

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021023\
 Data File : VU053038.D
 Acq On : 10 Feb 2023 15:16
 Operator : JC/MD
 Sample : 01378-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT1-2023-01

Quant Time: Feb 10 23:49:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 10 23:20:41 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 02/13/2023
 Supervised By :Mahesh Dadoda 02/13/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	122413	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	106594	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	50082	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	28957	4.938	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	98.800%	
7) Chloroethane-d5	1.910	69	28304	5.135	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	102.600%	
11) 1,1-Dichloroethene-d2	2.563	65	12327	4.583	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	91.600%	
20) 2-Butanone-d5	4.649	46	95287	53.054	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.100%	
24) Chloroform-d	5.058	84	65972	4.889	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.800%	
26) 1,2-Dichloroethane-d4	5.698	65	35178	5.174	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.400%	
32) Benzene-d6	5.723	84	123700	5.164	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.200%	
36) 1,2-Dichloropropane-d6	6.688	67	43861	5.257	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	105.200%	
41) Toluene-d8	7.894	98	107608	4.973	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.400%	
43) trans-1,3-Dichloroprop...	8.177	79	17655	5.227	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	104.600%	
46) 2-Hexanone-d5	8.633	63	84404	56.290	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	112.580%	
56) 1,1,2,2-Tetrachloroeth...	10.752	84	38517	5.376	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.600%	
66) 1,2-Dichlorobenzene-d4	12.189	152	40108	5.361	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	2291	0.255	ug/L #	82
3) Chloromethane	1.518	50	2528	0.270	ug/L	91
5) Vinyl chloride	1.601	62	2164	0.210	ug/L #	51
6) Bromomethane	1.855	94	1621	0.253	ug/L	99
8) Chloroethane	1.933	64	1473	0.242	ug/L	96
9) Trichlorofluoromethane	2.138	101	3139	0.221	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	2001	0.256	ug/L	93
12) 1,1-Dichloroethene	2.576	96	2122	0.293	ug/L #	1
14) Carbon disulfide	2.791	76	5430	0.248	ug/L	96
15) Methyl Acetate	2.968	43	750m	0.238	ug/L	
16) Methylene chloride	3.039	84	5352	0.639	ug/L	93
17) Methyl tert-butyl Ether	3.360	73	3884	0.198	ug/L #	94
18) trans-1,2-Dichloroethene	3.350	96	1786	0.233	ug/L	93
19) 1,1-Dichloroethane	3.868	63	3338	0.231	ug/L #	92
21) 2-Butanone	4.727	43	5376m	2.823	ug/L	
22) cis-1,2-Dichloroethene	4.666	96	2074	0.240	ug/L	94
23) Bromochloromethane	4.968	128	650	0.190	ug/L	98
27) 1,2-Dichloroethane	5.794	62	2086	0.225	ug/L #	92
29) 1,1,1-Trichloroethane	5.305	97	3155	0.248	ug/L #	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	5.386	56	3099	0.243	ug/L #	92
31) Carbon tetrachloride	5.524	117	2293	0.216	ug/L	91
33) Benzene	5.772	78	8038	0.262	ug/L	100
35) Methylcyclohexane	6.756	83	3524	0.252	ug/L	99
37) 1,2-Dichloropropane	6.788	63	2111	0.252	ug/L #	90
38) Bromodichloromethane	7.103	83	2665	0.246	ug/L	96
39) cis-1,3-Dichloropropene	7.604	75	3135	0.235	ug/L	93
40) 4-Methyl-2-pentanone	7.791	43	10653	2.440	ug/L #	88
42) Toluene	7.968	91	7977	0.239	ug/L	90
44) trans-1,3-Dichloropropene	8.209	75	2658	0.242	ug/L	94
45) 1,1,2-Trichloroethane	8.399	97	1461	0.242	ug/L #	83
47) Tetrachloroethene	8.556	164	1237	0.220	ug/L	96
48) 2-Hexanone	8.685	43	12569	3.922	ug/L #	98
49) Dibromochloromethane	8.807	129	1317	0.200	ug/L	92
50) 1,2-Dibromoethane	8.916	107	1431	0.257	ug/L #	95
51) Chlorobenzene	9.444	112	4951	0.238	ug/L	99
52) Ethylbenzene	9.569	91	8938	0.236	ug/L	96
53) m,p-Xylene	9.691	106	3270	0.231	ug/L	96
54) o-Xylene	10.096	106	3181	0.232	ug/L	95
55) Styrene	10.116	104	4917	0.221	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.778	83	2213	0.290	ug/L #	88
59) Bromoform	10.289	173	763	0.210	ug/L #	88
60) Isopropylbenzene	10.482	105	8336	0.230	ug/L	96
61) 1,2,3-Trichloropropane	10.820	75	1121	0.233	ug/L #	86
62) 1,3,5-Trimethylbenzene	11.087	105	7130	0.233	ug/L	100
63) 1,2,4-Trimethylbenzene	11.466	105	7158	0.234	ug/L	96
64) 1,3-Dichlorobenzene	11.742	146	3412	0.233	ug/L	93
65) 1,4-Dichlorobenzene	11.832	146	3378	0.230	ug/L	96
67) 1,2-Dichlorobenzene	12.209	146	3280	0.240	ug/L	93
69) 1,3,5-Trichlorobenzene	13.221	180	2074	0.198	ug/L	96

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

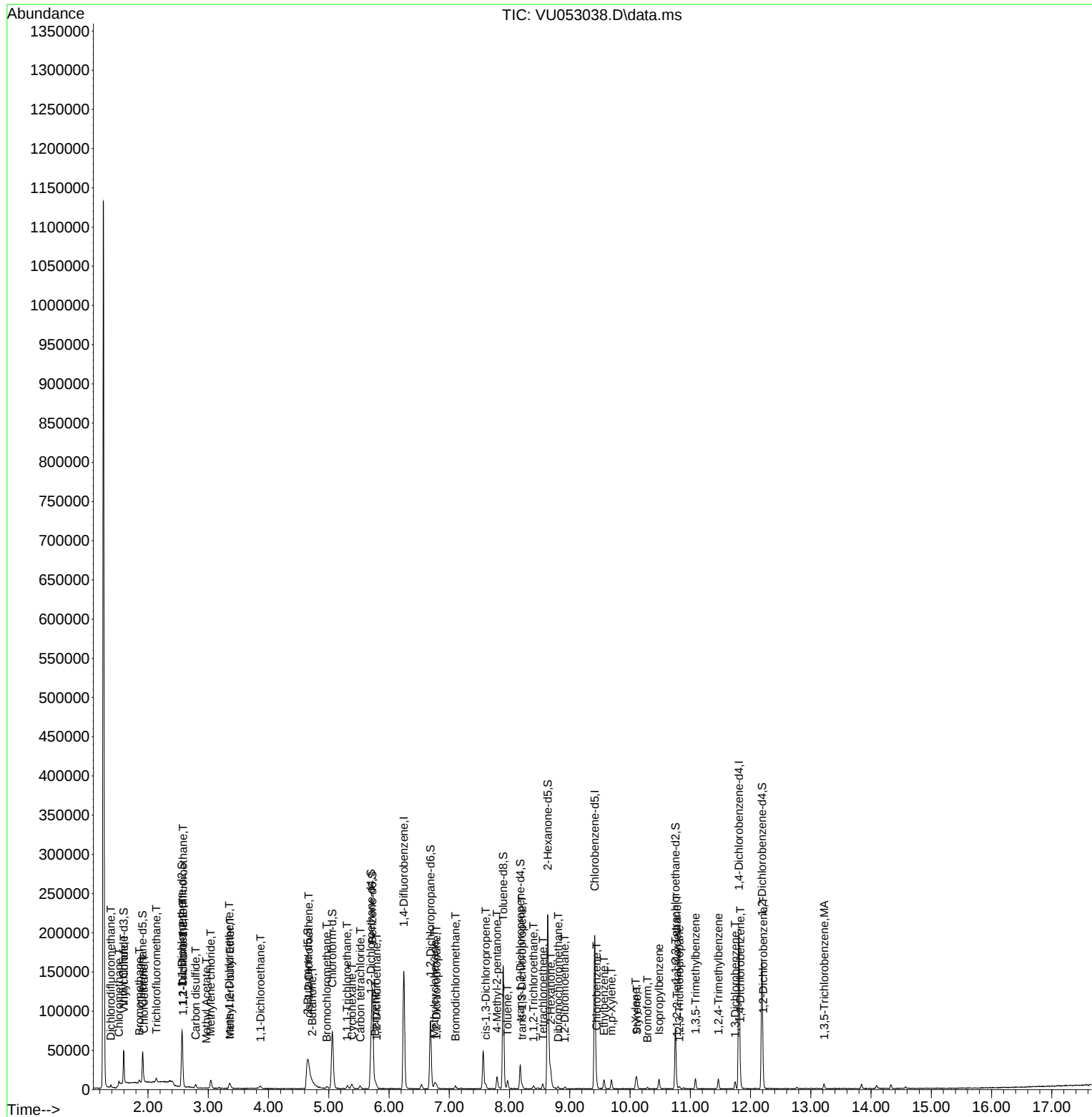
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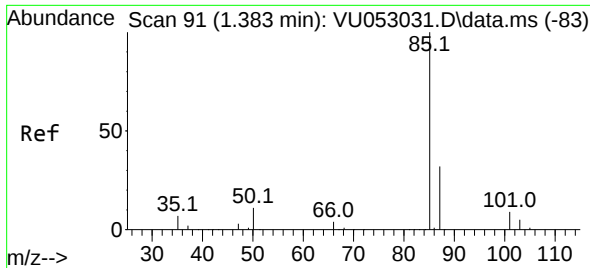
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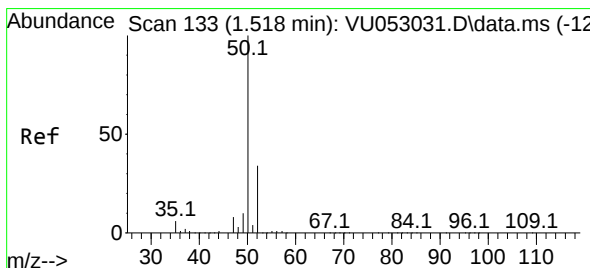
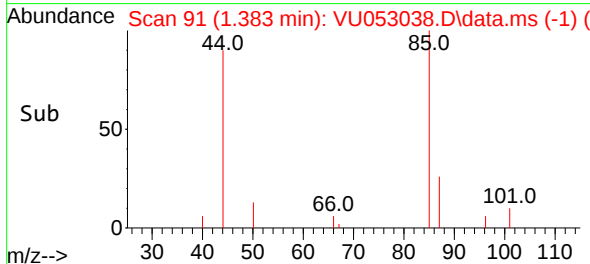
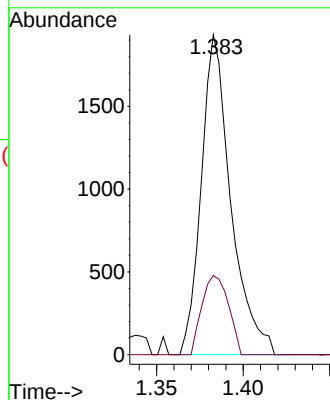
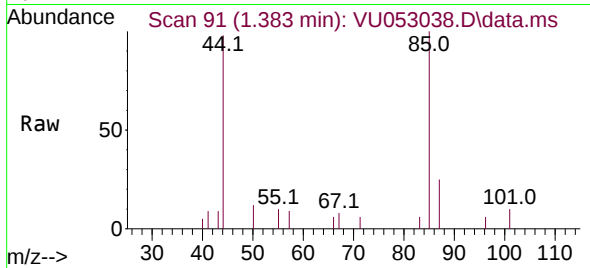
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Dichlorodifluoromethane
Concen: 0.255 ug/L
RT: 1.383 min Scan# 91
Delta R.T. -0.000 min
Lab File: VU053038.D
Acq: 10 Feb 2023 15:16

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2023-01

Tgt Ion: 85 Resp: 229
Ion Ratio Lower Upper
85 100
87 22.1 25.5 38.3

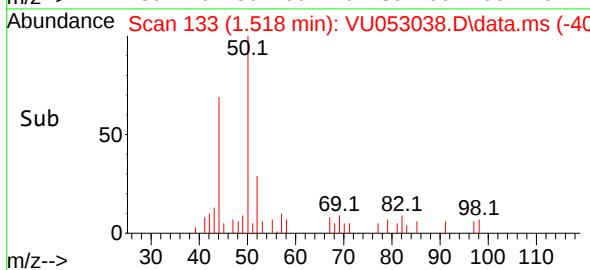
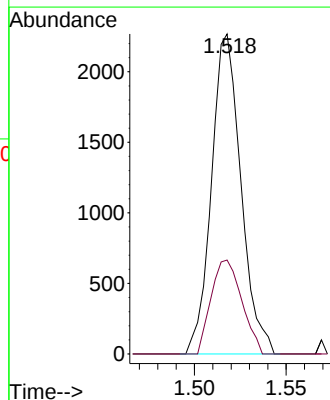
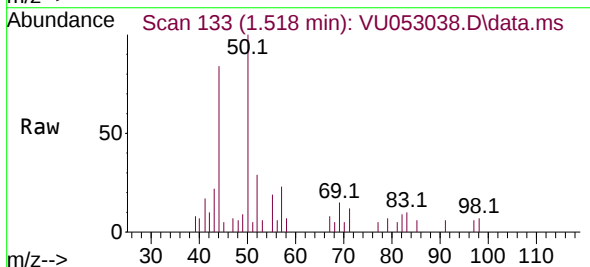
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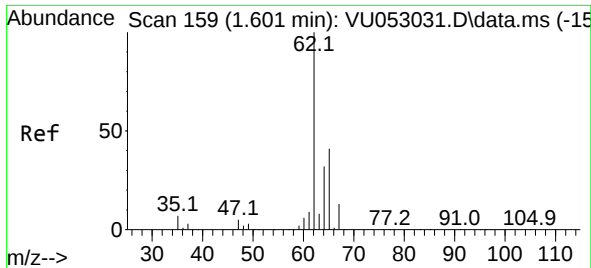
Reviewed By :Krupa Patel 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023



#3
Chloromethane
Concen: 0.270 ug/L
RT: 1.518 min Scan# 133
Delta R.T. -0.000 min
Lab File: VU053038.D
Acq: 10 Feb 2023 15:16

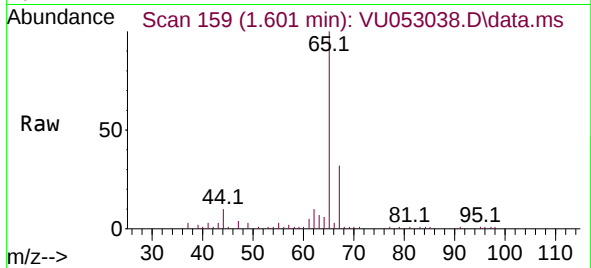
Tgt Ion: 50 Resp: 2528
Ion Ratio Lower Upper
50 100
52 29.4 24.1 44.7





#5
 Vinyl chloride
 Concen: 0.210 ug/L
 RT: 1.601 min Scan# 159
 Delta R.T. -0.000 min
 Lab File: VU053038.D
 Acq: 10 Feb 2023 15:16

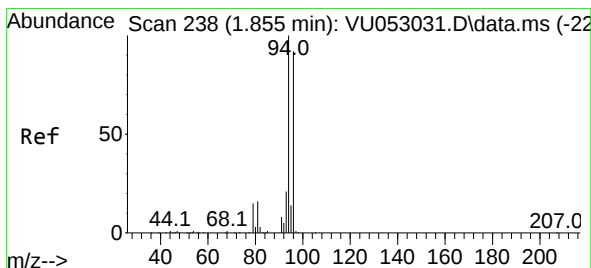
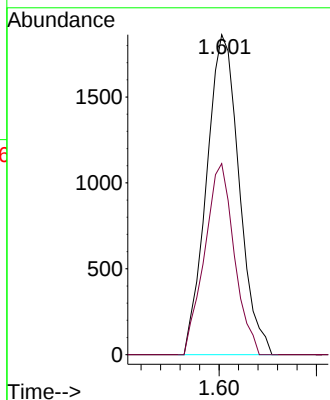
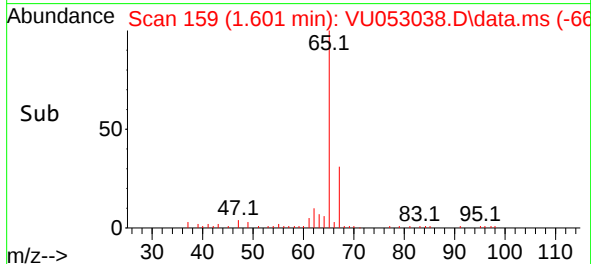
Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-QT1-2023-01



