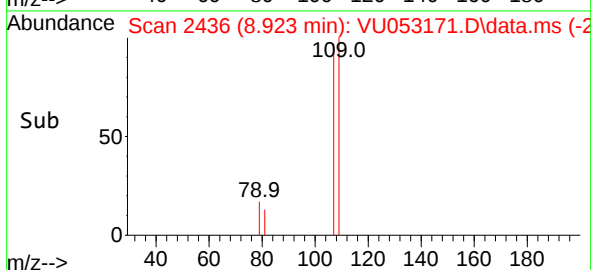
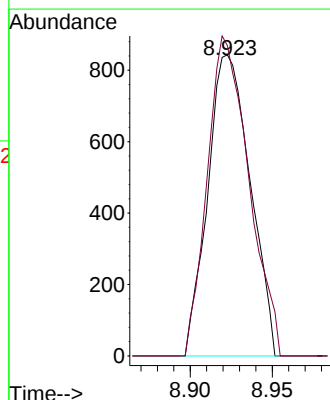
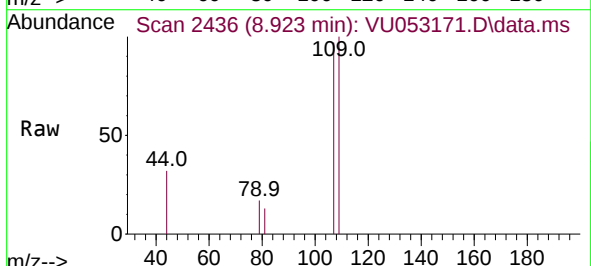
Acq: 28 Feb 2023 14:22

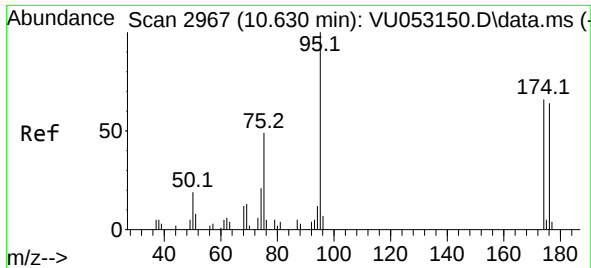
Tgt Ion:107 Resp: 1512

Ion Ratio Lower Upper

107 100

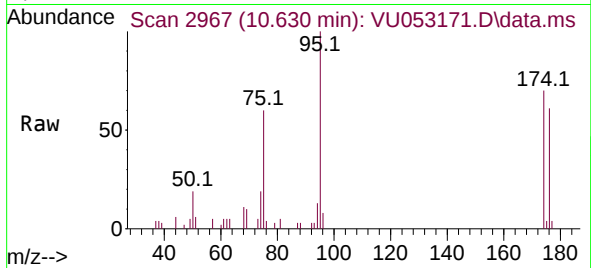
109 104.0 0.0 186.2





#57
4-Bromofluorobenzene
Concen: 0.983 ug/l
RT: 10.630 min Scan# 2967
Delta R.T. 0.000 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22

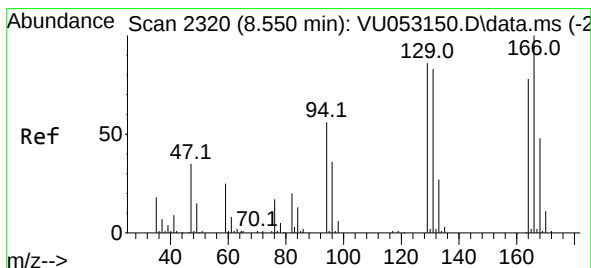
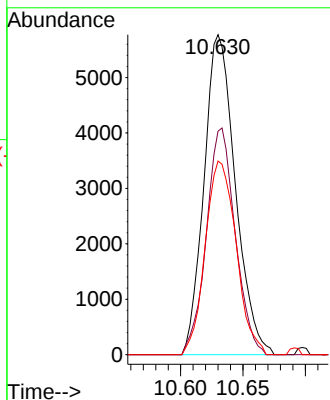
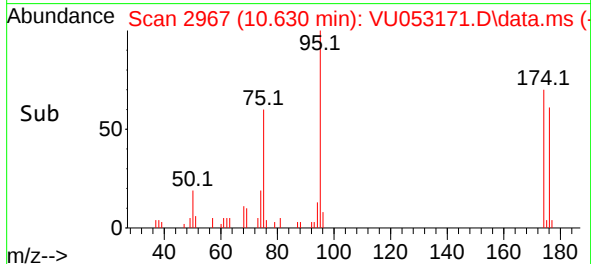
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion: 95 Resp: 1010
Ion Ratio Lower Upper
95 100
174 65.3 50.7 76.1
176 59.6 47.8 71.6

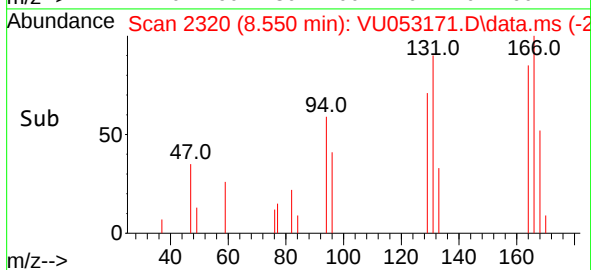
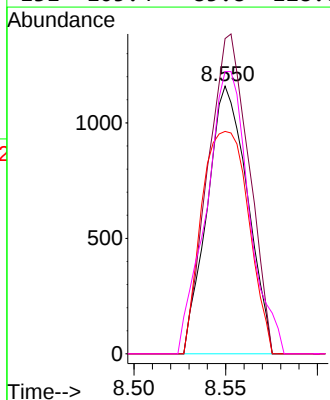
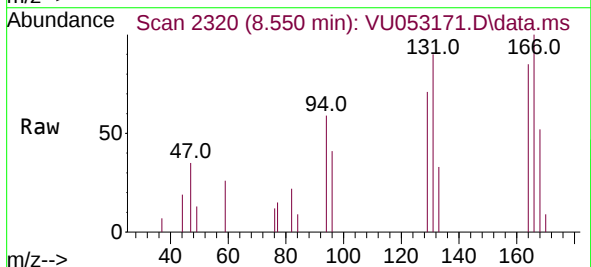
Manual Integrations
APPROVED

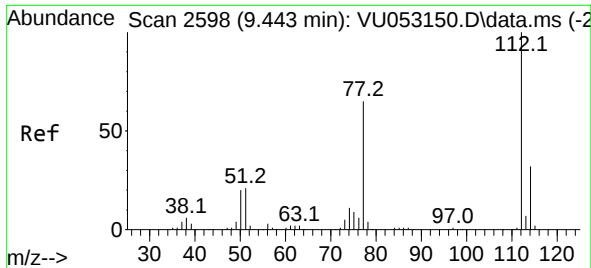
Reviewed By :Krupa Patel 03/01/2023
Supervised By :Mahesh Dadoda 03/01/2023



#58
Tetrachloroethene
Concen: 0.396 ug/l
RT: 8.550 min Scan# 2320
Delta R.T. 0.000 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22

Tgt Ion:164 Resp: 1768
Ion Ratio Lower Upper
164 100
166 117.8 103.2 154.8
129 83.1 88.8 133.2#
131 105.4 85.8 128.6





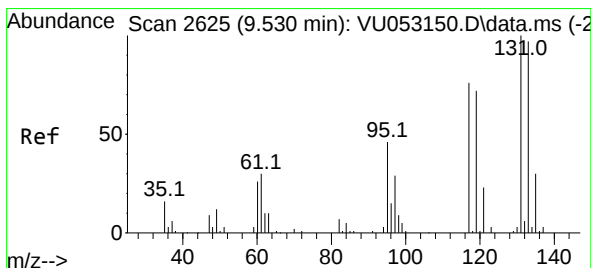
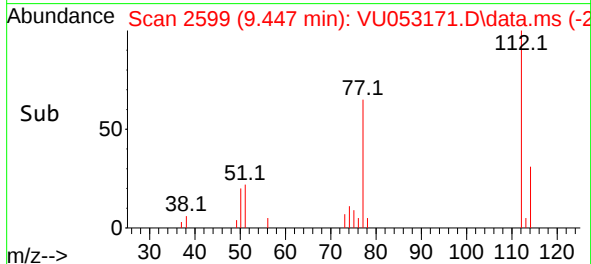
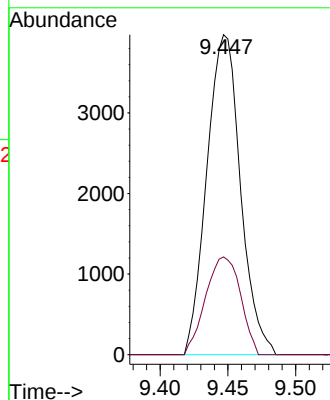
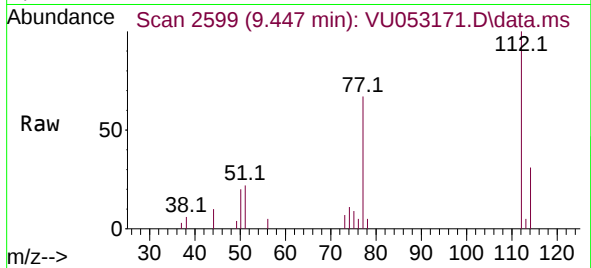
#59
Chlorobenzene
Concen: 0.408 ug/l
RT: 9.447 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion:112 Resp: 686
Ion Ratio Lower Upper
112 100
114 30.6 25.8 38.6

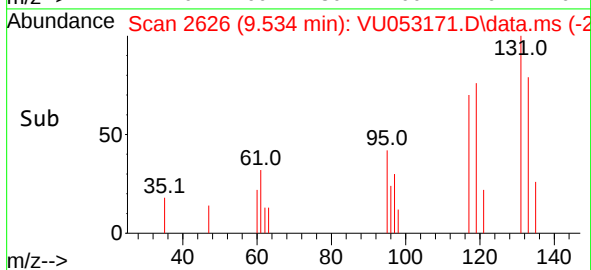
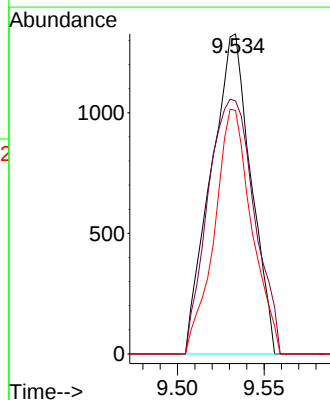
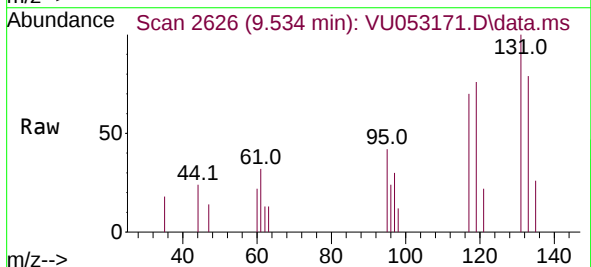
Manual Integrations
APPROVED