Tgt Ion: 62 Resp: 2164
 Ion Ratio Lower Upper
 62 100
 64 59.7 22.5 41.9

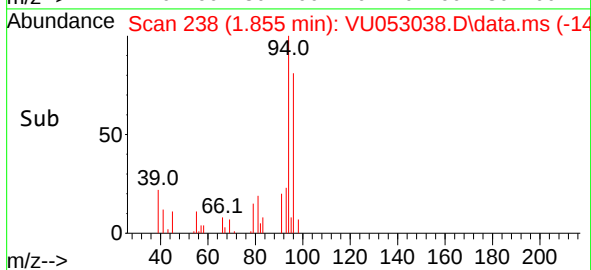
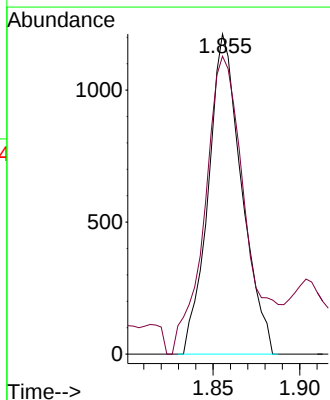
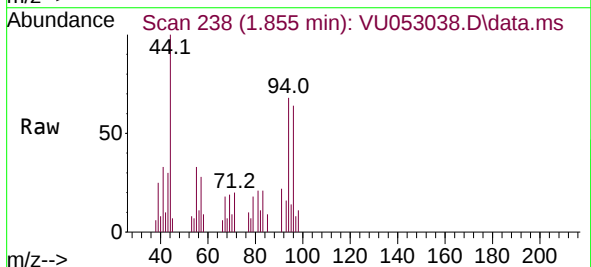
Manual Integrations
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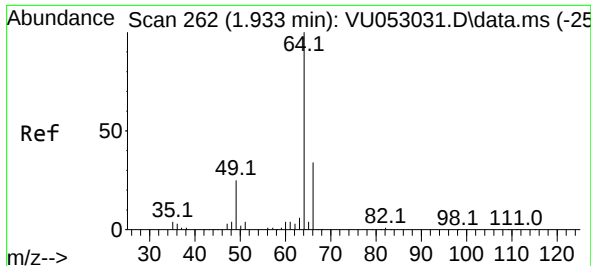
Reviewed By :Krupa Patel 02/13/2023
 Supervised By :Mahesh Dadoda 02/13/2023



#6
 Bromomethane
 Concen: 0.253 ug/L
 RT: 1.855 min Scan# 238
 Delta R.T. -0.000 min
 Lab File: VU053038.D
 Acq: 10 Feb 2023 15:16

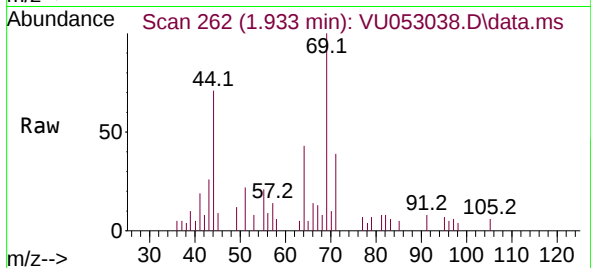
Tgt Ion: 94 Resp: 1621
 Ion Ratio Lower Upper
 94 100
 96 93.1 64.8 120.3





#8
Chloroethane
Concen: 0.242 ug/L
RT: 1.933 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU053038.D
Acq: 10 Feb 2023 15:16

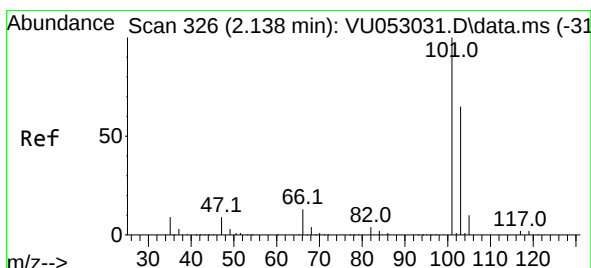
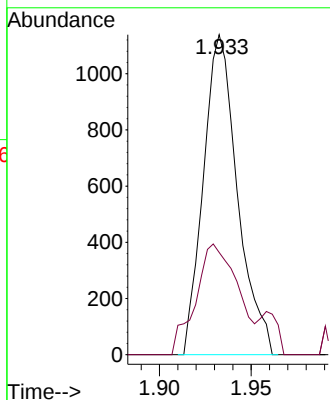
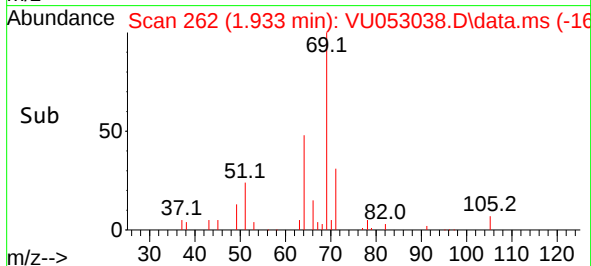
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2023-01



Tgt Ion: 64 Resp: 147
Ion Ratio Lower Upper
64 100
66 32.0 23.9 44.3

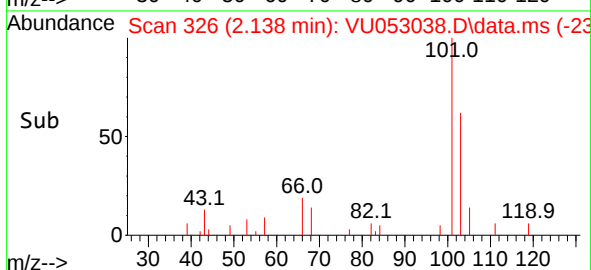
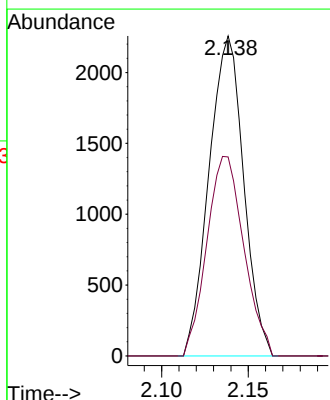
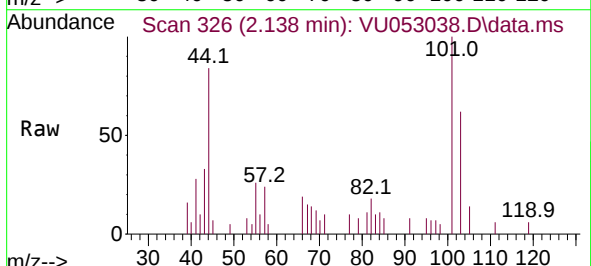
Manual Integrations
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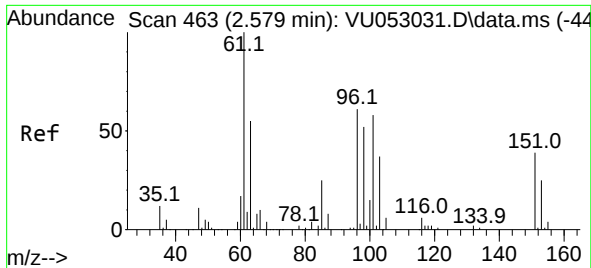
Reviewed By :Krupa Patel 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023



#9
Trichlorofluoromethane
Concen: 0.221 ug/L
RT: 2.138 min Scan# 326
Delta R.T. -0.000 min
Lab File: VU053038.D
Acq: 10 Feb 2023 15:16

Tgt Ion:101 Resp: 3139
Ion Ratio Lower Upper
101 100
103 66.6 52.6 78.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.256 ug/L

RT: 2.579 min Scan# 4

Delta R.T. -0.000 min

Lab File: VU053038.D

Acq: 10 Feb 2023 15:16

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2023-01

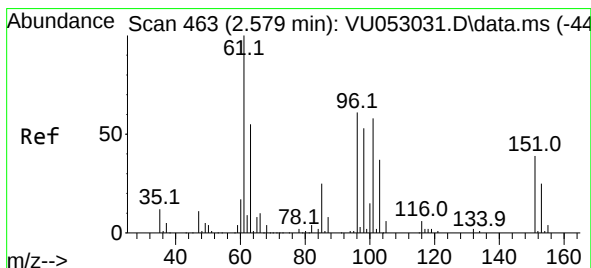
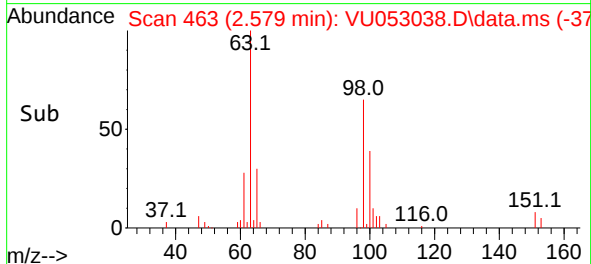
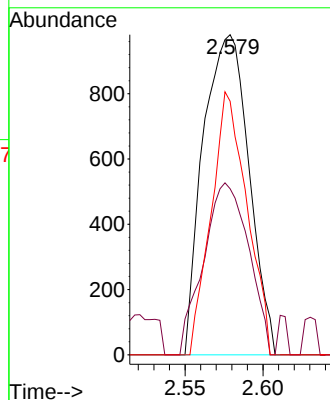
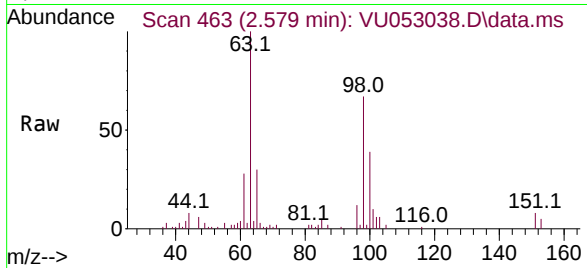
Tgt Ion:101 Resp: 200
 Ion Ratio Lower Upper
 101 100
 85 53.1 36.8 55.2
 151 64.3 53.8 80.8

Manual Integrations

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#12

1,1-Dichloroethene

Concen: 0.293 ug/L

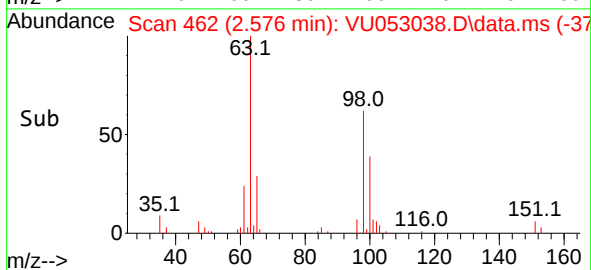
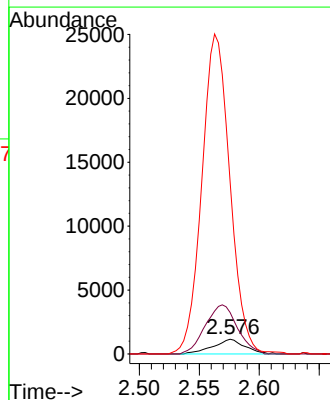
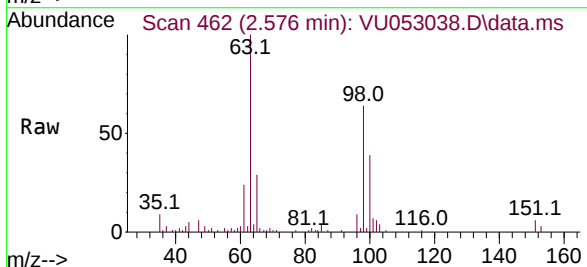
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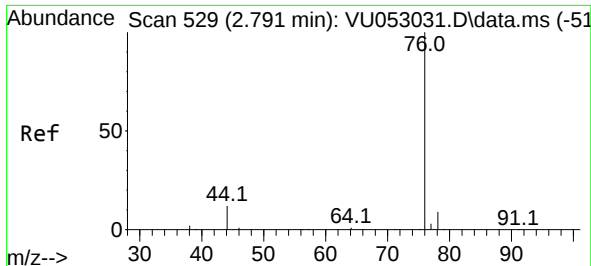
Delta R.T. -0.003 min

Lab File: VU053038.D

Acq: 10 Feb 2023 15:16

Tgt Ion: 96 Resp: 2122
 Ion Ratio Lower Upper
 96 100
 61 282.4 115.1 213.7#
 63 1171.1 63.6 118.0#





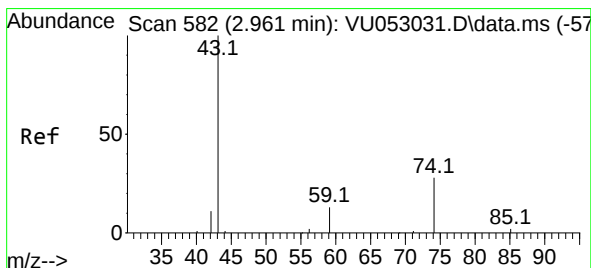
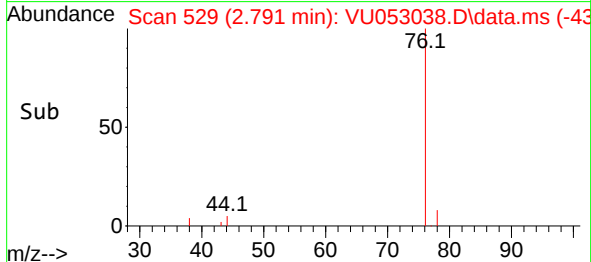
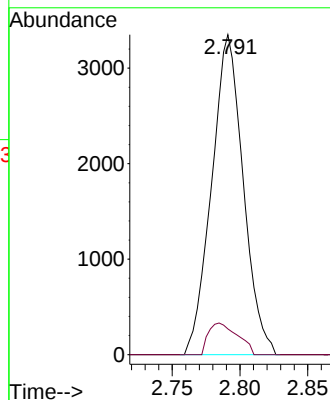
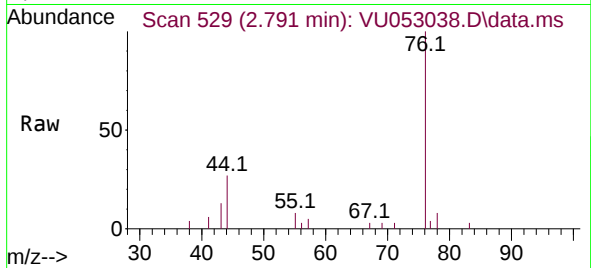
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Carbon disulfide
Concen: 0.248 ug/L
RT: 2.791 min Scan# 51
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 5430
Ion Ratio Lower Upper
76 100
78 8.1 7.5 11.3

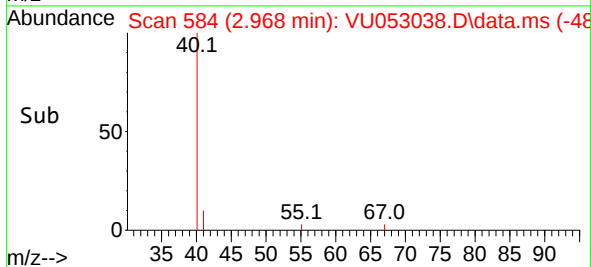
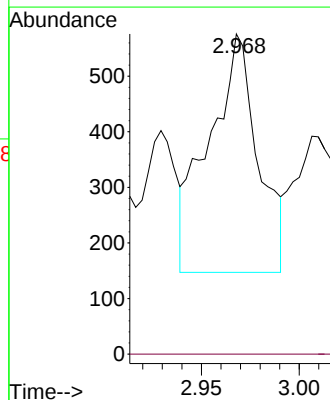
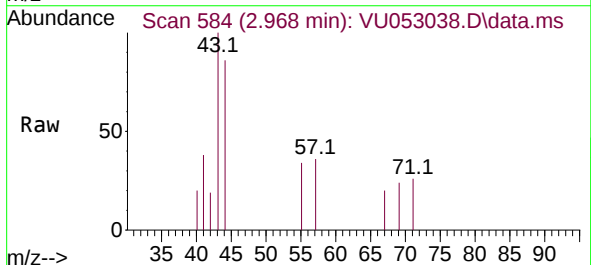
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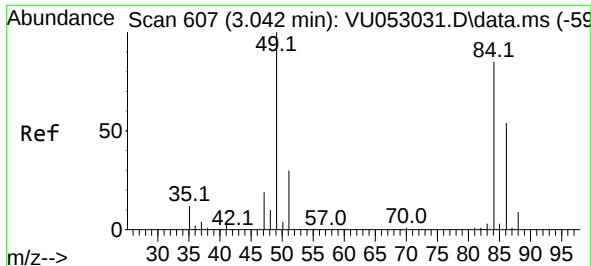
Reviewed By :Krupa Patel 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023



#15
Methyl Acetate
Concen: 0.238 ug/L m
RT: 2.968 min Scan# 584
Delta R.T. 0.006 min
Lab File: VU053038.D
Acq: 10 Feb 2023 15:16

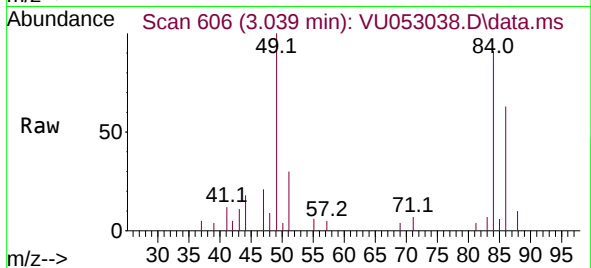
Tgt Ion: 43 Resp: 750
Ion Ratio Lower Upper
43 100
74 0.0 14.3 21.5#





#16
Methylene chloride
Concen: 0.639 ug/L
RT: 3.039 min Scan# 607
Delta R.T. -0.003 min
Lab File: VU053038.D
Acq: 10 Feb 2023 15:16

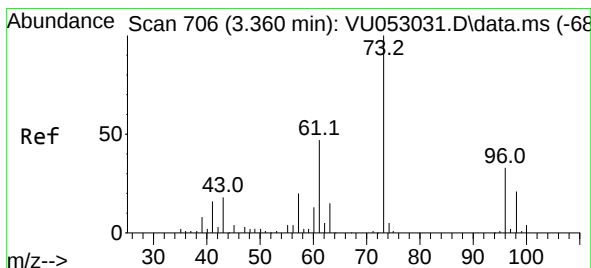
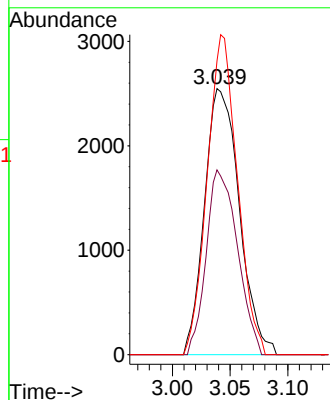
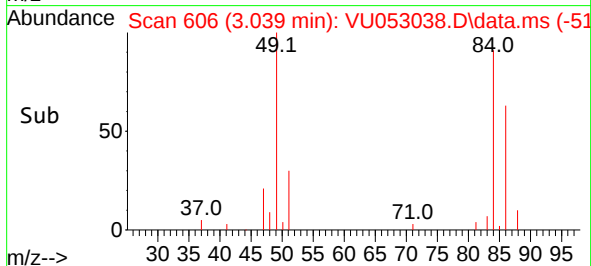
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2023-01



Tgt Ion: 84 Resp: 5352
Ion Ratio Lower Upper
84 100
86 69.5 44.9 83.3
49 110.4 82.6 153.4

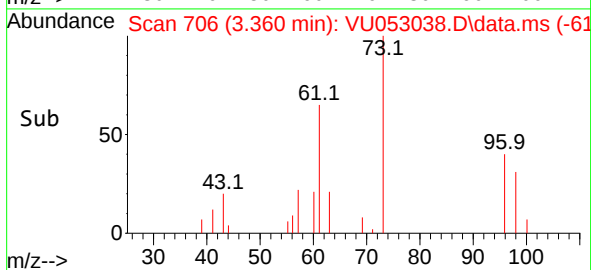
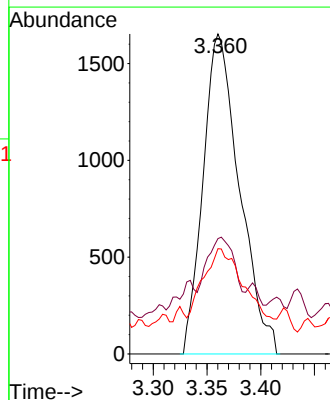
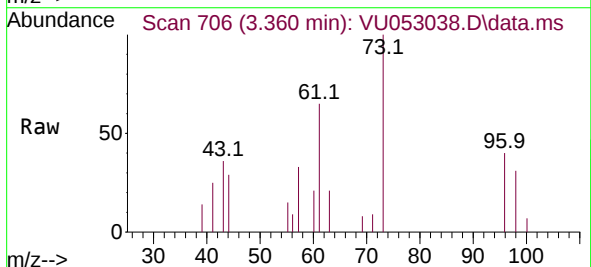
Manual Integrations
APPROVED

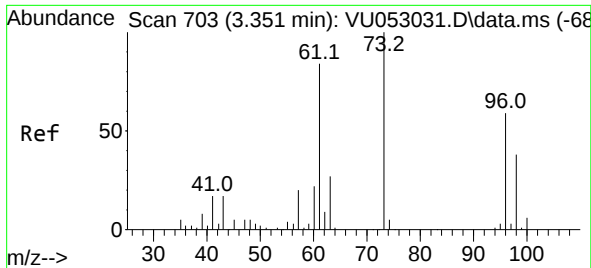
Reviewed By :Krupa Patel 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023



#17
Methyl tert-butyl Ether
Concen: 0.198 ug/L
RT: 3.360 min Scan# 706
Delta R.T. -0.000 min
Lab File: VU053038.D
Acq: 10 Feb 2023 15:16

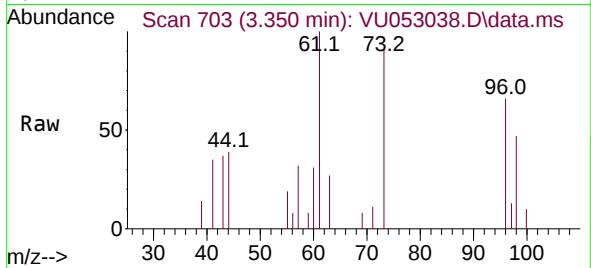
Tgt Ion: 73 Resp: 3884
Ion Ratio Lower Upper
73 100
43 19.3 14.6 21.8
57 25.9 17.1 25.7#





#18
trans-1,2-Dichloroethene
Concen: 0.233 ug/L
RT: 3.350 min Scan# 703
Delta R.T. -0.000 min
Lab File: VU053038.D
Acq: 10 Feb 2023 15:16

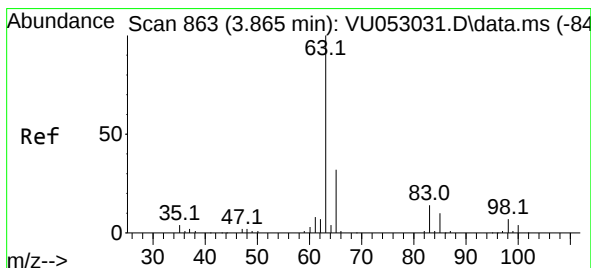
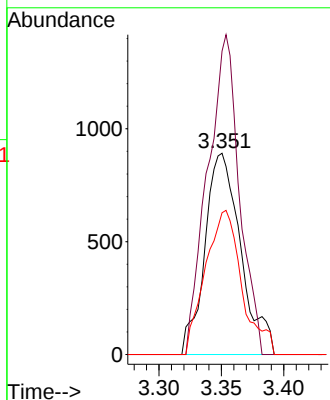
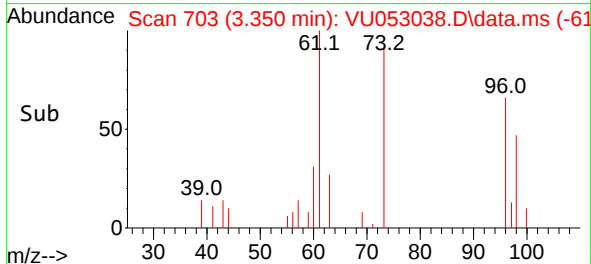
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2023-01



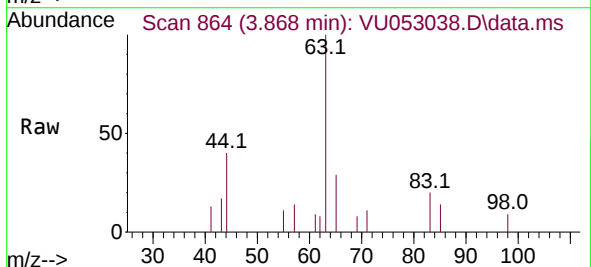
Tgt Ion: 96 Resp: 1780
Ion Ratio Lower Upper
96 100
61 150.7 99.5 184.9
98 70.4 44.8 83.2

Manual Integrations
APPROVED

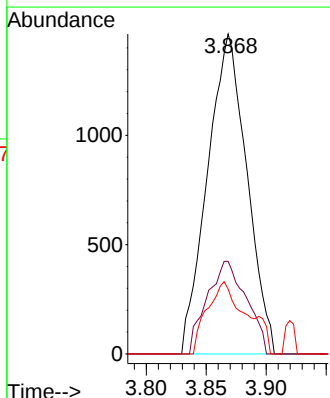
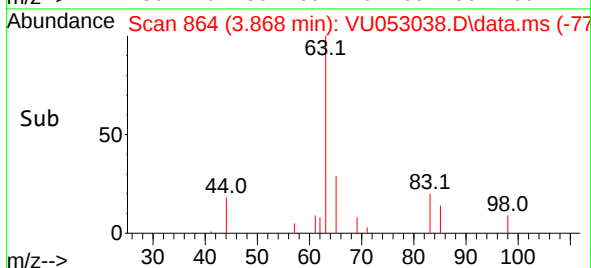
Reviewed By :Krupa Patel 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023

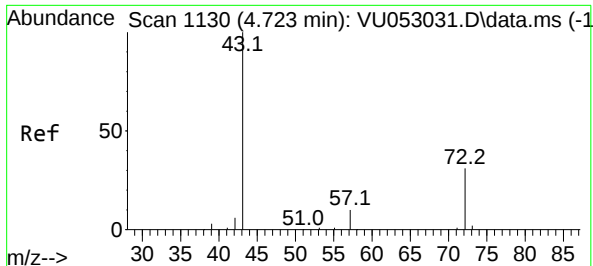


#19
1,1-Dichloroethane
Concen: 0.231 ug/L
RT: 3.868 min Scan# 864
Delta R.T. 0.003 min
Lab File: VU053038.D
Acq: 10 Feb 2023 15:16



Tgt Ion: 63 Resp: 3338
Ion Ratio Lower Upper
63 100
65 29.0 22.3 41.3
83 20.3 9.8 18.2#





#21

2-Butanone

Concen: 2.823 ug/L m

RT: 4.727 min Scan# 1130

Delta R.T. 0.003 min

Lab File: VU053038.D

Acq: 10 Feb 2023 15:16

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2023-01

Tgt Ion: 43 Resp: 5370

Ion Ratio Lower Upper

43 100

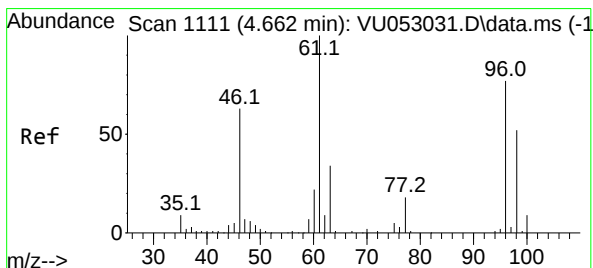
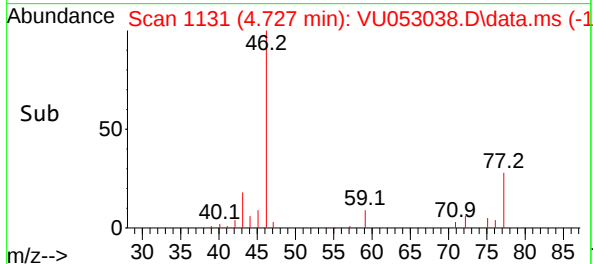
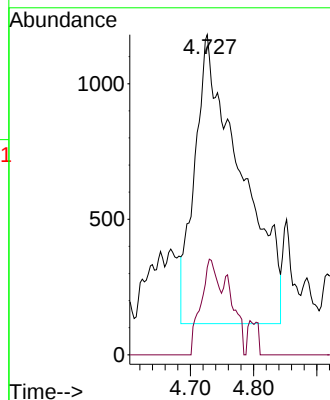
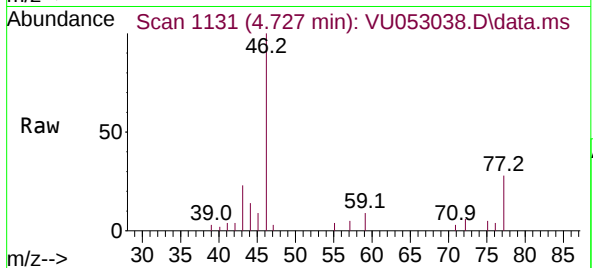
72 12.9 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/13/2023

Supervised By :Mahesh Dadoda 02/13/2023



#22

cis-1,2-Dichloroethene

Concen: 0.240 ug/L

RT: 4.666 min Scan# 1112

Delta R.T. 0.003 min

Lab File: VU053038.D

Acq: 10 Feb 2023 15:16

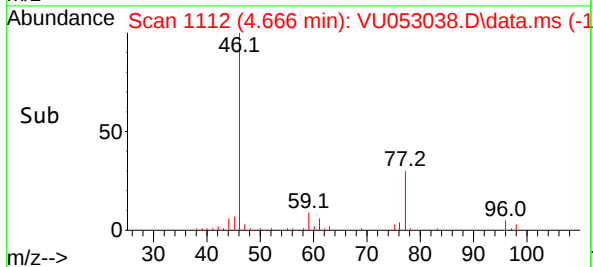
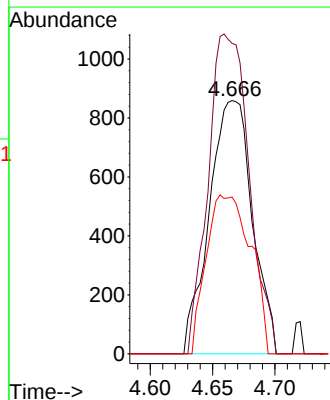
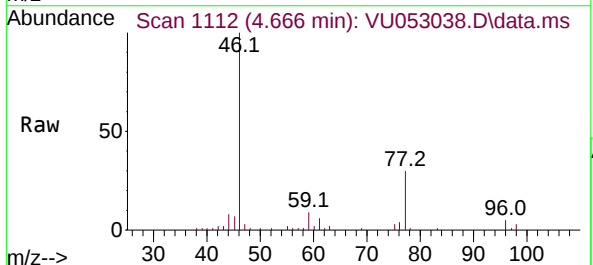
Tgt Ion: 96 Resp: 2074