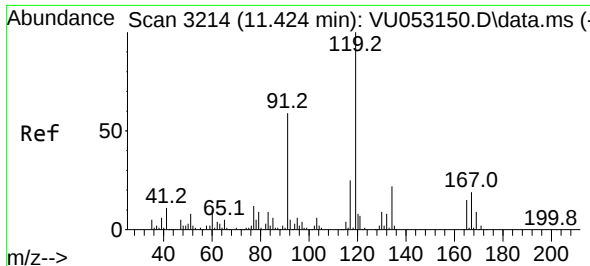
Reviewed By :Krupa Patel 03/01/2023
Supervised By :Mahesh Dadoda 03/01/2023



#60
1,1,1,2-Tetrachloroethane
Concen: 0.383 ug/l
RT: 9.534 min Scan# 2626
Delta R.T. 0.003 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22

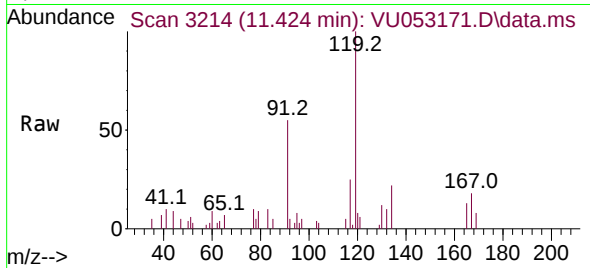
Tgt Ion:131 Resp: 2124
Ion Ratio Lower Upper
131 100
133 92.9 76.7 115.1
119 71.8 57.6 86.4





#61
Pentachloroethane
Concen: 0.365 ug/l
RT: 11.424 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22

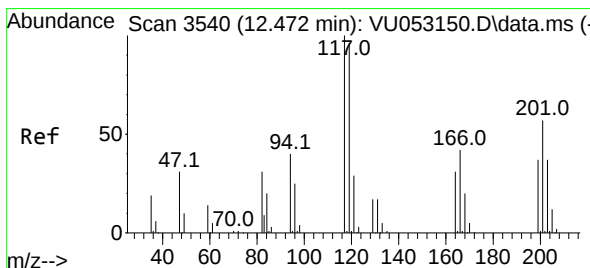
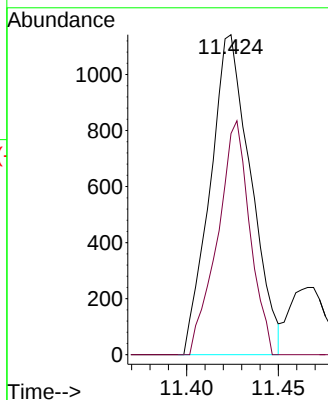
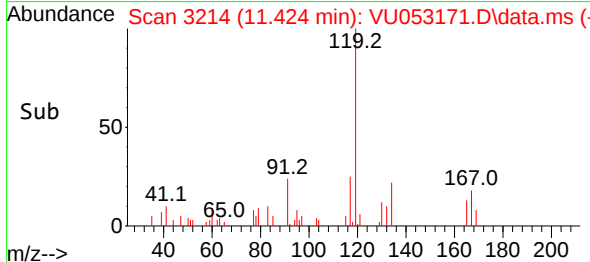
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2023



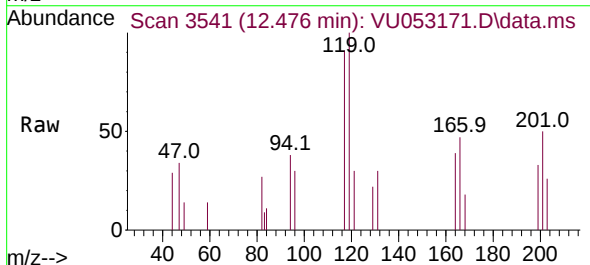
Tgt Ion:117 Resp: 175
Ion Ratio Lower Upper
117 100
167 58.3 57.5 86.3

Manual Integrations
APPROVED

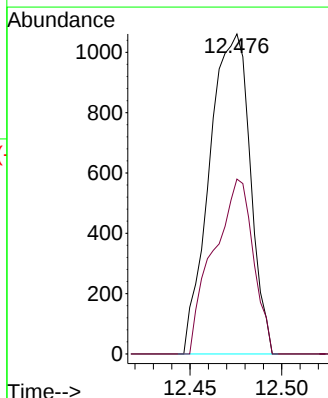
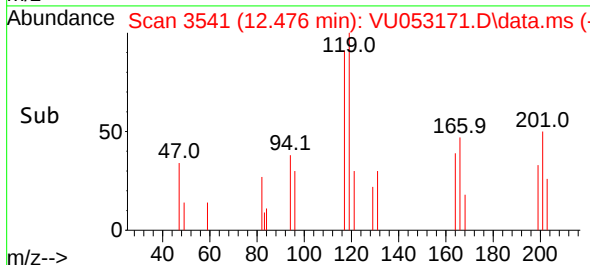
Reviewed By :Krupa Patel 03/01/2023
Supervised By :Mahesh Dadoda 03/01/2023

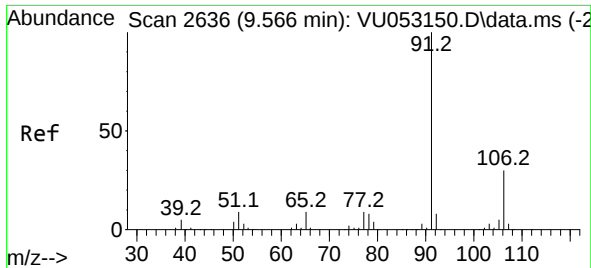


#62
Hexachloroethane
Concen: 0.308 ug/l
RT: 12.476 min Scan# 3541
Delta R.T. 0.003 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22



Tgt Ion:117 Resp: 1640
Ion Ratio Lower Upper
117 100
201 53.4 46.7 70.1





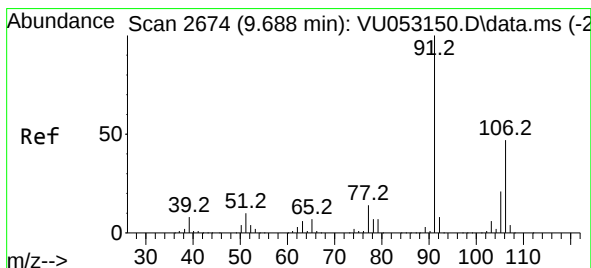
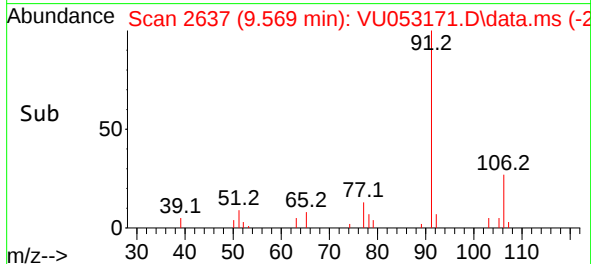
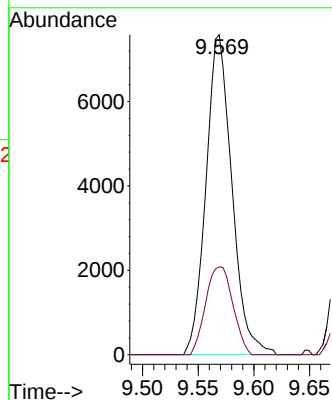
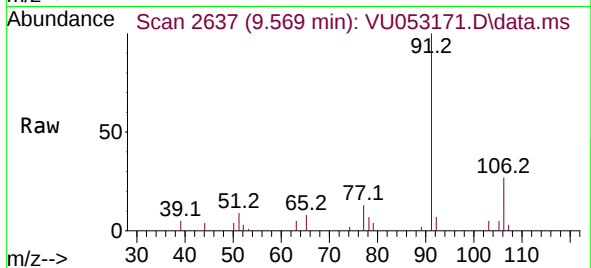
#63
Ethyl Benzene
Concen: 0.396 ug/l
RT: 9.569 min Scan# 2636
Delta R.T. 0.003 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion: 91 Resp: 1227
Ion Ratio Lower Upper
91 100
106 27.5 24.0 36.0

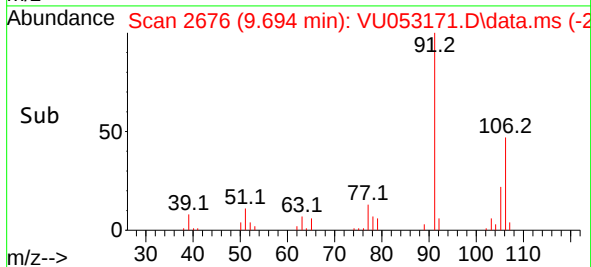
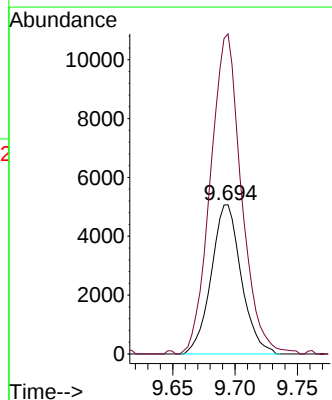
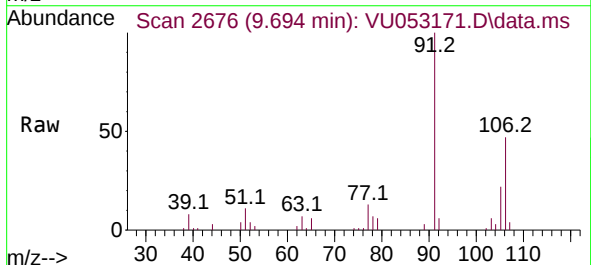
Manual Integrations
APPROVED