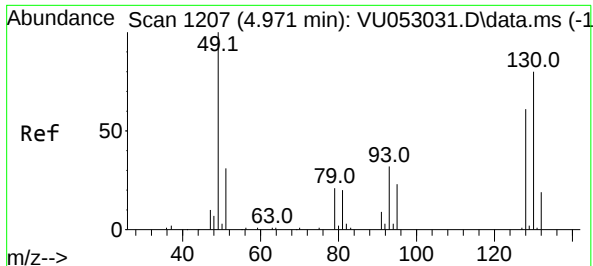
Ion Ratio Lower Upper

96 100

61 122.6 90.9 168.9

98 61.9 47.0 87.4





#23

Bromochloromethane

Concen: 0.190 ug/L

RT: 4.968 min Scan# 1206

Delta R.T. -0.003 min

Lab File: VU053038.D

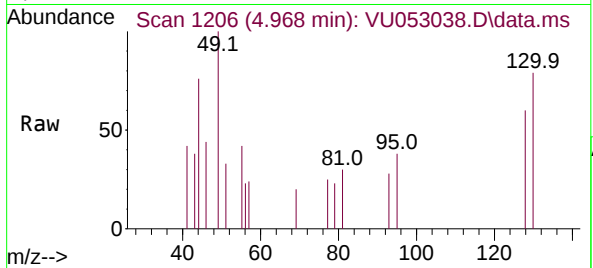
Acq: 10 Feb 2023 15:16

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2023-01



Tgt Ion:128 Resp: 650

Ion Ratio Lower Upper

128 100

49 166.1 114.2 212.0

130 130.7 91.6 170.2

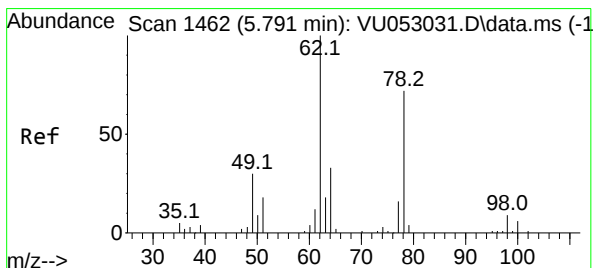
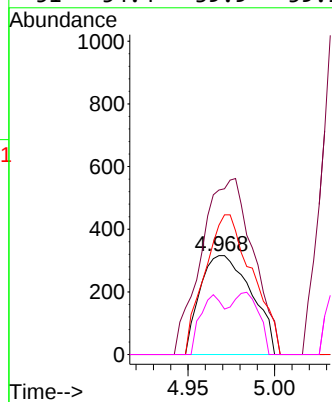
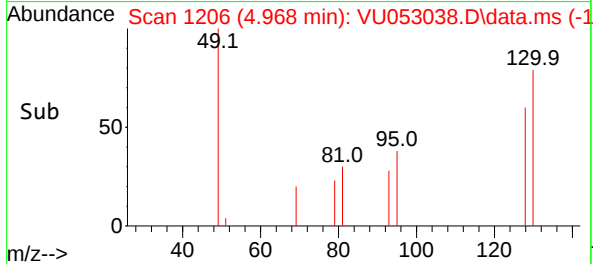
51 54.4 39.9 59.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/13/2023

Supervised By :Mahesh Dadoda 02/13/2023



#27

1,2-Dichloroethane

Concen: 0.225 ug/L

RT: 5.794 min Scan# 1463

Delta R.T. 0.003 min

Lab File: VU053038.D

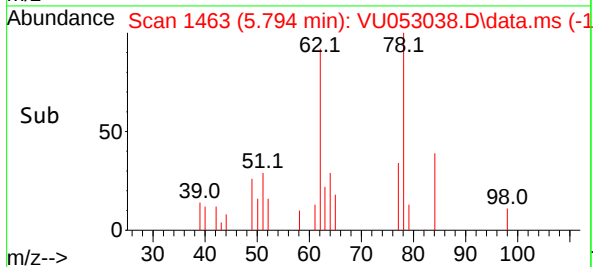
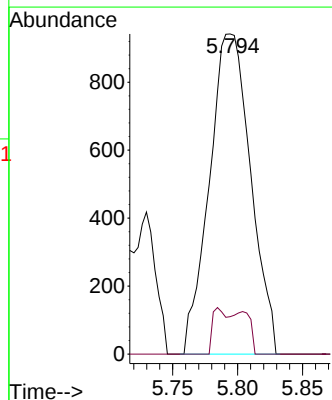
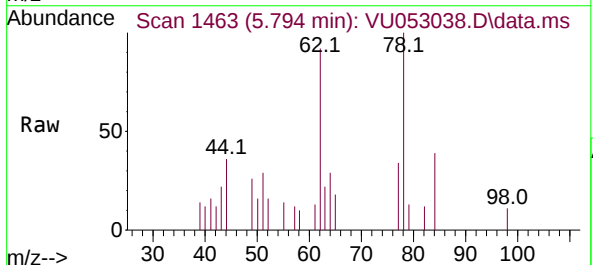
Acq: 10 Feb 2023 15:16

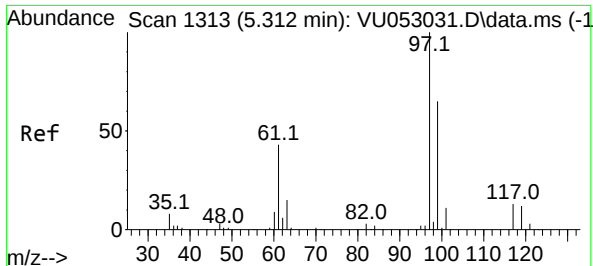
Tgt Ion: 62 Resp: 2086

Ion Ratio Lower Upper

62 100

98 11.7 7.1 10.7#





#29

1,1,1-Trichloroethane

Concen: 0.248 ug/L

RT: 5.305 min Scan# 1311

Delta R.T. -0.006 min

Lab File: VU053038.D

Acq: 10 Feb 2023 15:16

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2023-01

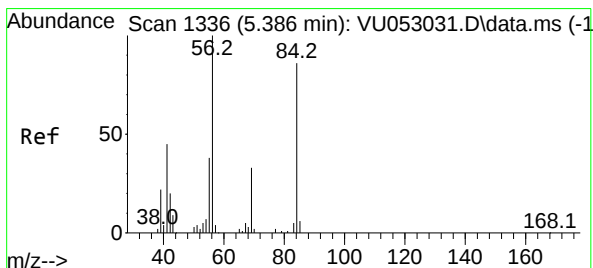
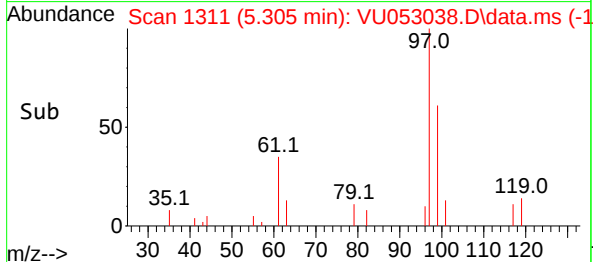
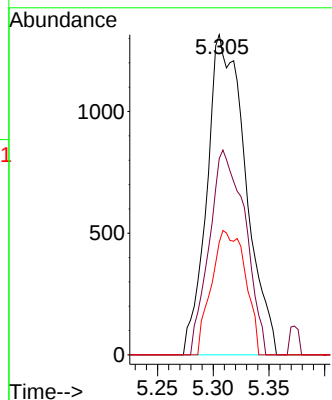
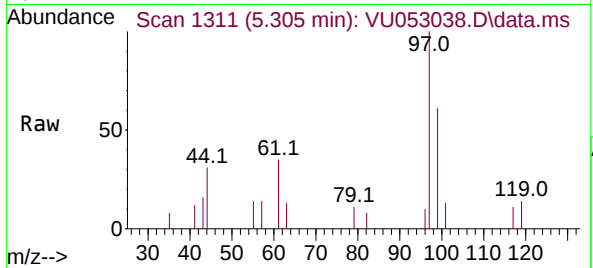
Tgt Ion: 97	Resp: 315
Ion Ratio	Lower Upper
97 100	
99 59.7	51.0 76.6
61 34.0	34.2 51.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/13/2023

Supervised By :Mahesh Dadoda 02/13/2023



#30

Cyclohexane

Concen: 0.243 ug/L

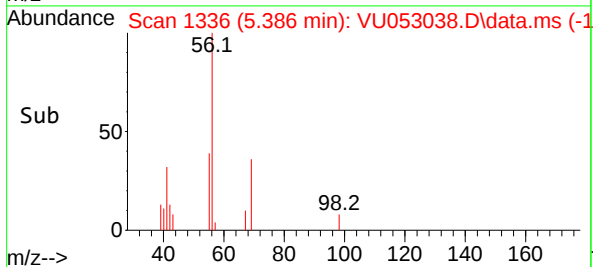
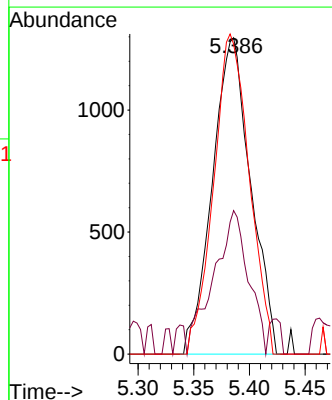
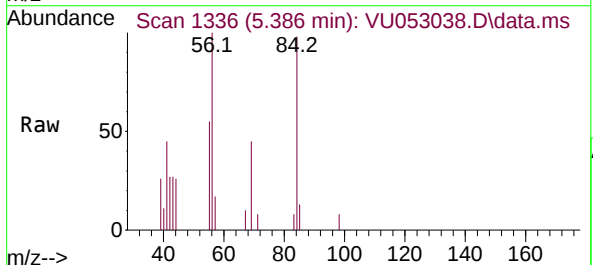
RT: 5.386 min Scan# 1336

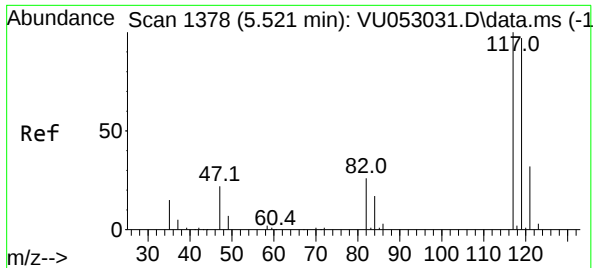
Delta R.T. -0.000 min

Lab File: VU053038.D

Acq: 10 Feb 2023 15:16

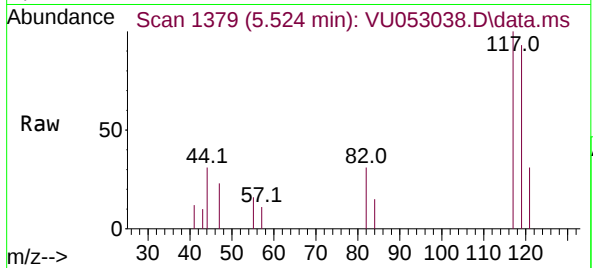
Tgt Ion: 56	Resp: 3099
Ion Ratio	Lower Upper
56 100	
69 41.2	27.0 40.6
84 94.1	70.8 106.2





#31
Carbon tetrachloride
Concen: 0.216 ug/L
RT: 5.524 min Scan# 117
Delta R.T. 0.003 min
Lab File: VU053038.D
Acq: 10 Feb 2023 15:16

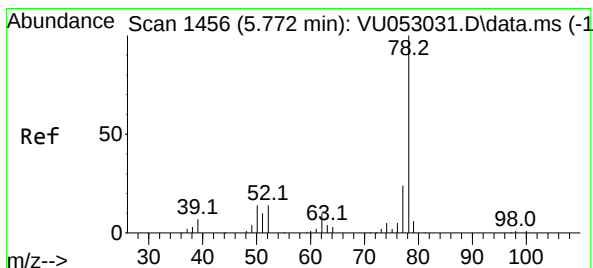
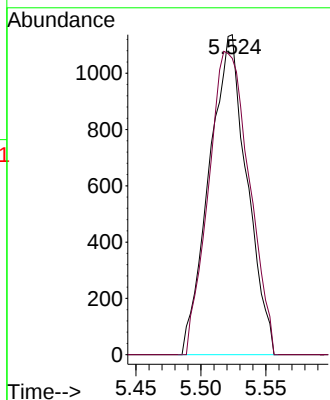
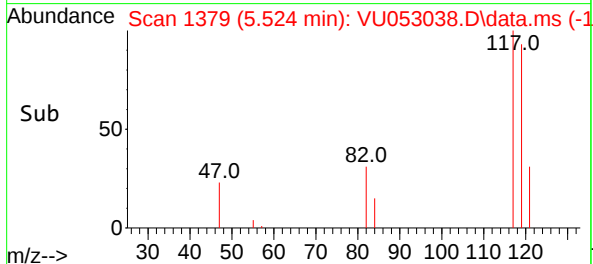
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2023-01



Tgt Ion:117 Resp: 229
Ion Ratio Lower Upper
117 100
119 102.5 75.4 113.0

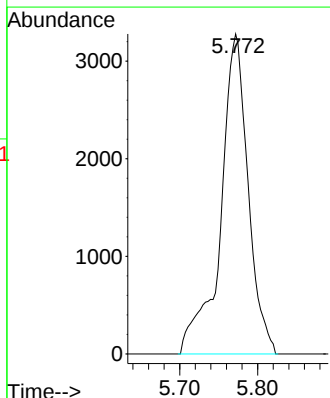
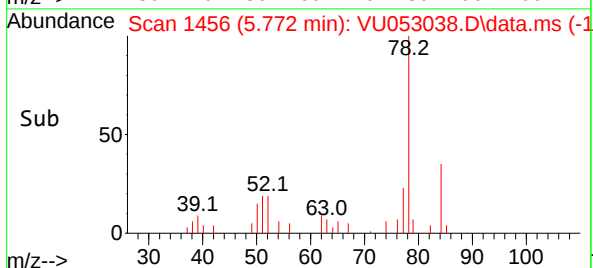
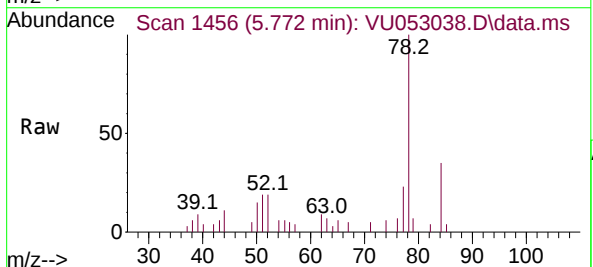
Manual Integrations
APPROVED

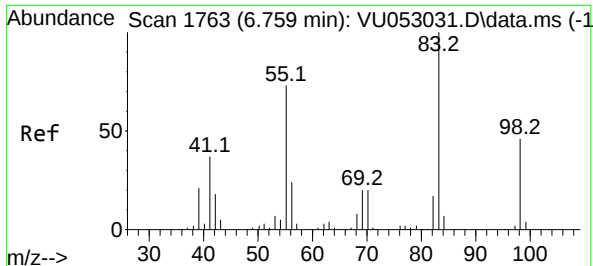
Reviewed By :Krupa Patel 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023



#33
Benzene
Concen: 0.262 ug/L
RT: 5.772 min Scan# 1456
Delta R.T. -0.000 min
Lab File: VU053038.D
Acq: 10 Feb 2023 15:16