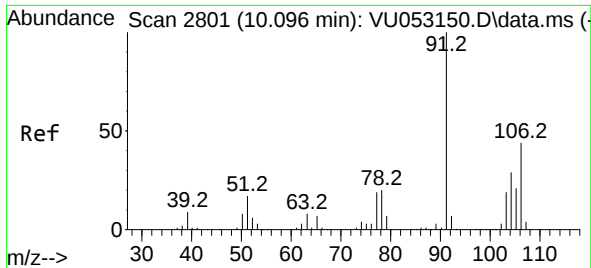
Reviewed By :Krupa Patel 03/01/2023
Supervised By :Mahesh Dadoda 03/01/2023



#64
m/p-Xylenes
Concen: 0.755 ug/l
RT: 9.694 min Scan# 2676
Delta R.T. 0.007 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22

Tgt Ion:106 Resp: 8496
Ion Ratio Lower Upper
106 100
91 221.9 170.7 256.1





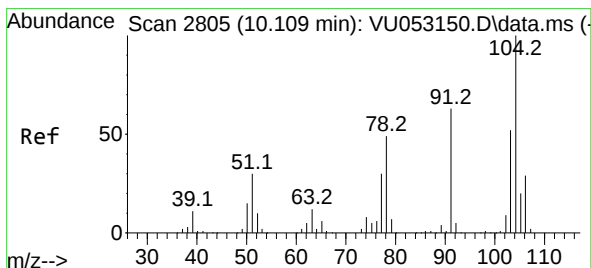
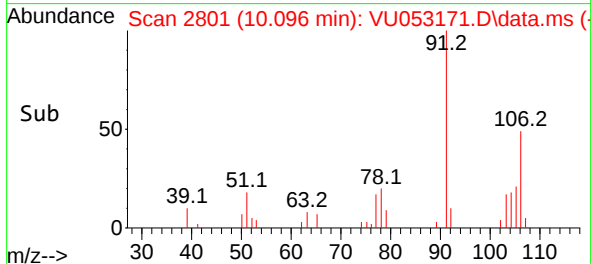
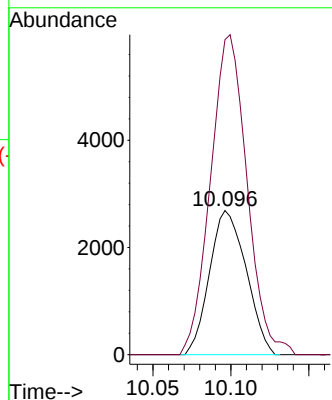
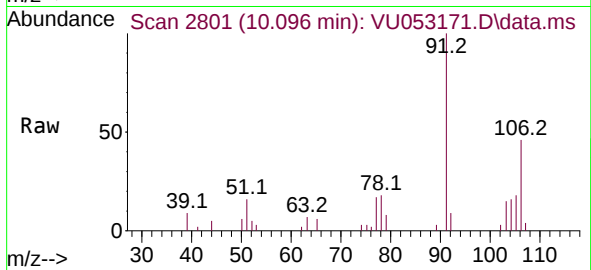
#65
o-Xylene
Concen: 0.383 ug/l
RT: 10.096 min Scan# 2801
Delta R.T. 0.000 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion:106 Resp: 4398
Ion Ratio Lower Upper
106 100
91 221.3 112.8 338.4

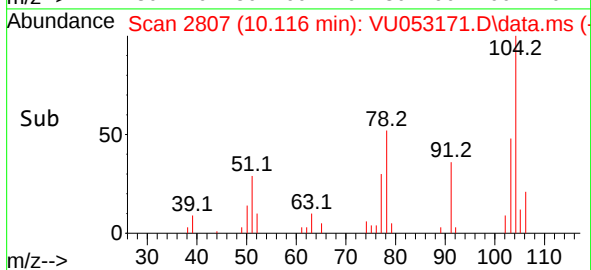
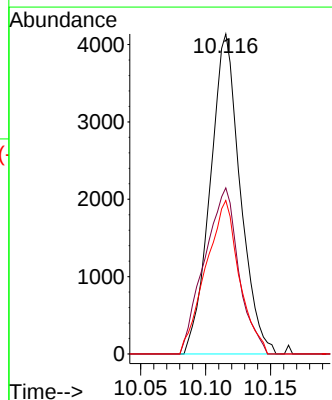
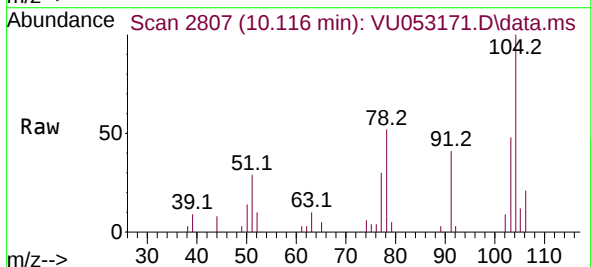
Manual Integrations
APPROVED

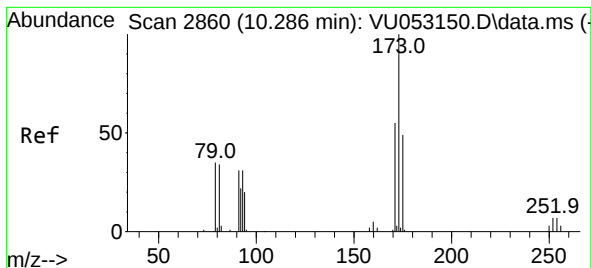
Reviewed By :Krupa Patel 03/01/2023
Supervised By :Mahesh Dadoda 03/01/2023



#66
Styrene
Concen: 0.364 ug/l
RT: 10.116 min Scan# 2807
Delta R.T. 0.007 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22

Tgt Ion:104 Resp: 6636
Ion Ratio Lower Upper
104 100
78 59.1 43.3 64.9
103 53.4 45.2 67.8





#67

Bromoform

Concen: 0.345 ug/l

RT: 10.289 min Scan# 2860

Delta R.T. 0.003 min

Lab File: VU053171.D

Acq: 28 Feb 2023 14:22

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2023

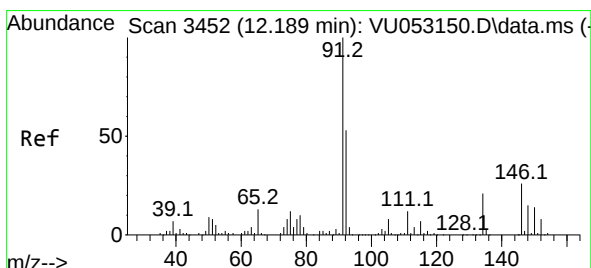
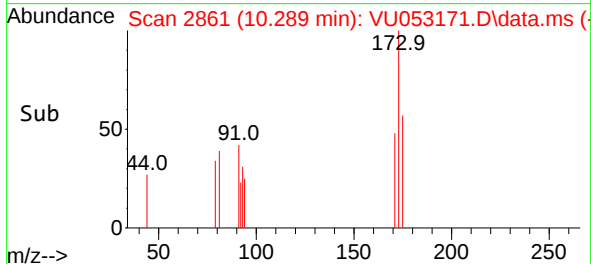
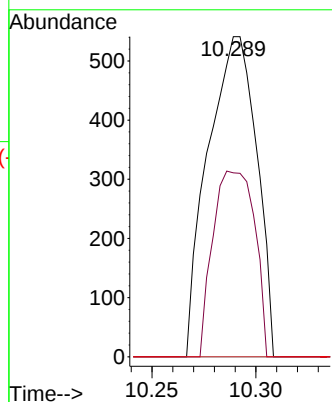
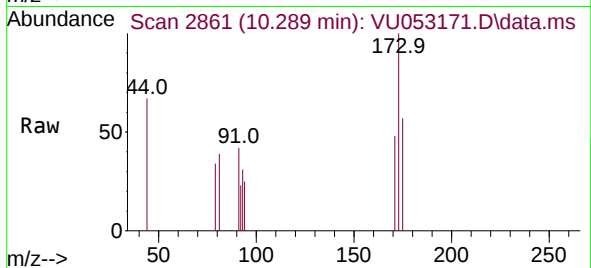
Tgt Ion:173	Resp:	880
Ion Ratio	Lower	Upper
173	100	
175	49.7	38.7 58.1
254	0.0	5.8 8.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/01/2023

Supervised By :Mahesh Dadoda 03/01/2023



#68

1,2-Dichlorobenzene-d4

Concen: 1.062 ug/l

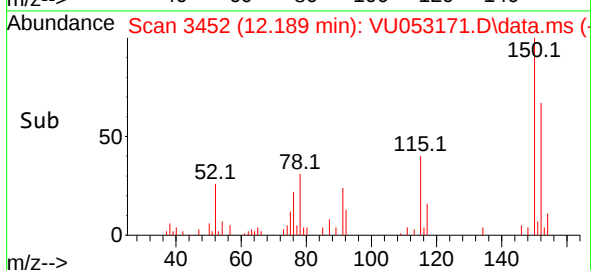
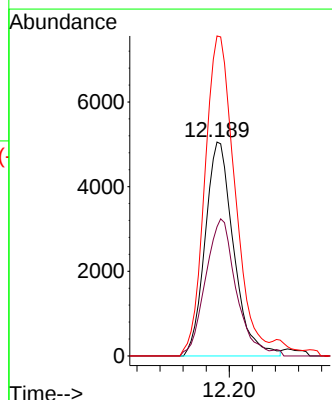
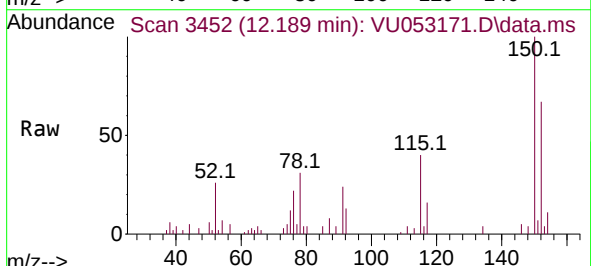
RT: 12.189 min Scan# 3452

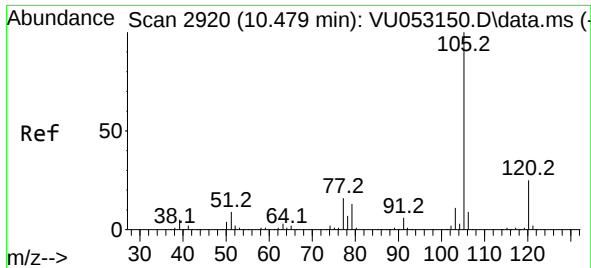
Delta R.T. 0.000 min

Lab File: VU053171.D

Acq: 28 Feb 2023 14:22

Tgt Ion:152	Resp:	8654
Ion Ratio	Lower	Upper
152	100	
115	68.3	0.0 267.8
150	157.9	0.0 623.0





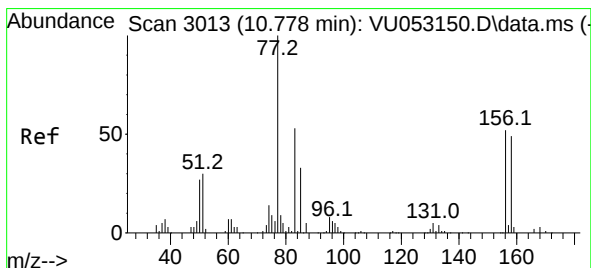
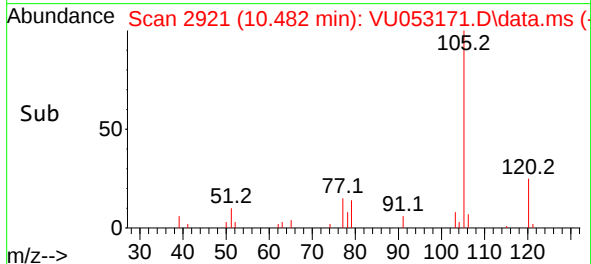
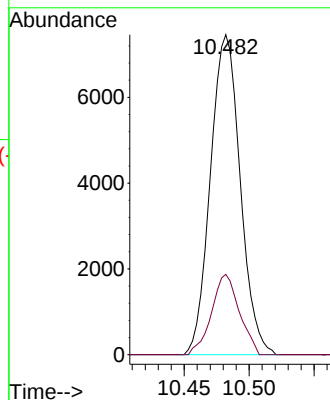
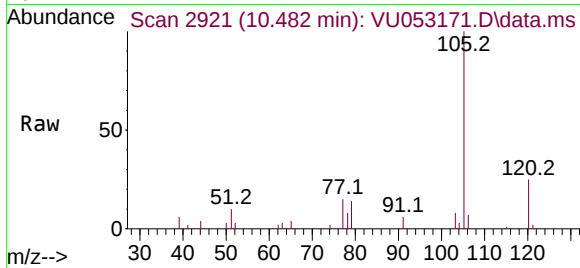
#69
Isopropylbenzene
Concen: 0.387 ug/l
RT: 10.482 min Scan# 2920
Delta R.T. 0.003 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion:105 Resp: 1189
Ion Ratio Lower Upper
105 100
120 23.4 12.6 37.6

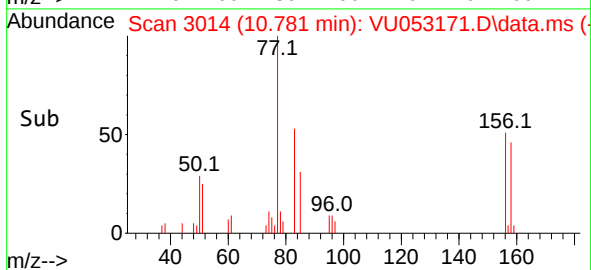
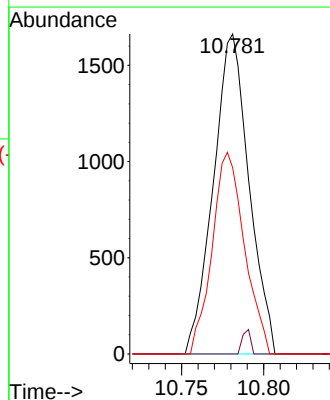
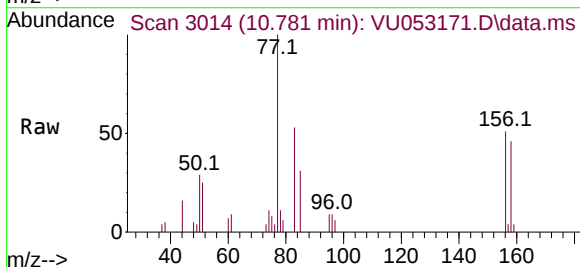
Manual Integrations
APPROVED

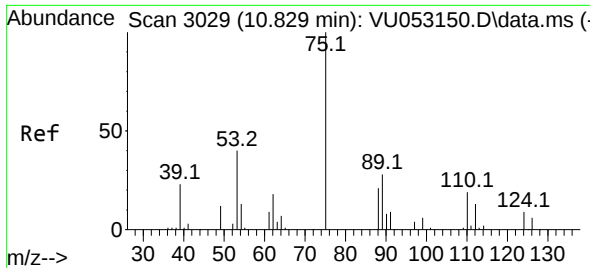
Reviewed By :Krupa Patel 03/01/2023
Supervised By :Mahesh Dadoda 03/01/2023



#70
1,1,2,2-Tetrachloroethane
Concen: 0.404 ug/l
RT: 10.781 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22

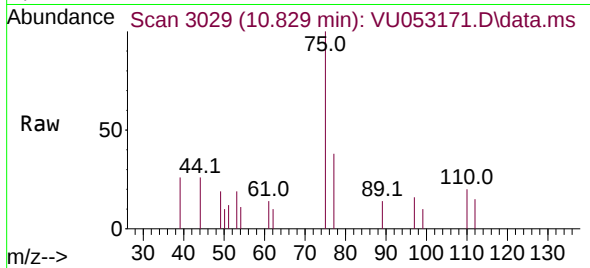
Tgt Ion: 83 Resp: 2504
Ion Ratio Lower Upper
83 100
131 1.8 6.6 9.8#
85 57.2 49.3 73.9





#71
1,2,3-Trichloropropane
Concen: 0.398 ug/l m
RT: 10.829 min Scan# 3029
Delta R.T. 0.000 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22

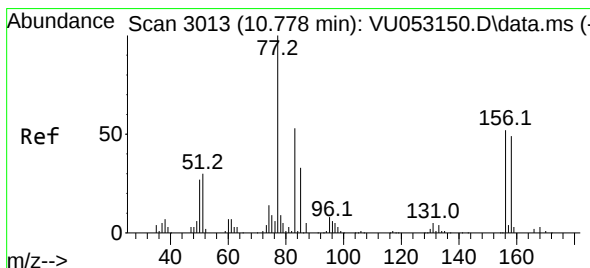
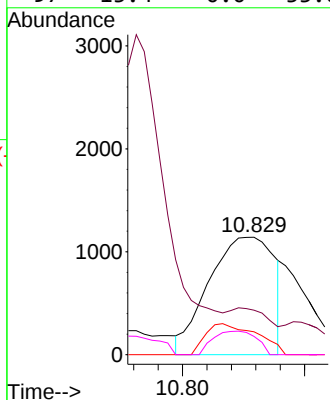
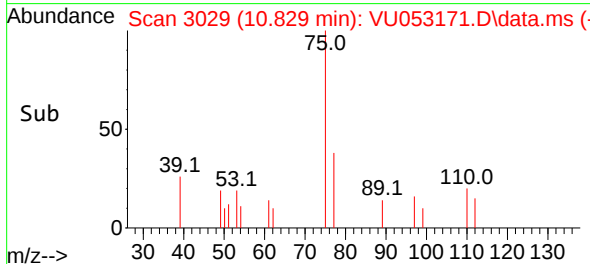
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2023



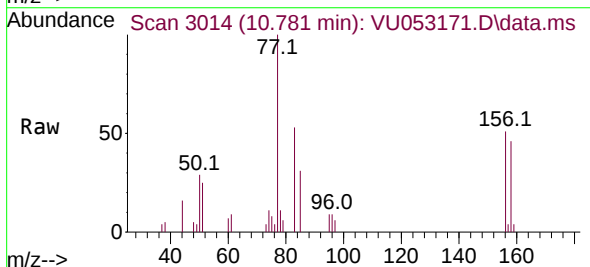
Tgt Ion:	75	Resp:	2118
Ion Ratio	Lower	Upper	
75	100		
77	39.5	0.0	98.2
110	21.1	0.0	57.0
97	13.4	0.0	33.6

Manual Integrations
APPROVED

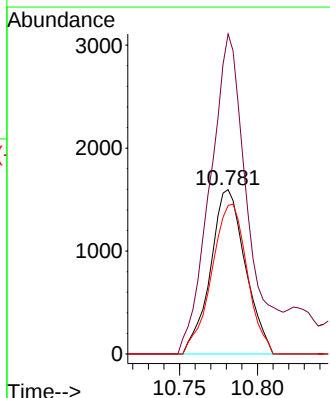
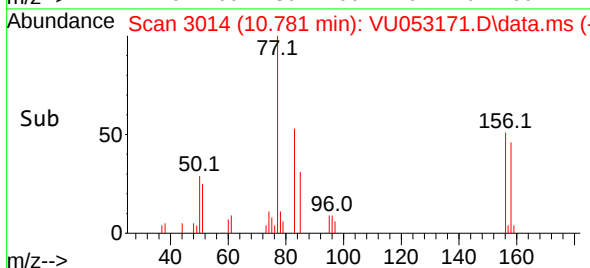
Reviewed By :Krupa Patel 03/01/2023
Supervised By :Mahesh Dadoda 03/01/2023

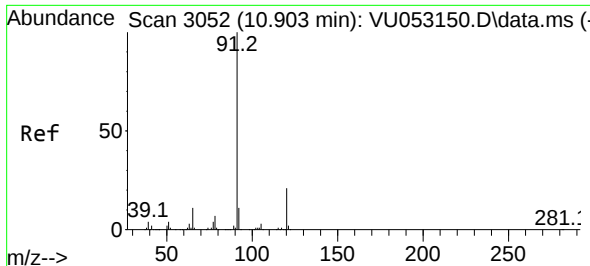


#72
Bromobenzene
Concen: 0.416 ug/l
RT: 10.781 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22



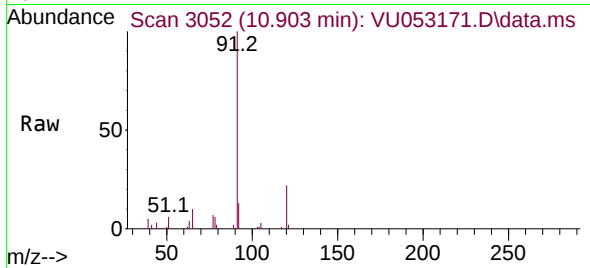
Tgt Ion:	156	Resp:	2485
Ion Ratio	Lower	Upper	
156	100		
77	208.4	0.0	397.0
158	92.6	0.0	189.2