Tgt Ion: 78 Resp: 8038





#35

Methylcyclohexane

Concen: 0.252 ug/L

RT: 6.756 min Scan# 1762

Delta R.T. -0.003 min

Lab File: VU053038.D

Acq: 10 Feb 2023 15:16

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2023-01

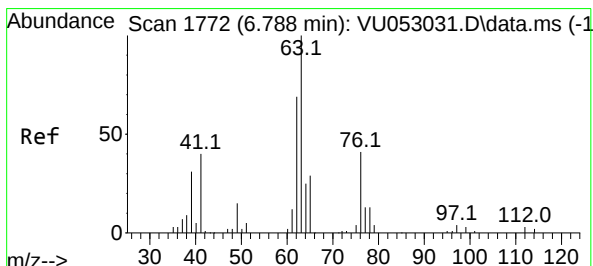
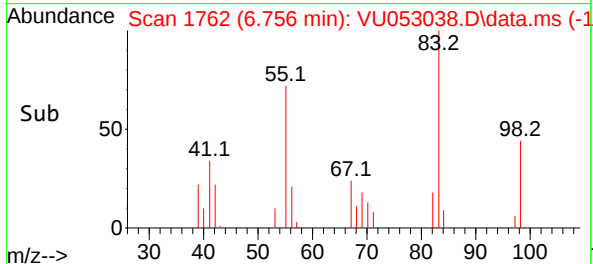
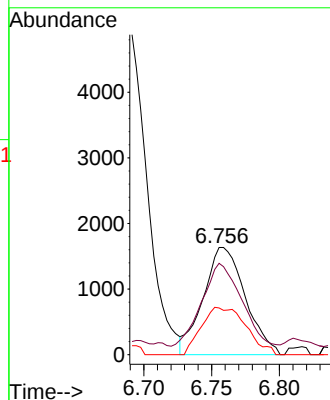
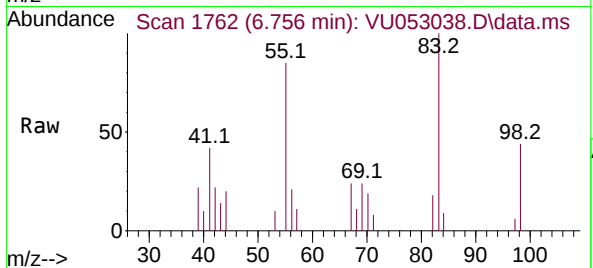
Tgt Ion: 83	Resp: 3524
Ion Ratio	Lower Upper
83 100	
55 72.0	57.9 86.9
98 47.0	36.4 54.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/13/2023

Supervised By :Mahesh Dadoda 02/13/2023



#37

1,2-Dichloropropane

Concen: 0.252 ug/L

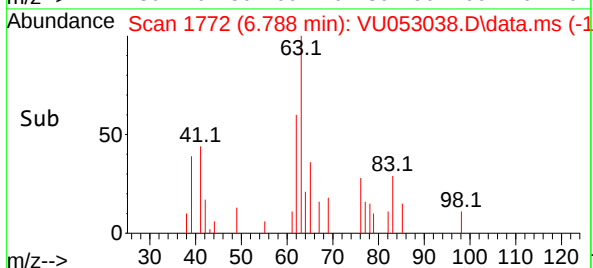
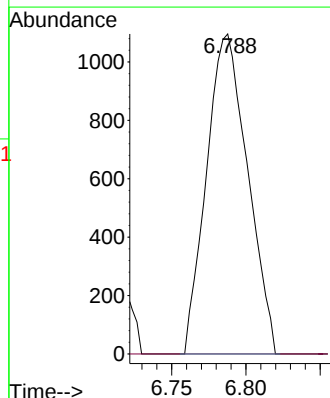
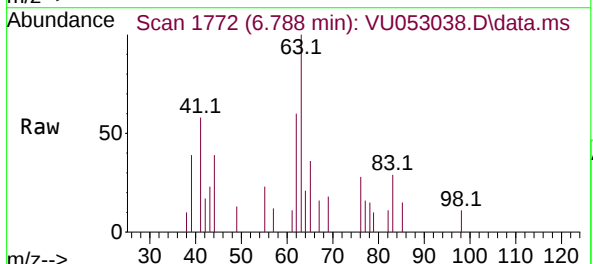
RT: 6.788 min Scan# 1772

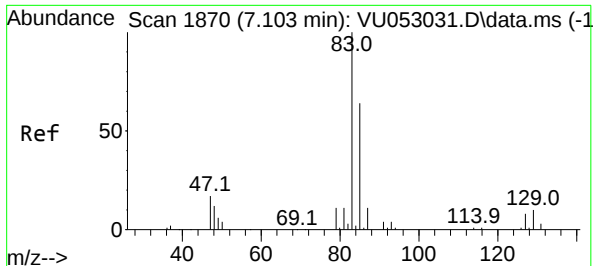
Delta R.T. -0.000 min

Lab File: VU053038.D

Acq: 10 Feb 2023 15:16

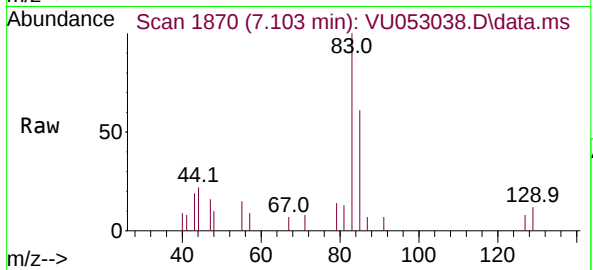
Tgt Ion: 63	Resp: 2111
Ion Ratio	Lower Upper
63 100	
112 0.0	2.7 4.1#





#38
Bromodichloromethane
Concen: 0.246 ug/L
RT: 7.103 min Scan# 1870
Delta R.T. -0.000 min
Lab File: VU053038.D
Acq: 10 Feb 2023 15:16

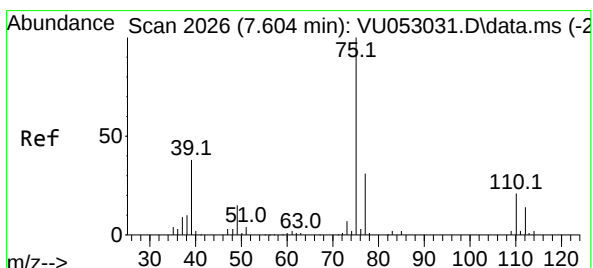
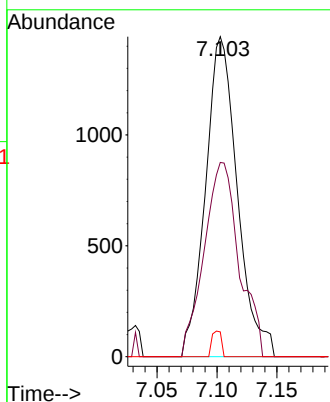
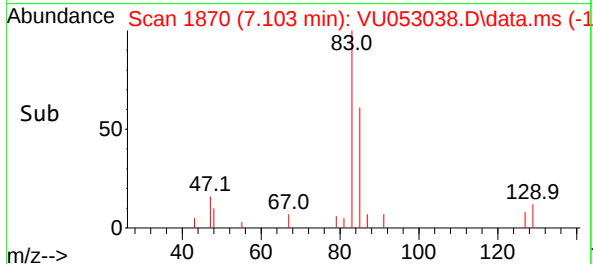
Instrument : MSVOA_U
ClientSampleId : VU053038.D
MDL-WATER-QT1-2023-01



Tgt Ion: 83 Resp: 266
Ion Ratio Lower Upper
83 100
85 60.7 44.7 82.9
127 7.8 6.3 9.5

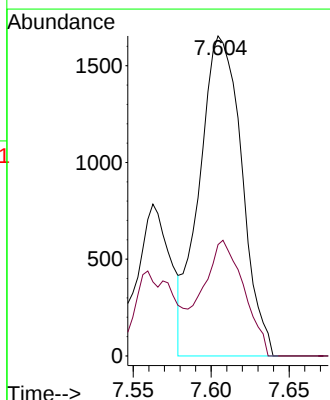
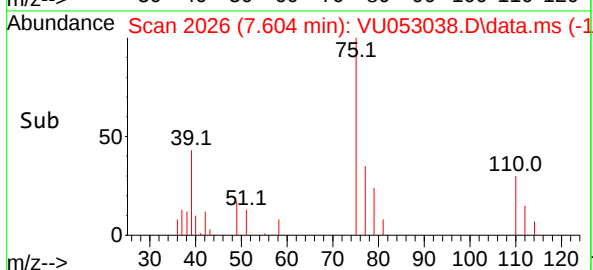
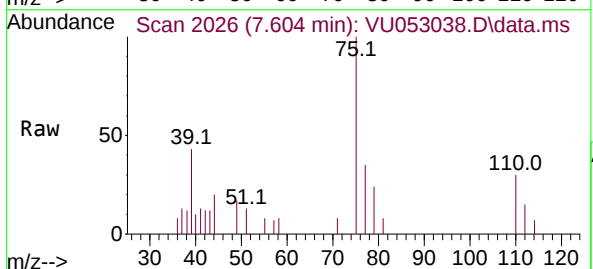
Manual Integrations
APPROVED

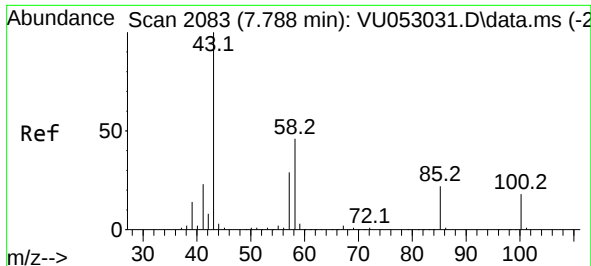
Reviewed By :Krupa Patel 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023



#39
cis-1,3-Dichloropropene
Concen: 0.235 ug/L
RT: 7.604 min Scan# 2026
Delta R.T. -0.000 min
Lab File: VU053038.D
Acq: 10 Feb 2023 15:16

Tgt Ion: 75 Resp: 3135
Ion Ratio Lower Upper
75 100
77 34.8 21.6 40.0





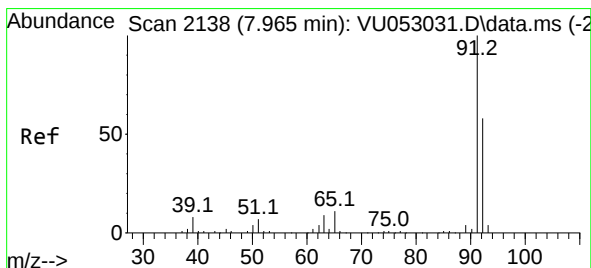
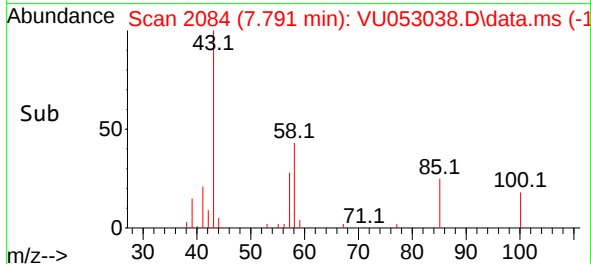
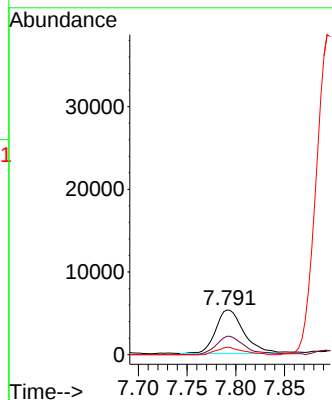
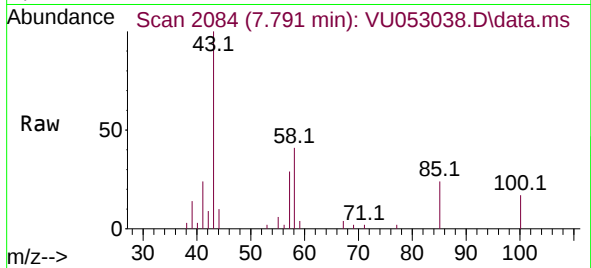
#40
4-Methyl-2-pentanone
Concen: 2.440 ug/L
RT: 7.791 min Scan# 2083
Delta R.T. 0.003 min
Lab File: VU053038.D
Acq: 10 Feb 2023 15:16

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2023-01

Tgt Ion: 43 Resp: 1065
Ion Ratio Lower Upper
43 100
58 43.9 35.9 53.9
100 0.0 13.8 20.6

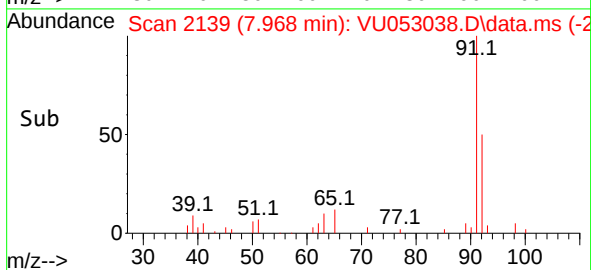
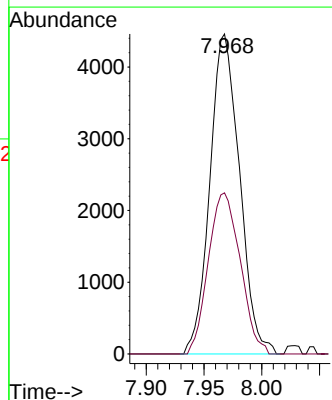
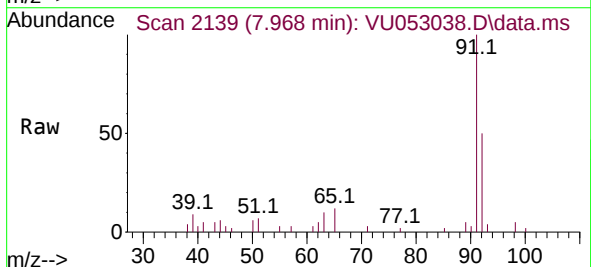
Manual Integrations
APPROVED

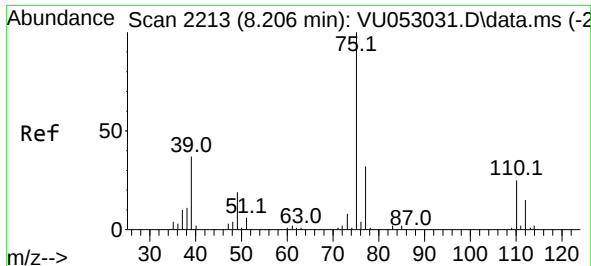
Reviewed By :Krupa Patel 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023



#42
Toluene
Concen: 0.239 ug/L
RT: 7.968 min Scan# 2139
Delta R.T. 0.003 min
Lab File: VU053038.D
Acq: 10 Feb 2023 15:16

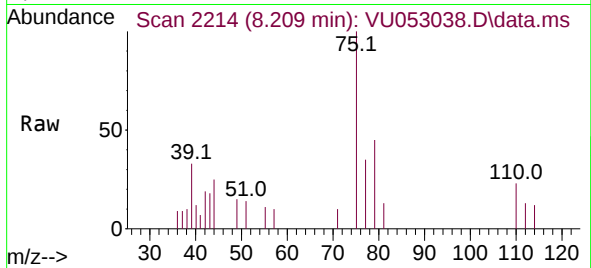
Tgt Ion: 91 Resp: 7977
Ion Ratio Lower Upper
91 100
92 50.3 40.5 75.3





#44
trans-1,3-Dichloropropene
Concen: 0.242 ug/L
RT: 8.209 min Scan# 211
Delta R.T. 0.003 min
Lab File: VU053038.D
Acq: 10 Feb 2023 15:16

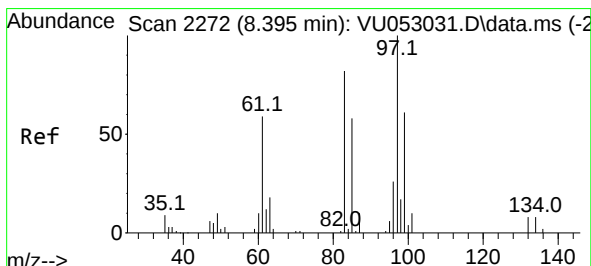
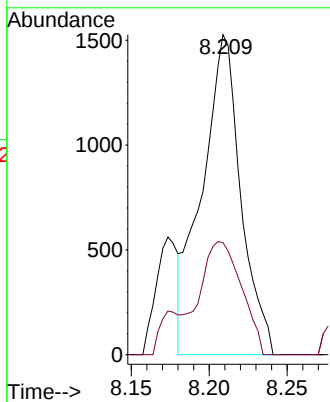
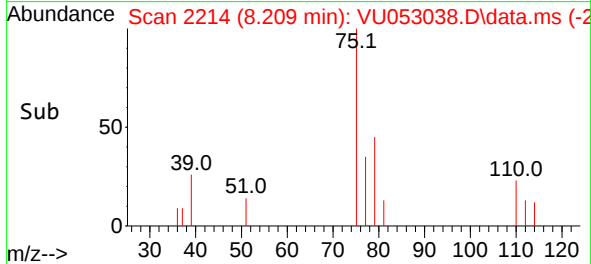
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2023-01



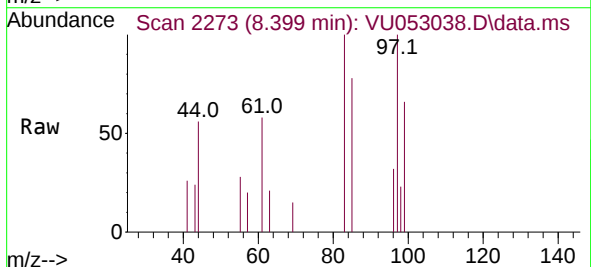
Tgt Ion: 75 Resp: 2658
Ion Ratio Lower Upper
75 100
77 35.0 22.3 41.3

Manual Integrations
APPROVED

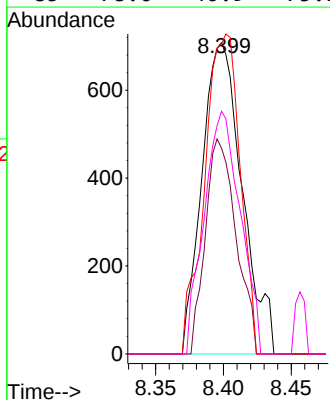
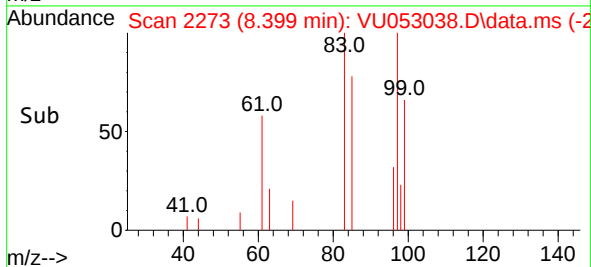
Reviewed By :Krupa Patel 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023

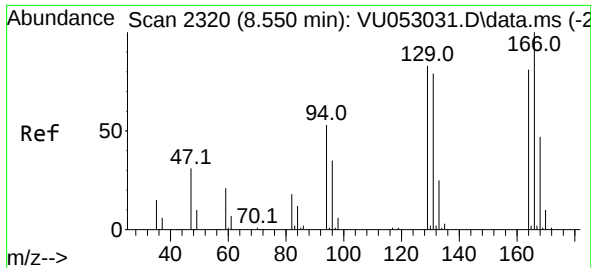


#45
1,1,2-Trichloroethane
Concen: 0.242 ug/L
RT: 8.399 min Scan# 2273
Delta R.T. 0.003 min
Lab File: VU053038.D
Acq: 10 Feb 2023 15:16



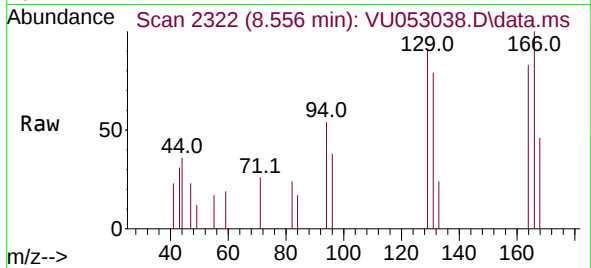
Tgt Ion: 97 Resp: 1461
Ion Ratio Lower Upper
97 100
99 66.1 43.0 79.8
83 99.6 58.0 107.8
85 78.0 40.9 75.9#





#47
Tetrachloroethene
Concen: 0.220 ug/L
RT: 8.556 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU053038.D
Acq: 10 Feb 2023 15:16

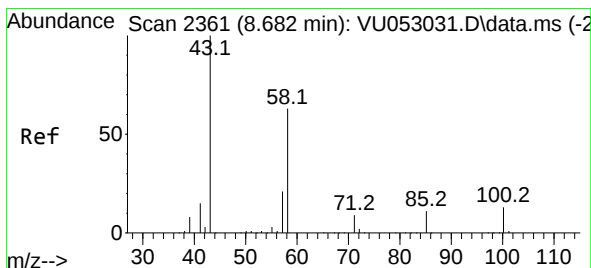
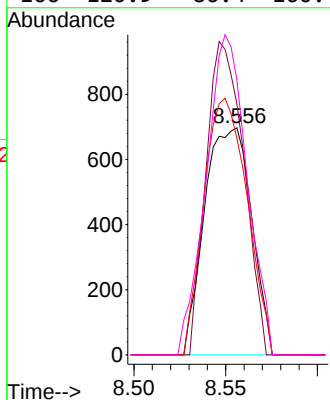
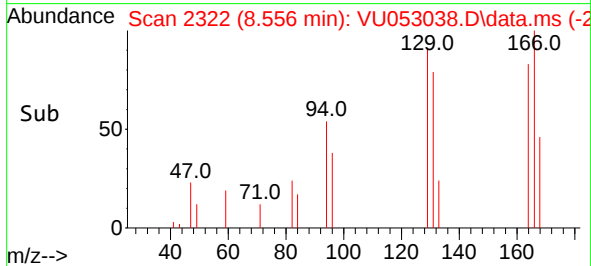
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2023-01



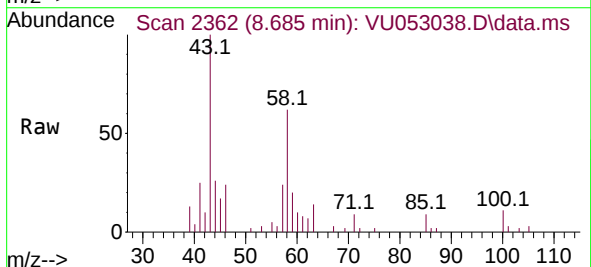
Tgt Ion:164 Resp: 123
Ion Ratio Lower Upper
164 100
129 110.5 71.7 133.1
131 95.4 67.8 126.0
166 120.9 86.4 160.4

Manual Integrations
APPROVED

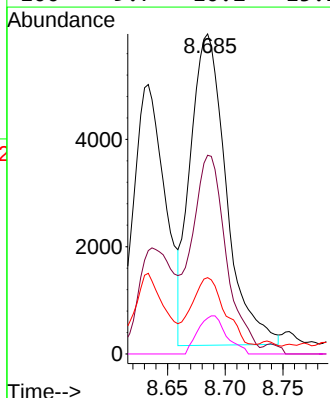
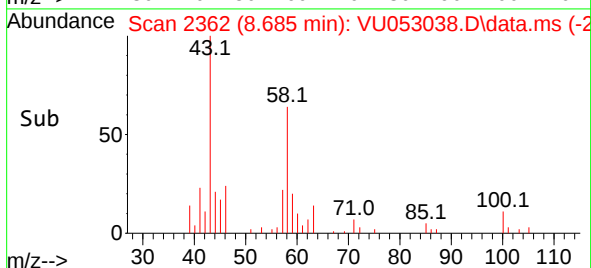
Reviewed By :Krupa Patel 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023

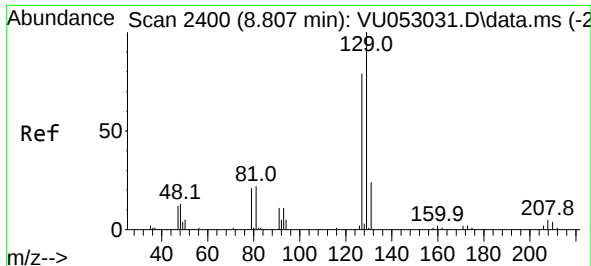


#48
2-Hexanone
Concen: 3.922 ug/L
RT: 8.685 min Scan# 2362
Delta R.T. 0.003 min
Lab File: VU053038.D
Acq: 10 Feb 2023 15:16



Tgt Ion: 43 Resp: 12569
Ion Ratio Lower Upper
43 100
58 61.7 50.3 75.5
57 21.8 17.4 26.0
100 9.7 10.2 15.2#





#49

Dibromochloromethane

Concen: 0.200 ug/L

RT: 8.807 min Scan# 2400

Delta R.T. -0.000 min

Lab File: VU053038.D

Acq: 10 Feb 2023 15:16

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2023-01

Tgt Ion:129 Resp: 131

Ion Ratio Lower Upper

129 100

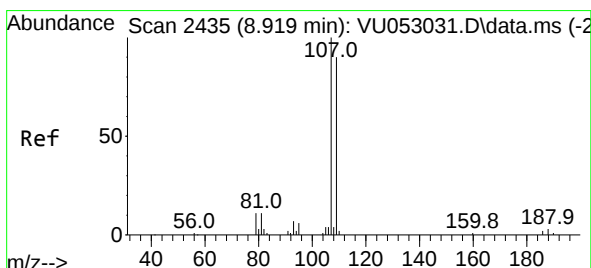
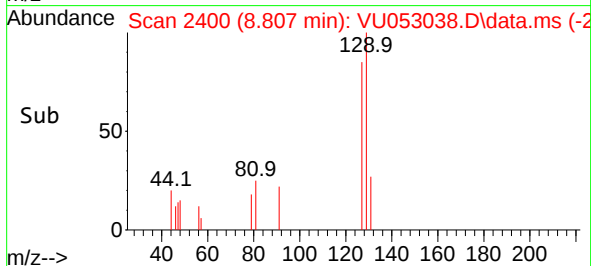
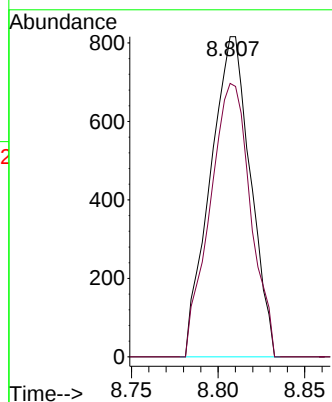
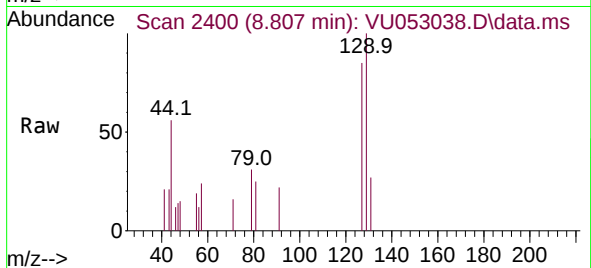
127 85.4 54.9 102.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/13/2023

Supervised By :Mahesh Dadoda 02/13/2023



#50

1,2-Dibromoethane

Concen: 0.257 ug/L

RT: 8.916 min Scan# 2434

Delta R.T. -0.003 min

Lab File: VU053038.D

Acq: 10 Feb 2023 15:16

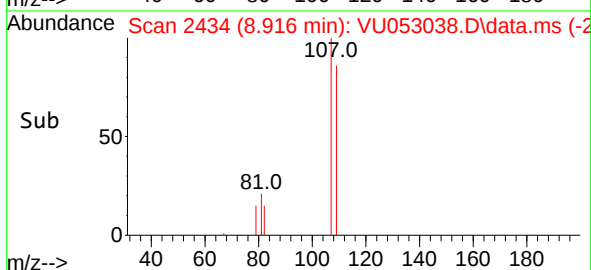
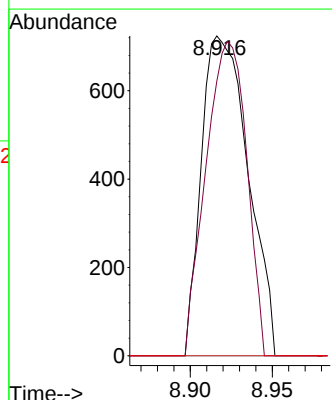
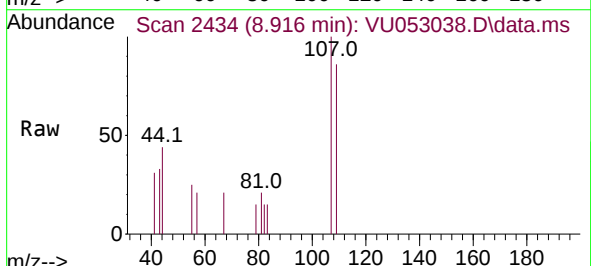
Tgt Ion:107 Resp: 1431

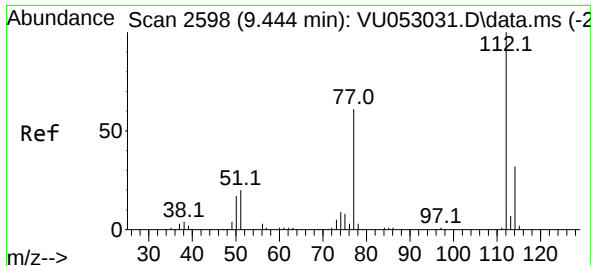
Ion Ratio Lower Upper

107 100

109 85.9 63.1 117.1

188 0.0 2.5 3.7#





#51
Chlorobenzene
Concen: 0.238 ug/L
RT: 9.444 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU053038.D
Acq: 10 Feb 2023 15:16

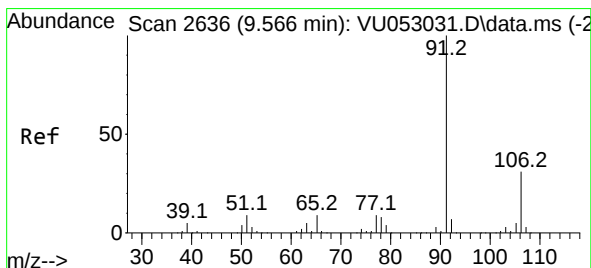
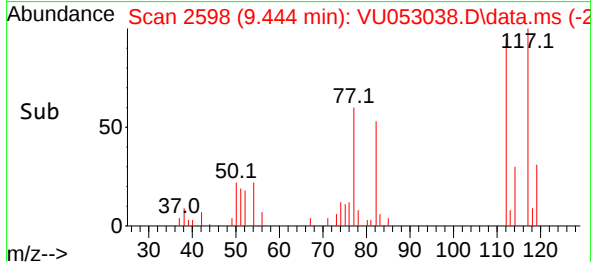
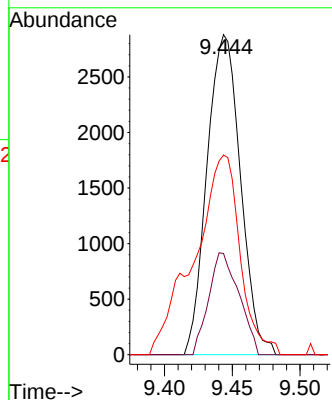
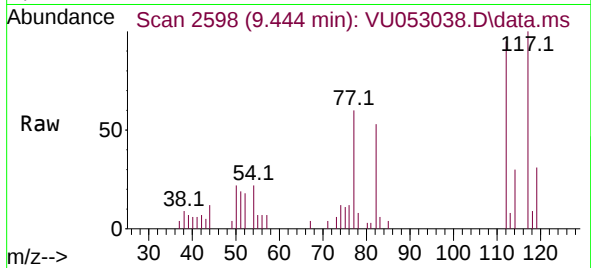
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT1-2023-01

Tgt Ion: 112 Resp: 495

Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.3	41.3
77	62.4	48.9	73.3

Manual Integrations
APPROVED

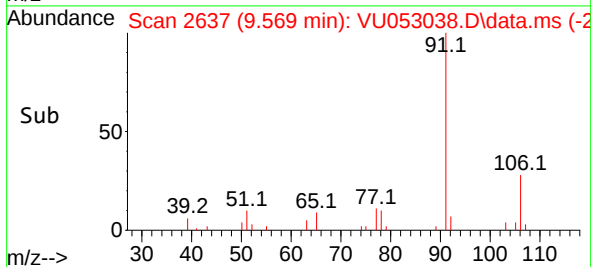
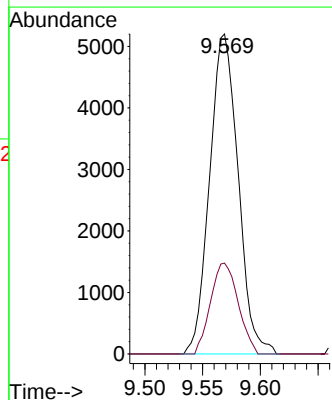
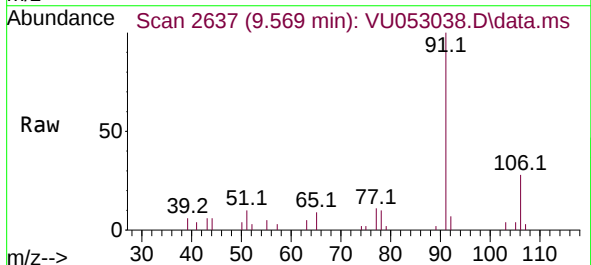
Reviewed By :Krupa Patel 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023