#73
n-propylbenzene
Concen: 0.359 ug/l
RT: 10.903 min Scan# 3052
Delta R.T. 0.000 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22

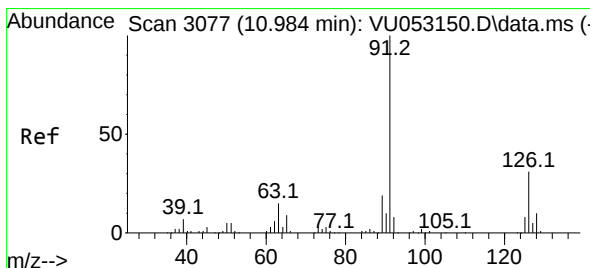
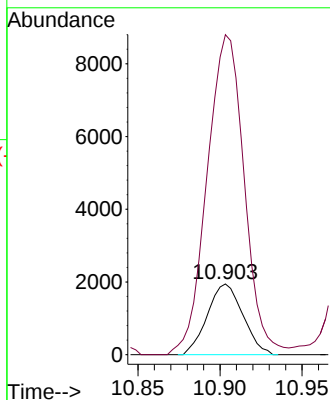
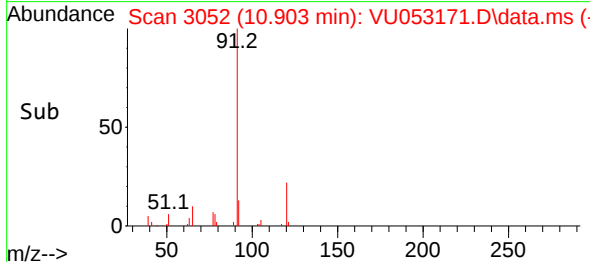
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2023



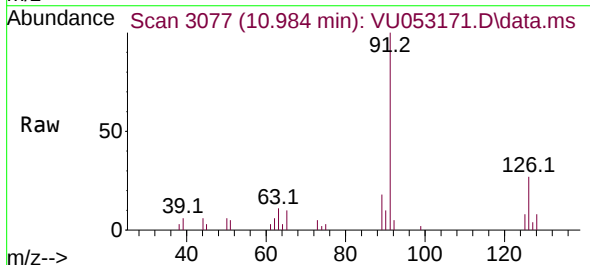
Tgt Ion:120 Resp: 292
Ion Ratio Lower Upper
120 100
91 473.9 372.5 558.7

Manual Integrations
APPROVED

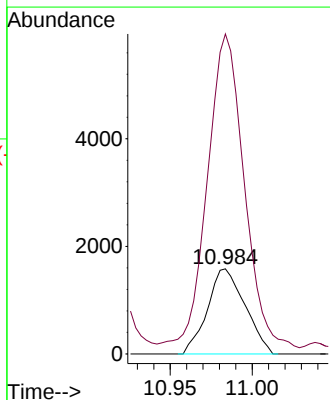
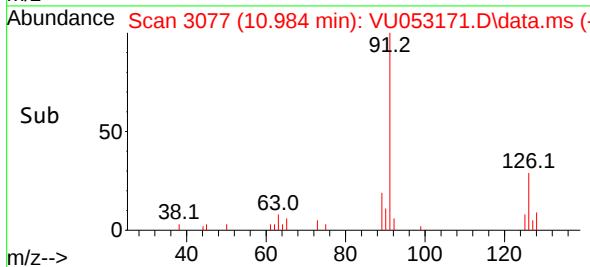
Reviewed By :Krupa Patel 03/01/2023
Supervised By :Mahesh Dadoda 03/01/2023

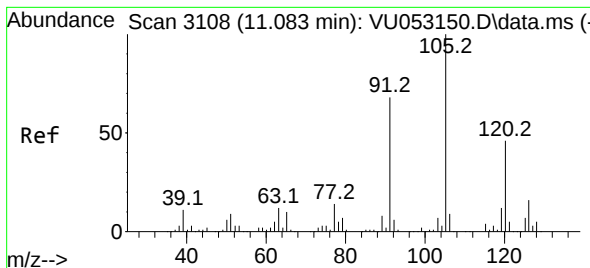


#74
2-Chlorotoluene
Concen: 0.372 ug/l
RT: 10.984 min Scan# 3077
Delta R.T. 0.000 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22



Tgt Ion:126 Resp: 2515
Ion Ratio Lower Upper
126 100
91 365.1 0.0 658.6





#75

1,3,5-Trimethylbenzene

Concen: 0.375 ug/l

RT: 11.087 min Scan# 3109

Delta R.T. 0.003 min

Lab File: VU053171.D

Acq: 28 Feb 2023 14:22

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2023

Tgt Ion:105 Resp: 9590

Ion Ratio Lower Upper

105 100

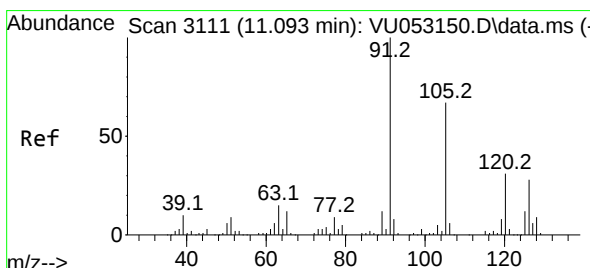
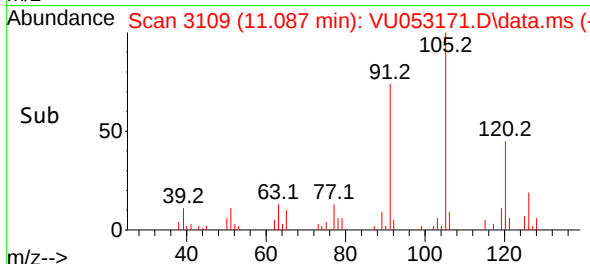
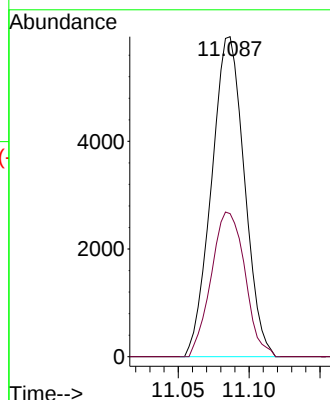
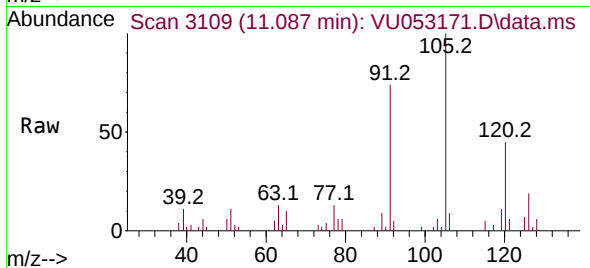
120 46.4 36.5 54.7

Manual Integrations

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Reviewed By :Krupa Patel 03/01/2023

Supervised By :Mahesh Dadoda 03/01/2023



#76

4-Chlorotoluene

Concen: 0.386 ug/l

RT: 11.096 min Scan# 3112

Delta R.T. 0.003 min

Lab File: VU053171.D

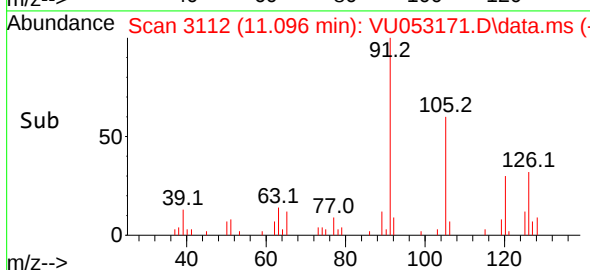
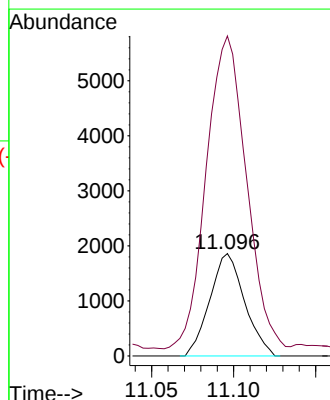
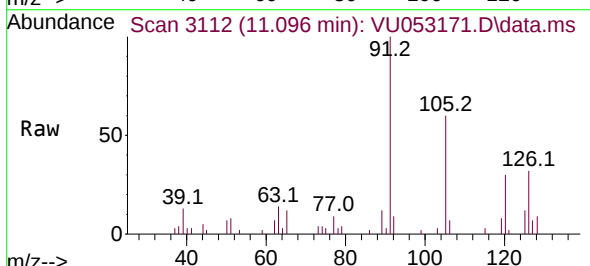
Acq: 28 Feb 2023 14:22

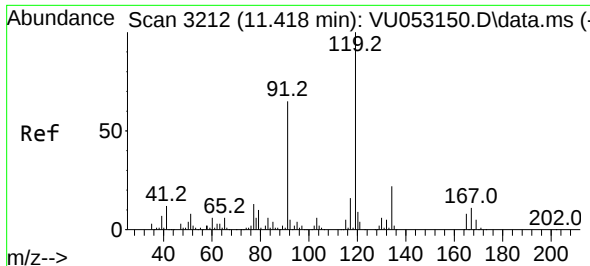
Tgt Ion:126 Resp: 2739

Ion Ratio Lower Upper

126 100

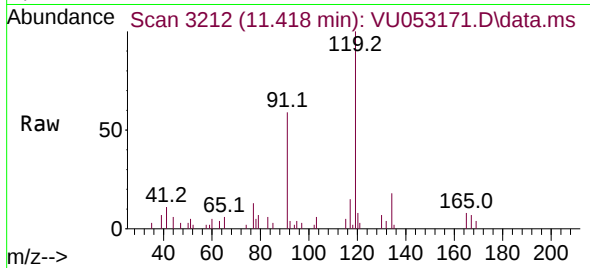
91 350.6 0.0 760.6





#77
tert-Butylbenzene
Concen: 0.380 ug/l
RT: 11.418 min Scan# 3212
Delta R.T. 0.000 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22