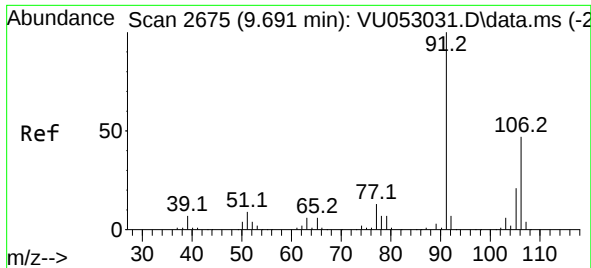


#52
Ethylbenzene
Concen: 0.236 ug/L
RT: 9.569 min Scan# 2637
Delta R.T. 0.003 min
Lab File: VU053038.D
Acq: 10 Feb 2023 15:16

Tgt Ion: 91 Resp: 8938

Ion	Ratio	Lower	Upper
91	100		
106	28.4	21.4	39.8





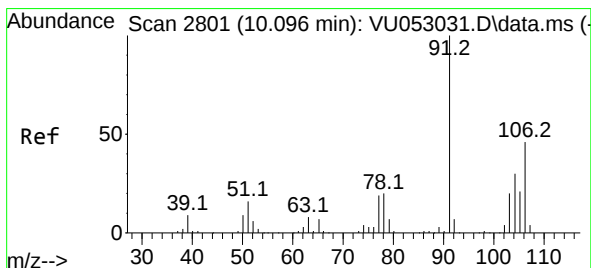
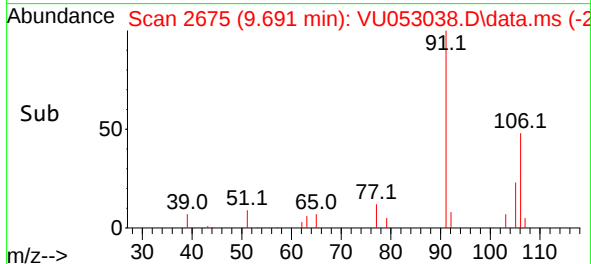
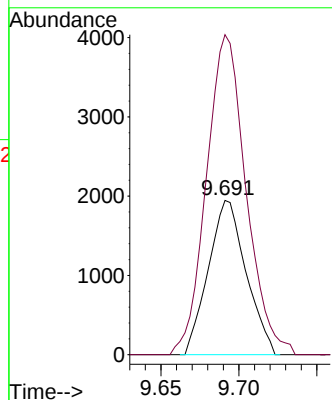
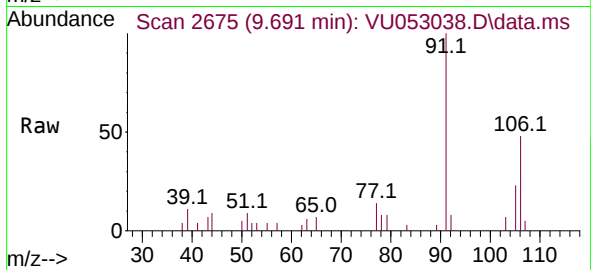
#53
m,p-Xylene
Concen: 0.231 ug/L
RT: 9.691 min Scan# 2675
Delta R.T. -0.000 min
Lab File: VU053038.D
Acq: 10 Feb 2023 15:16

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT1-2023-01

Tgt Ion:106 Resp: 3270
Ion Ratio Lower Upper
106 100
91 207.5 149.9 278.3

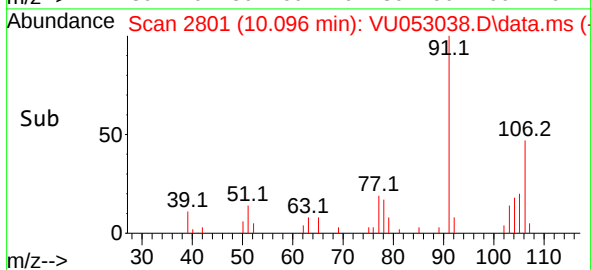
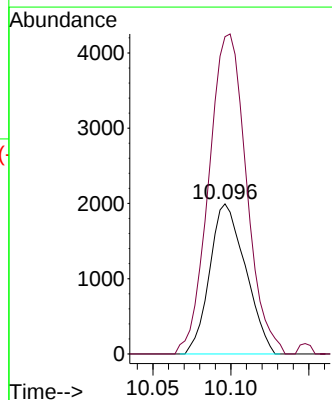
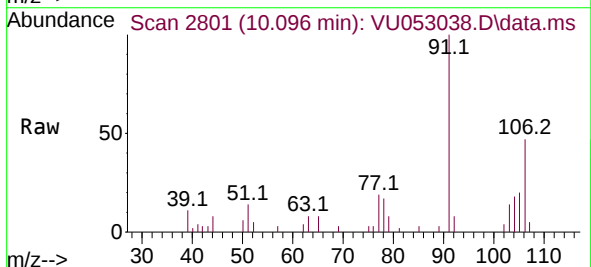
Manual Integrations
APPROVED

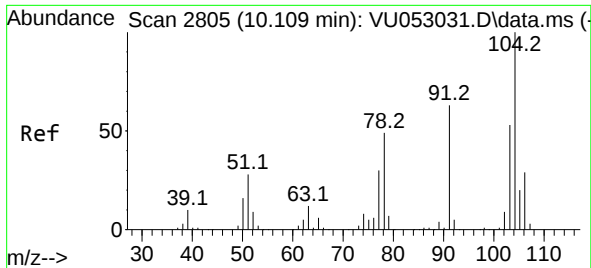
Reviewed By :Krupa Patel 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023



#54
o-Xylene
Concen: 0.232 ug/L
RT: 10.096 min Scan# 2801
Delta R.T. -0.000 min
Lab File: VU053038.D
Acq: 10 Feb 2023 15:16

Tgt Ion:106 Resp: 3181
Ion Ratio Lower Upper
106 100
91 211.4 153.6 285.2





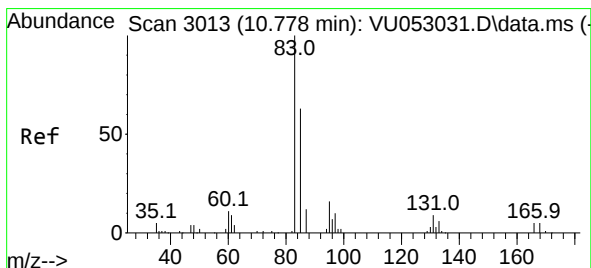
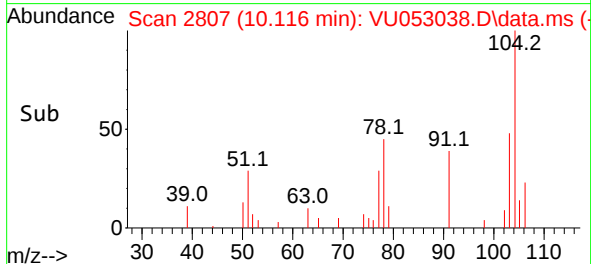
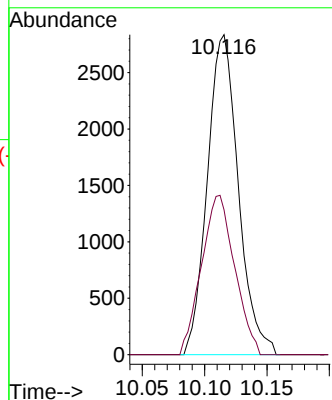
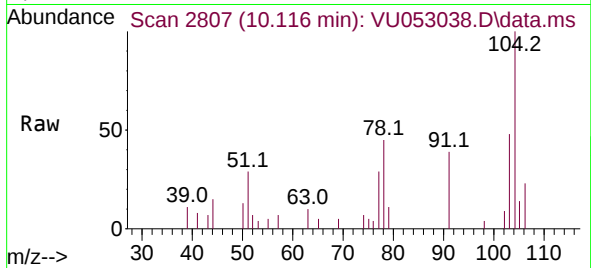
#55
Styrene
Concen: 0.221 ug/L
RT: 10.116 min Scan# 2807
Delta R.T. 0.006 min
Lab File: VU053038.D
Acq: 10 Feb 2023 15:16

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2023-01

Tgt Ion:104 Resp: 491
Ion Ratio Lower Upper
104 100
78 45.2 34.3 63.7

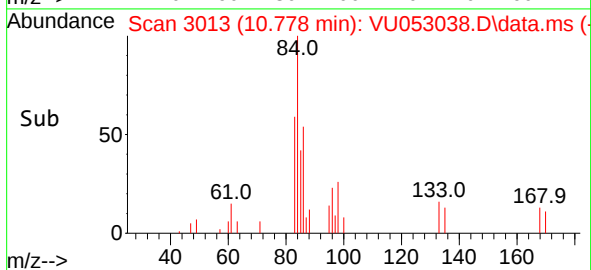
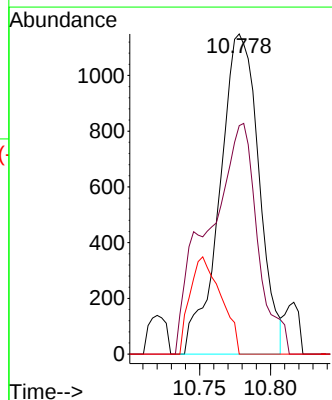
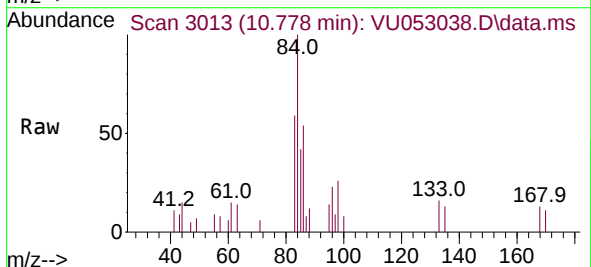
Manual Integrations
APPROVED

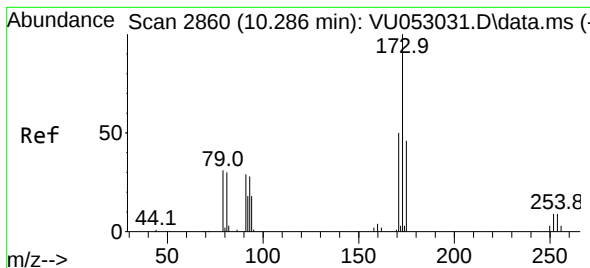
Reviewed By :Krupa Patel 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023



#57
1,1,2,2-Tetrachloroethane
Concen: 0.290 ug/L
RT: 10.778 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU053038.D
Acq: 10 Feb 2023 15:16

Tgt Ion: 83 Resp: 2213
Ion Ratio Lower Upper
83 100
85 71.4 44.7 82.9
131 0.0 7.8 11.6#





#59

Bromoform

Concen: 0.210 ug/L

RT: 10.289 min Scan# 2860

Delta R.T. 0.003 min

Lab File: VU053038.D

Acq: 10 Feb 2023 15:16

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2023-01

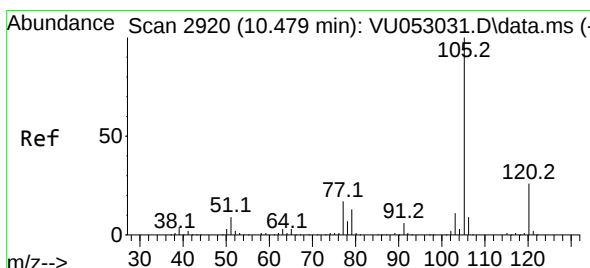
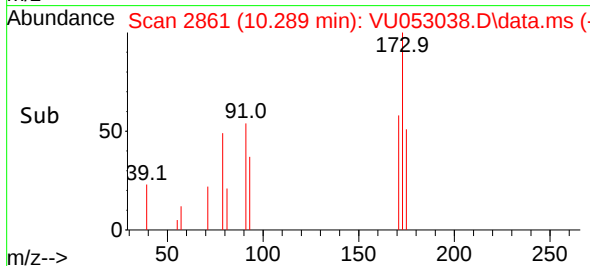
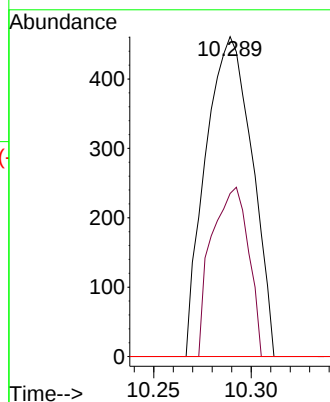
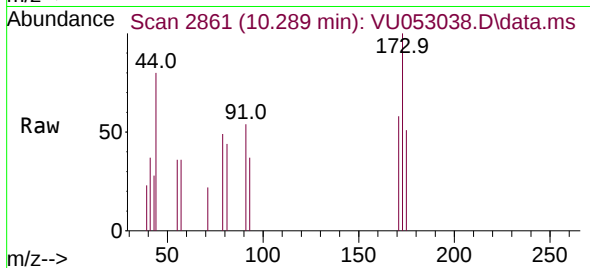
Tgt Ion:173	Resp:	76
Ion Ratio	Lower	Upper
173	100	
175	42.1	38.9 58.3
254	0.0	7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/13/2023

Supervised By :Mahesh Dadoda 02/13/2023



#60

Isopropylbenzene

Concen: 0.230 ug/L

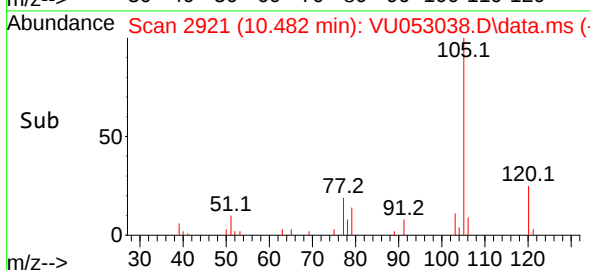
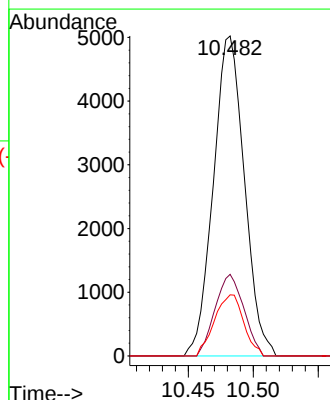
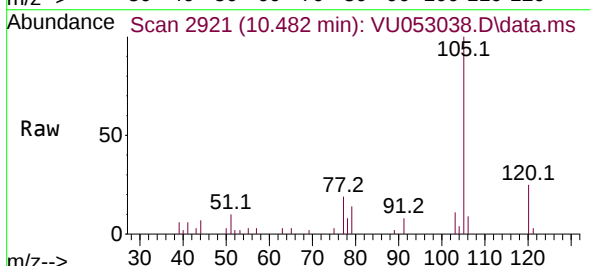
RT: 10.482 min Scan# 2921

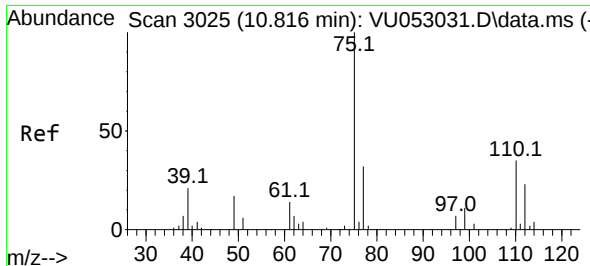
Delta R.T. 0.003 min

Lab File: VU053038.D

Acq: 10 Feb 2023 15:16

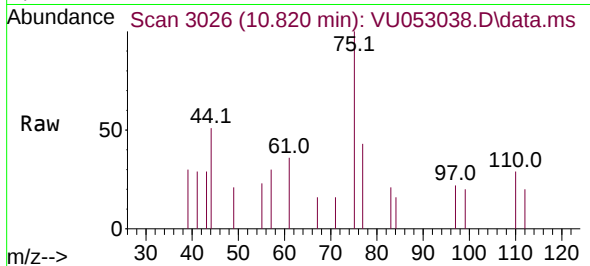
Tgt Ion:105	Resp:	8336
Ion Ratio	Lower	Upper
105	100	
120	23.5	20.6 31.0
77	17.9	13.0 19.6





#61
1,2,3-Trichloropropane
Concen: 0.233 ug/L
RT: 10.820 min Scan# 3025
Delta R.T. 0.003 min
Lab File: VU053038.D
Acq: 10 Feb 2023 15:16

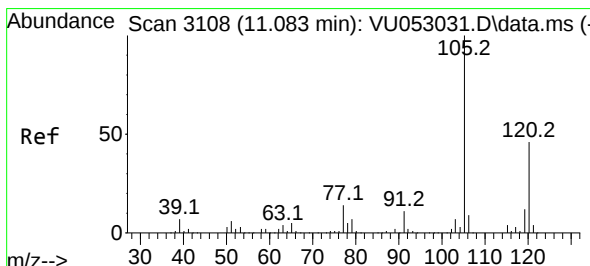
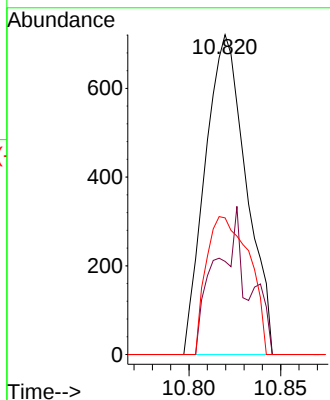
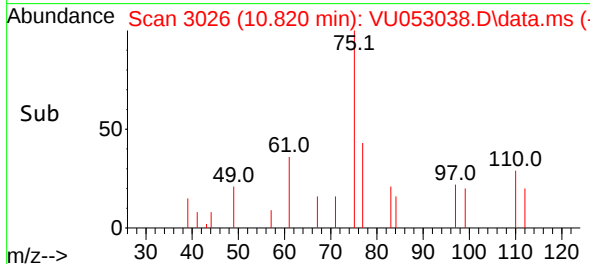
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2023-01



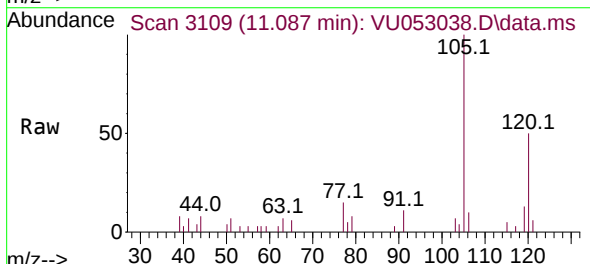
Tgt Ion: 75 Resp: 112
Ion Ratio Lower Upper
75 100
110 29.6 28.6 42.8
77 45.1 27.6 41.4

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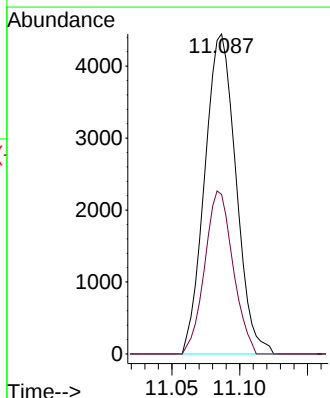
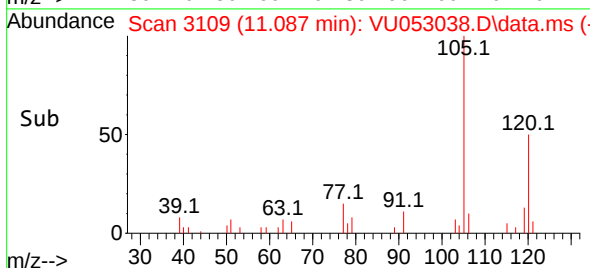
Reviewed By :Krupa Patel 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023

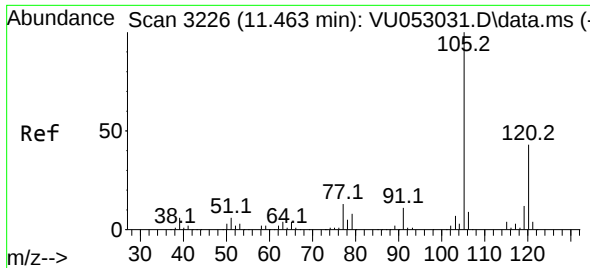


#62
1,3,5-Trimethylbenzene
Concen: 0.233 ug/L
RT: 11.087 min Scan# 3109
Delta R.T. 0.003 min
Lab File: VU053038.D
Acq: 10 Feb 2023 15:16



Tgt Ion:105 Resp: 7130
Ion Ratio Lower Upper
105 100
120 46.0 37.0 55.6





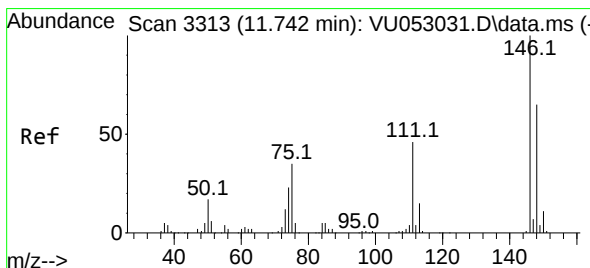
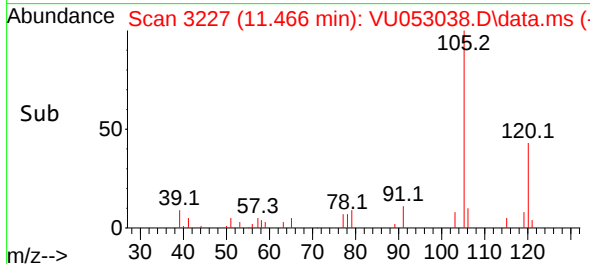
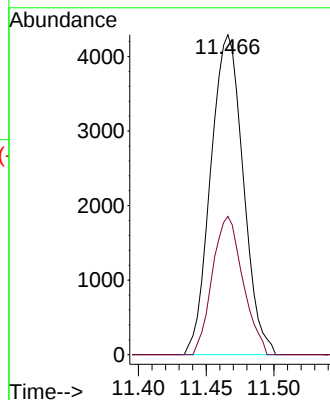
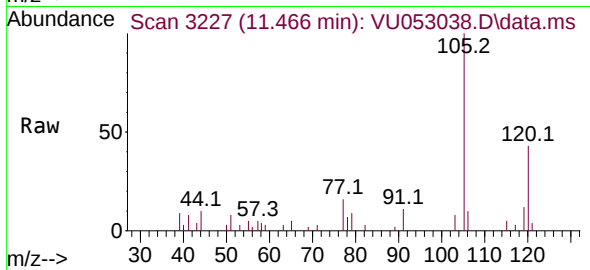
#63
1,2,4-Trimethylbenzene
Concen: 0.234 ug/L
RT: 11.466 min Scan# 3227
Delta R.T. 0.003 min
Lab File: VU053038.D
Acq: 10 Feb 2023 15:16

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2023-01

Tgt Ion:105 Resp: 7158
Ion Ratio Lower Upper
105 100
120 40.5 34.7 52.1

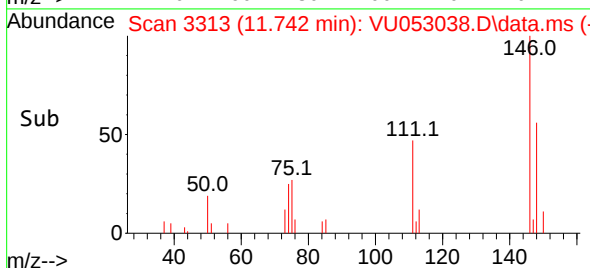
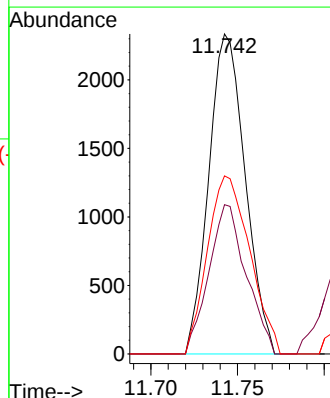
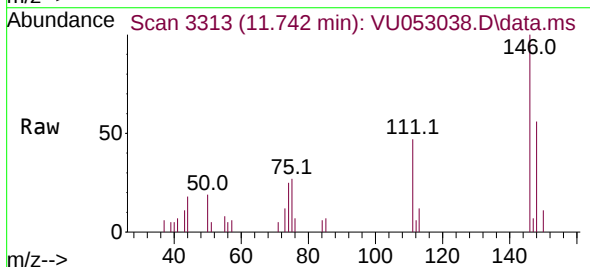
Manual Integrations
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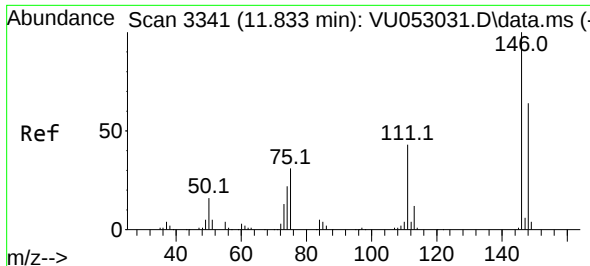
Reviewed By :Krupa Patel 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023



#64
1,3-Dichlorobenzene
Concen: 0.233 ug/L
RT: 11.742 min Scan# 3313
Delta R.T. -0.000 min
Lab File: VU053038.D
Acq: 10 Feb 2023 15:16

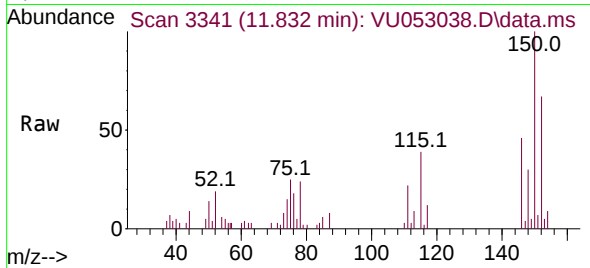
Tgt Ion:146 Resp: 3412
Ion Ratio Lower Upper
146 100
111 46.6 32.0 59.4
148 55.6 45.3 84.1





#65
1,4-Dichlorobenzene
Concen: 0.230 ug/L
RT: 11.832 min Scan# 3341
Delta R.T. -0.000 min
Lab File: VU053038.D
Acq: 10 Feb 2023 15:16

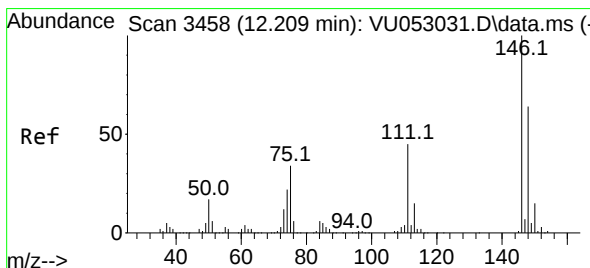
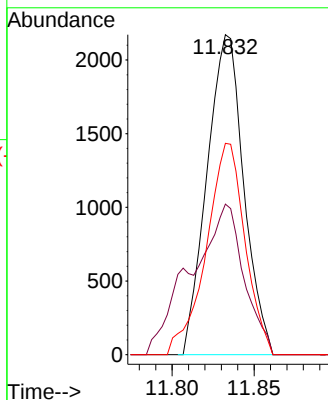
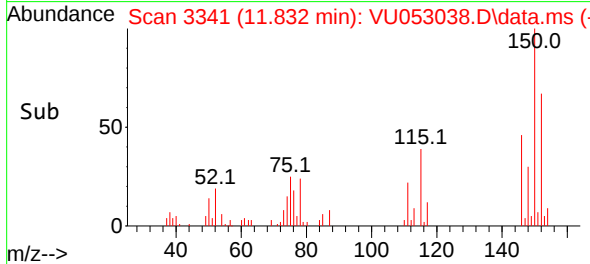
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2023-01



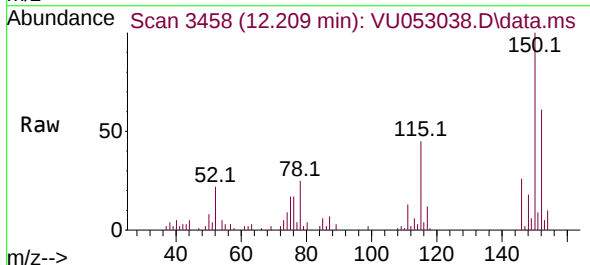
Tgt Ion:146 Resp: 3378
Ion Ratio Lower Upper
146 100
111 47.1 30.3 56.3
148 66.1 44.7 82.9

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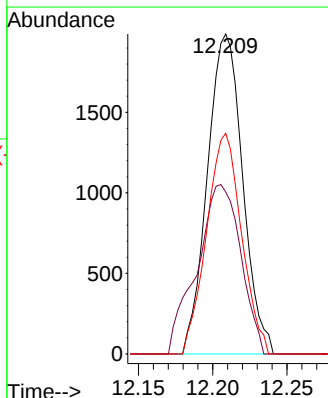
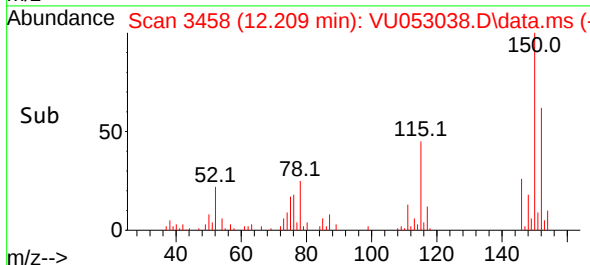
Reviewed By :Krupa Patel 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023

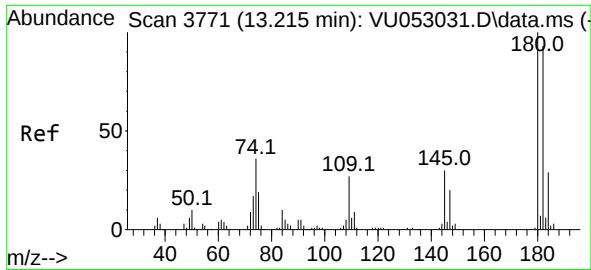


#67
1,2-Dichlorobenzene
Concen: 0.240 ug/L
RT: 12.209 min Scan# 3458
Delta R.T. -0.000 min
Lab File: VU053038.D
Acq: 10 Feb 2023 15:16



Tgt Ion:146 Resp: 3280
Ion Ratio Lower Upper
146 100
111 50.6 36.3 54.5
148 68.9 51.3 76.9





#69

1,3,5-Trichlorobenzene

Concen: 0.198 ug/L

RT: 13.221 min Scan# 31

Delta R.T. 0.006 min

Lab File: VU053038.D

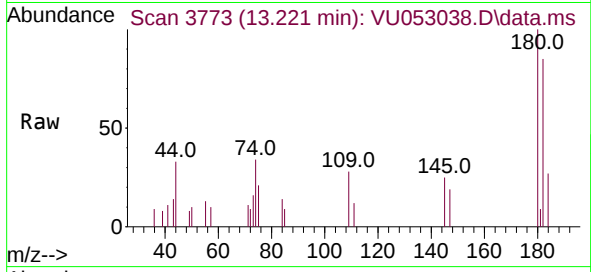
Acq: 10 Feb 2023 15:16

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2023-01



Tgt Ion:180 Resp: 2074

Ion Ratio Lower Upper

180 100

182 96.1 75.4 113.0

184 26.4 23.8 35.6

145 27.0 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/13/2023

Supervised By :Mahesh Dadoda 02/13/2023