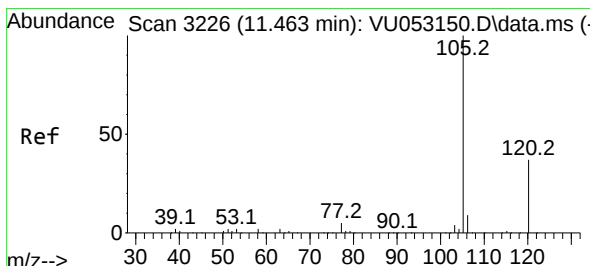
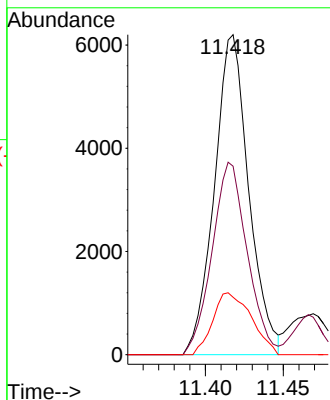
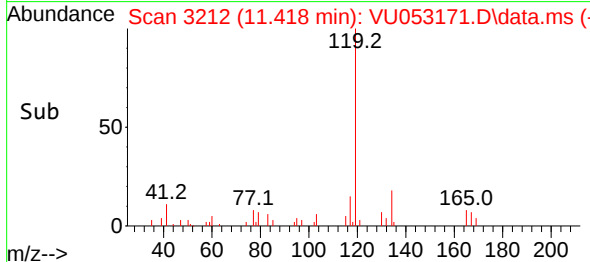
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2023



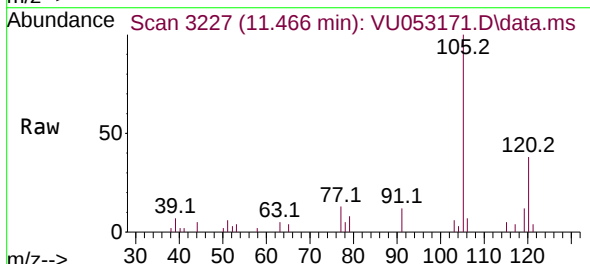
Tgt Ion:119 Resp: 952
Ion Ratio Lower Upper
119 100
91 61.5 31.9 95.7
134 21.7 17.4 26.0

Manual Integrations
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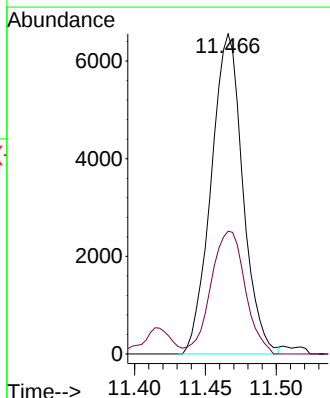
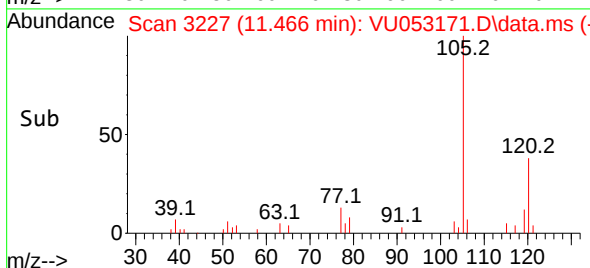
Reviewed By :Krupa Patel 03/01/2023
Supervised By :Mahesh Dadoda 03/01/2023

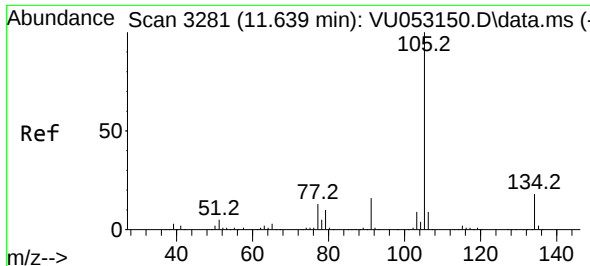


#78
1,2,4-Trimethylbenzene
Concen: 0.392 ug/l
RT: 11.466 min Scan# 3227
Delta R.T. 0.003 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22



Tgt Ion:105 Resp: 10215
Ion Ratio Lower Upper
105 100
120 41.4 21.1 63.1





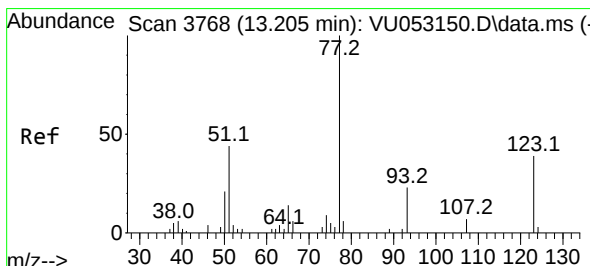
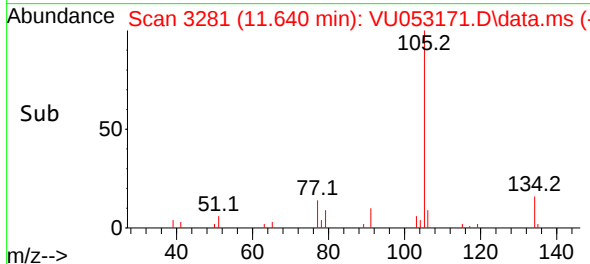
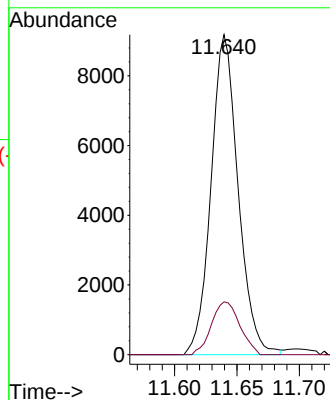
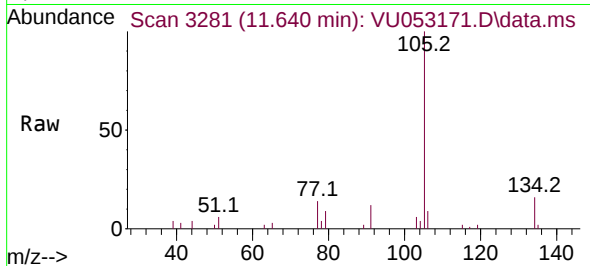
#79
 sec-Butylbenzene
 Concen: 0.399 ug/l
 RT: 11.640 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU053171.D
 Acq: 28 Feb 2023 14:22

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT1-2023

Tgt Ion:105 Resp: 1388
 Ion Ratio Lower Upper
 105 100
 134 17.3 14.4 21.6

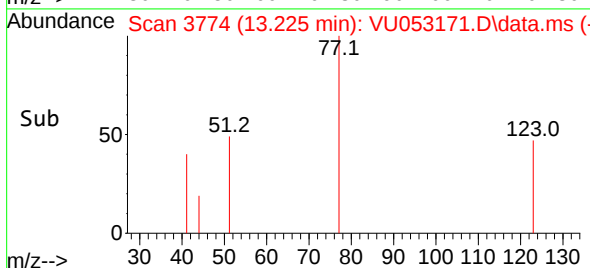
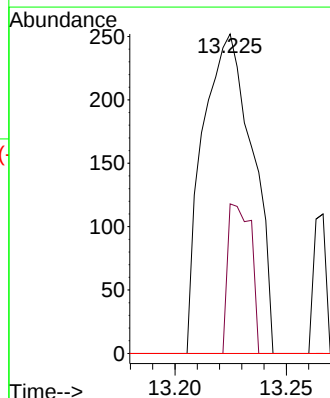
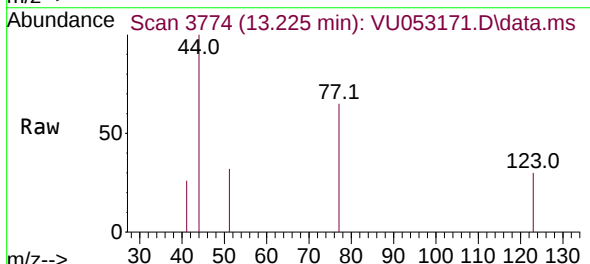
Manual Integrations
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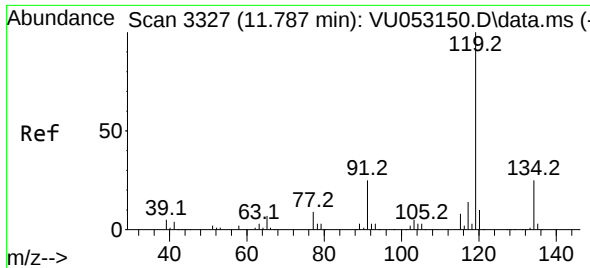
Reviewed By :Krupa Patel 03/01/2023
 Supervised By :Mahesh Dadoda 03/01/2023



#80
 Nitrobenzene
 Concen: 1.208 ug/l
 RT: 13.225 min Scan# 3774
 Delta R.T. 0.019 min
 Lab File: VU053171.D
 Acq: 28 Feb 2023 14:22

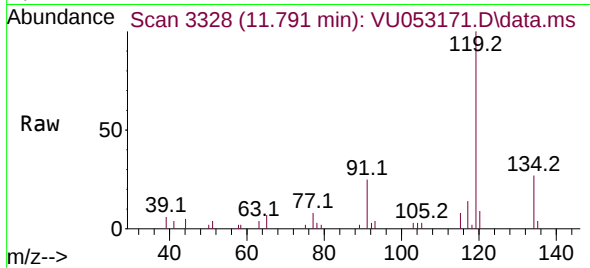
Tgt Ion: 77 Resp: 391
 Ion Ratio Lower Upper
 77 100
 123 21.7 17.0 60.2
 65 0.0 12.9 16.5#





#81
p-Isopropyltoluene
Concen: 0.363 ug/l
RT: 11.791 min Scan# 3328
Delta R.T. 0.003 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22

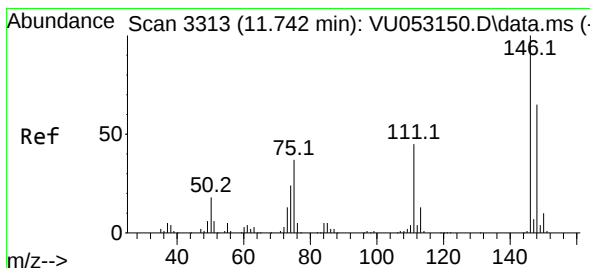
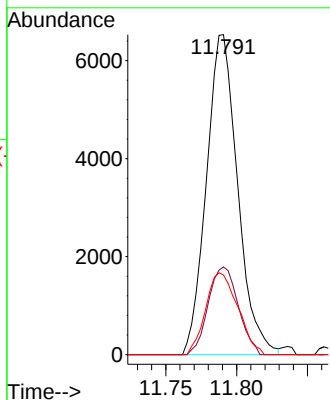
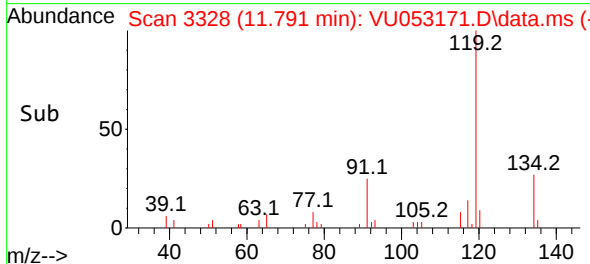
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2023



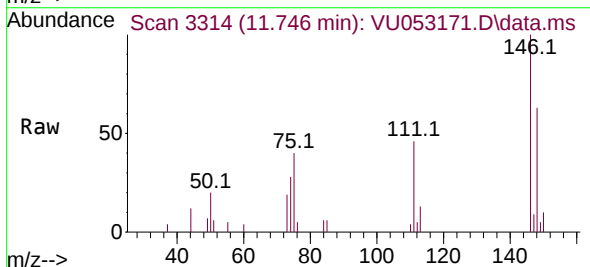
Tgt Ion:119 Resp: 1001
Ion Ratio Lower Upper
119 100
134 26.3 19.8 29.6
91 26.3 20.5 30.7

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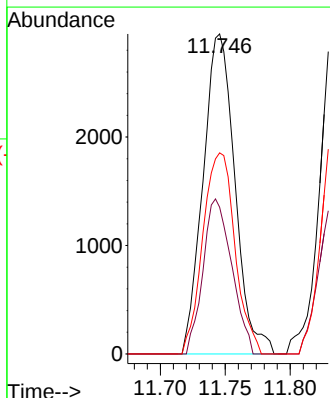
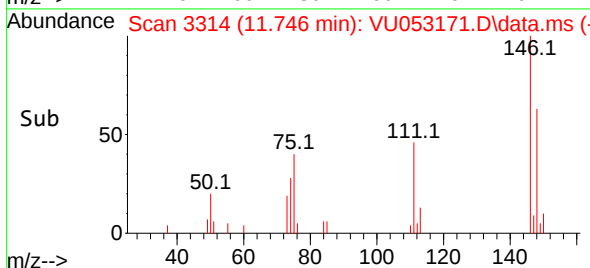
Reviewed By :Krupa Patel 03/01/2023
Supervised By :Mahesh Dadoda 03/01/2023

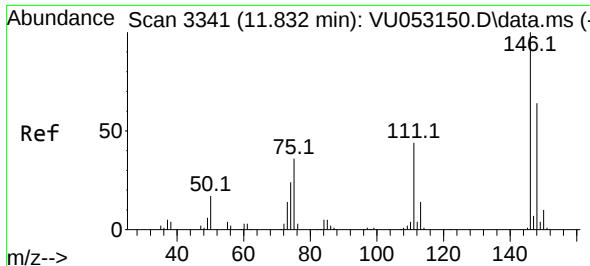


#82
1,3-Dichlorobenzene
Concen: 0.383 ug/l
RT: 11.746 min Scan# 3314
Delta R.T. 0.003 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22



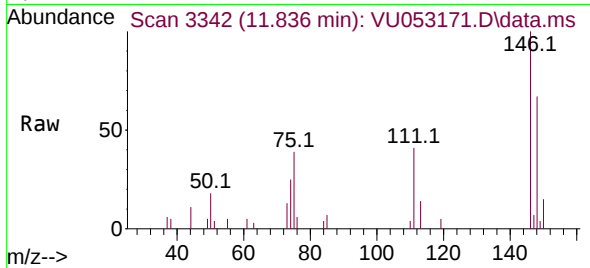
Tgt Ion:146 Resp: 5023
Ion Ratio Lower Upper
146 100
111 43.7 36.0 54.0
148 63.5 50.8 76.2





#83
1,4-Dichlorobenzene
Concen: 0.404 ug/l
RT: 11.836 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22

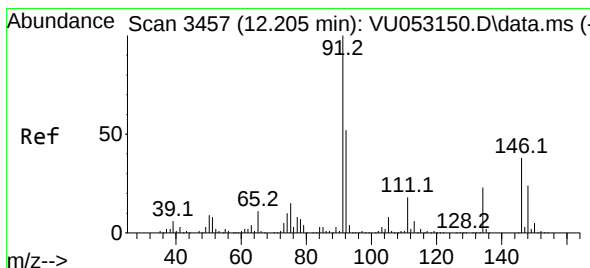
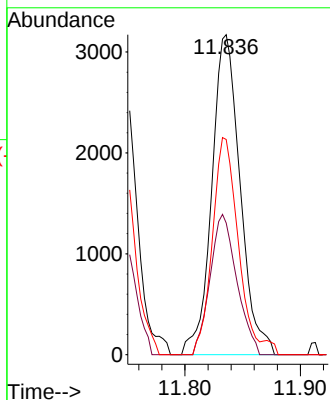
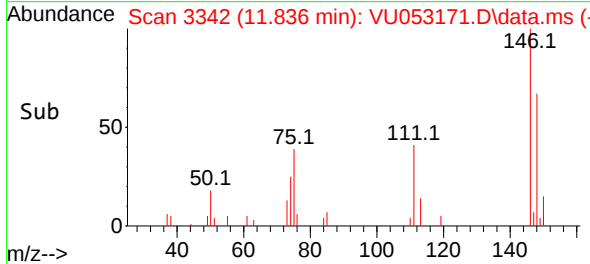
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2023



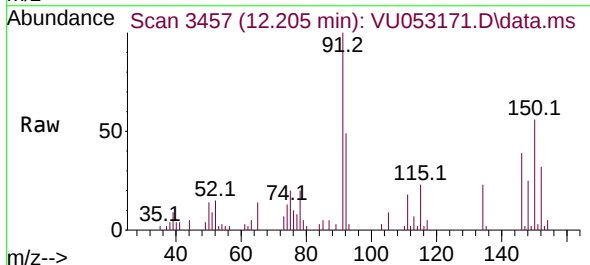
Tgt Ion:146 Resp: 541
Ion Ratio Lower Upper
146 100
111 41.3 34.0 51.0
148 62.6 49.8 74.6

Manual Integrations
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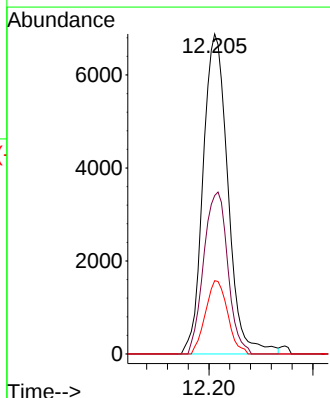
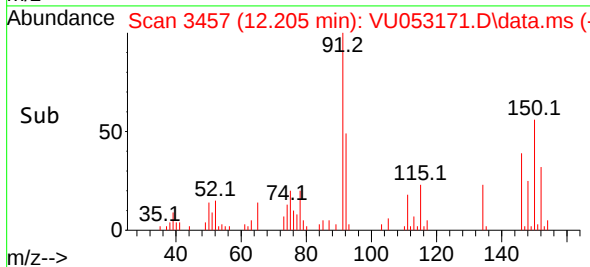
Reviewed By :Krupa Patel 03/01/2023
Supervised By :Mahesh Dadoda 03/01/2023

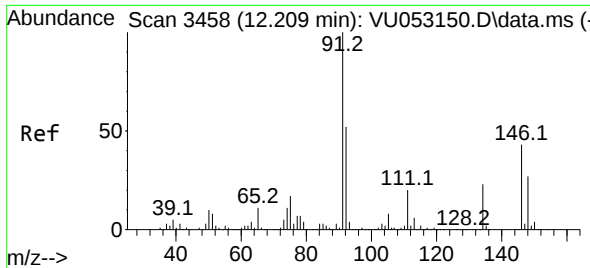


#84
n-Butylbenzene
Concen: 0.400 ug/l
RT: 12.205 min Scan# 3457
Delta R.T. 0.000 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22



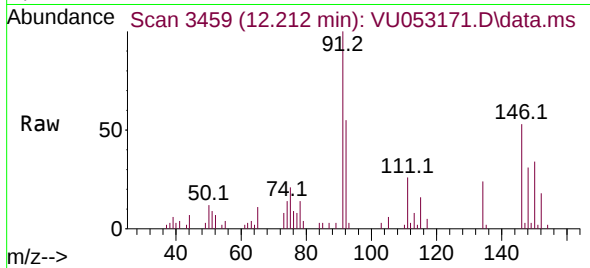
Tgt Ion: 91 Resp: 11420
Ion Ratio Lower Upper
91 100
92 49.0 41.8 62.6
134 20.4 17.9 26.9





#85
1,2-Dichlorobenzene
Concen: 0.400 ug/l
RT: 12.212 min Scan# 3458
Delta R.T. 0.003 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22

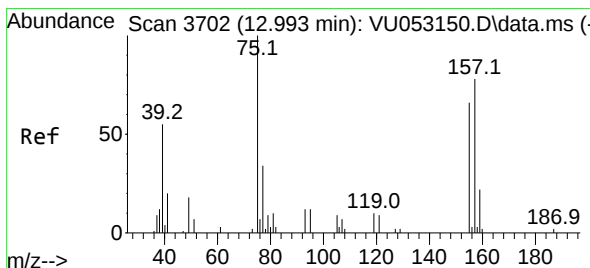
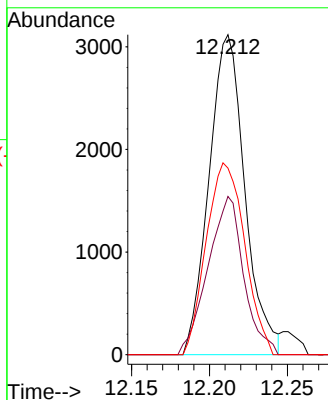
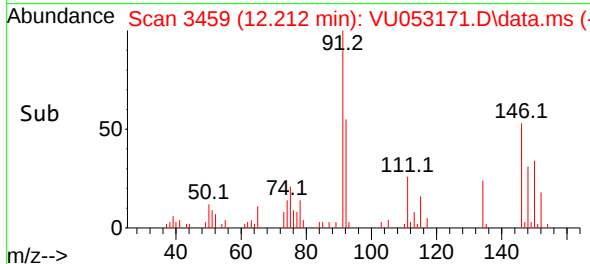
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:146 Resp: 4990
Ion Ratio Lower Upper
146 100
111 49.2 23.2 69.6
148 64.3 31.4 94.3

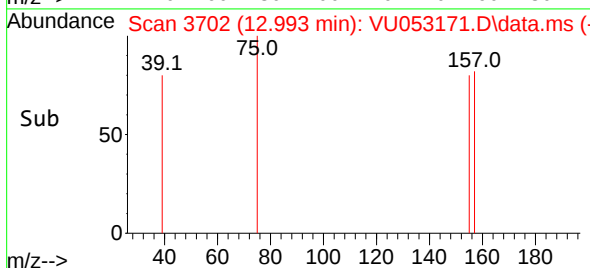
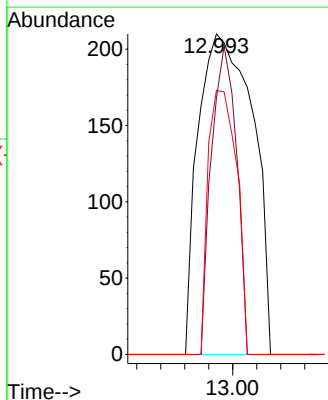
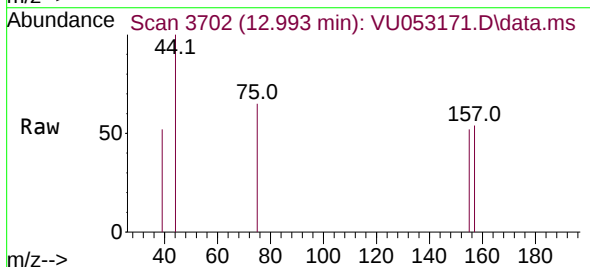
Manual Integrations
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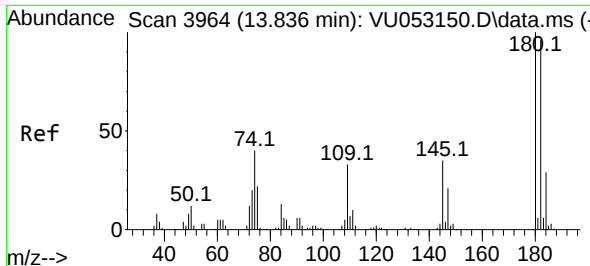
Reviewed By :Krupa Patel 03/01/2023
Supervised By :Mahesh Dadoda 03/01/2023



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.340 ug/l
RT: 12.993 min Scan# 3702
Delta R.T. 0.000 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22

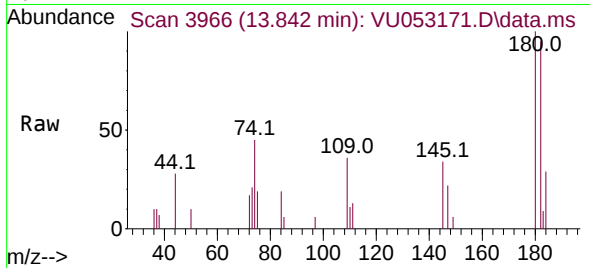
Tgt Ion: 75 Resp: 331
Ion Ratio Lower Upper
75 100
155 44.4 53.4 80.0#
157 43.2 61.7 92.5#





#87
1,2,4-Trichlorobenzene
Concen: 0.400 ug/l
RT: 13.842 min Scan# 3964
Delta R.T. 0.007 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22

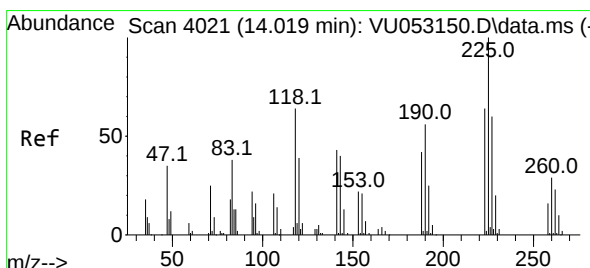
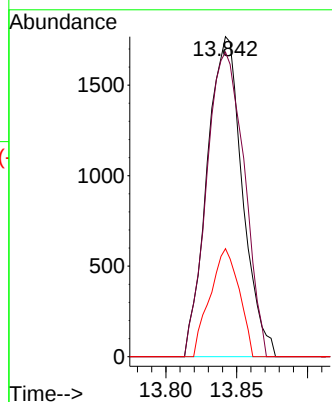
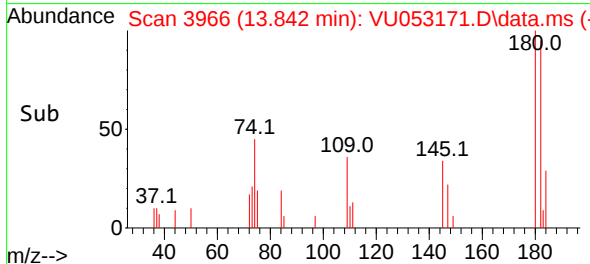
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:180 Resp: 306
Ion Ratio Lower Upper
180 100
182 101.0 77.4 116.0
145 27.7 28.3 42.5

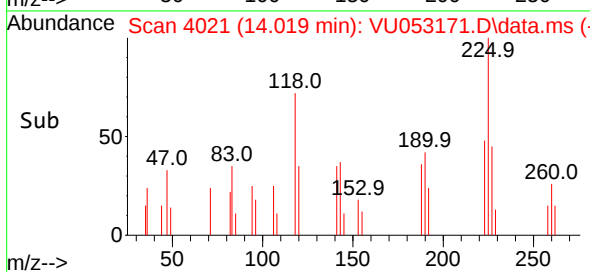
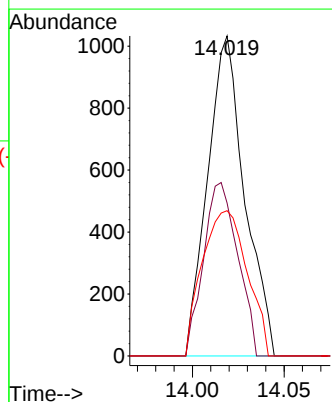
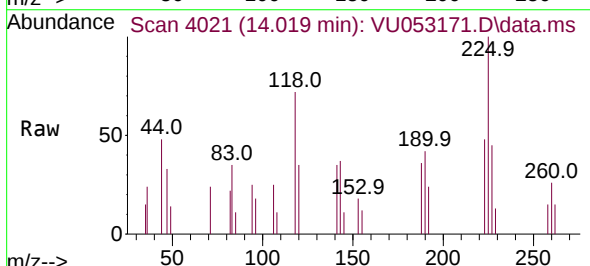
Manual Integrations
APPROVED

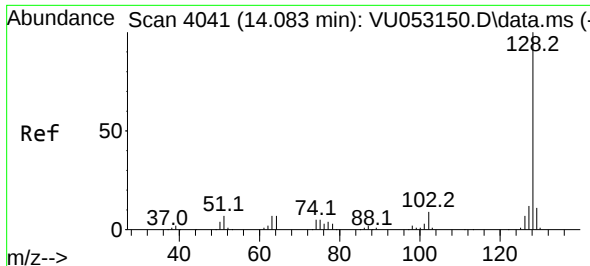
Reviewed By :Krupa Patel 03/01/2023
Supervised By :Mahesh Dadoda 03/01/2023



#88
Hexachlorobutadiene
Concen: 0.387 ug/l
RT: 14.019 min Scan# 4021
Delta R.T. -0.000 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22

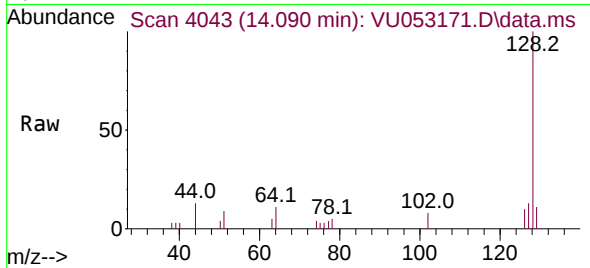
Tgt Ion:225 Resp: 1451
Ion Ratio Lower Upper
225 100
223 50.0 51.1 76.7#
227 55.1 49.9 74.9





#89
Naphthalene
Concen: 0.466 ug/l
RT: 14.090 min Scan# 4041
Delta R.T. 0.007 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22

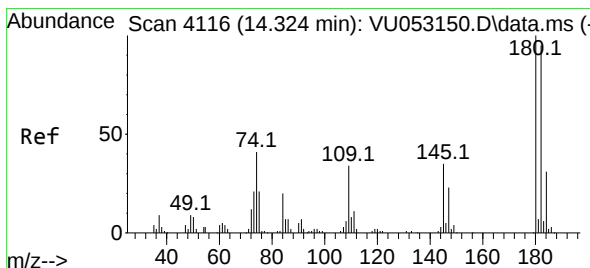
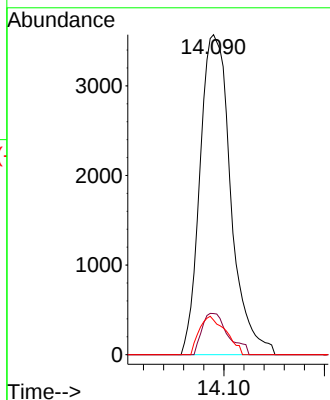
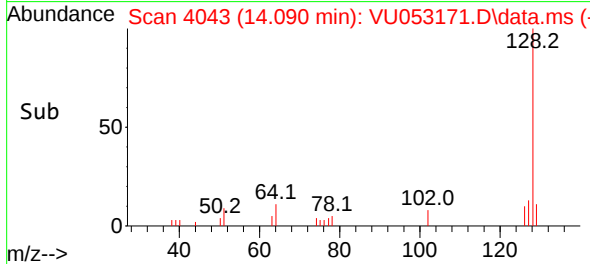
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:128 Resp: 759
Ion Ratio Lower Upper
128 100
127 11.0 9.9 14.9
129 10.3 8.3 12.5

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 03/01/2023
Supervised By :Mahesh Dadoda 03/01/2023



#90
1,2,3-Trichlorobenzene
Concen: 0.417 ug/l
RT: 14.324 min Scan# 4116
Delta R.T. 0.000 min
Lab File: VU053171.D
Acq: 28 Feb 2023 14:22

Tgt Ion:180 Resp: 2817
Ion Ratio Lower Upper
180 100
182 96.4 76.6 115.0
145 33.8 29.0 43.6

