

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021023\
 Data File : VU053040.D
 Acq On : 10 Feb 2023 16:03
 Operator : JC/MD
 Sample : 01378-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Feb 10 23:54:27 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	127293	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	112285	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	52263	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	27845	4.566	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	91.400%	
7) Chloroethane-d5	1.913	69	27062	4.721	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.400%	
11) 1,1-Dichloroethene-d2	2.566	65	12495	4.467	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.400%	
20) 2-Butanone-d5	4.649	46	95467	51.116	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.240%	
24) Chloroform-d	5.061	84	63687	4.538	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.800%	
26) 1,2-Dichloroethane-d4	5.698	65	33689	4.765	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.200%	
32) Benzene-d6	5.723	84	118675	4.703	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.000%	
36) 1,2-Dichloropropane-d6	6.688	67	41545	4.727	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.600%	
41) Toluene-d8	7.894	98	104368	4.579	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.600%	
43) trans-1,3-Dichloroprop...	8.177	79	16906	4.752	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.000%	
46) 2-Hexanone-d5	8.630	63	80500	50.965	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.940%	
56) 1,1,2,2-Tetrachloroeth...	10.752	84	37141	4.921	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.400%	
66) 1,2-Dichlorobenzene-d4	12.189	152	39319	5.036	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	2055	0.220	ug/L	93
3) Chloromethane	1.518	50	2149	0.221	ug/L	95
5) Vinyl chloride	1.601	62	2269	0.212	ug/L #	74
6) Bromomethane	1.855	94	1317	0.197	ug/L	81
8) Chloroethane	1.933	64	1236	0.196	ug/L #	74
9) Trichlorofluoromethane	2.138	101	2801	0.190	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	1778	0.219	ug/L #	88
12) 1,1-Dichloroethene	2.576	96	2105	0.280	ug/L #	1
14) Carbon disulfide	2.791	76	4725	0.208	ug/L	98
15) Methyl Acetate	2.968	43	582m	0.178	ug/L	
16) Methylene chloride	3.042	84	2607	0.299	ug/L	92
17) Methyl tert-butyl Ether	3.360	73	3925	0.192	ug/L #	78
18) trans-1,2-Dichloroethene	3.354	96	1589	0.199	ug/L	84
19) 1,1-Dichloroethane	3.862	63	2727	0.182	ug/L	96
21) 2-Butanone	4.736	43	4740m	2.393	ug/L	
22) cis-1,2-Dichloroethene	4.669	96	1839	0.204	ug/L	82
23) Bromochloromethane	4.971	128	576	0.162	ug/L	79
27) 1,2-Dichloroethane	5.794	62	1723	0.179	ug/L #	83
29) 1,1,1-Trichloroethane	5.309	97	2904	0.216	ug/L	87

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

30) Cyclohexane	5.383	56	2931	0.219	ug/L #	86
31) Carbon tetrachloride	5.527	117	2072	0.185	ug/L	94
33) Benzene	5.772	78	6131	0.189	ug/L	100
37) 1,2-Dichloropropane	6.791	63	1700	0.193	ug/L #	90
38) Bromodichloromethane	7.103	83	2429	0.213	ug/L	99
39) cis-1,3-Dichloropropene	7.608	75	2445	0.174	ug/L	91
40) 4-Methyl-2-pentanone	7.794	43	9282	2.018	ug/L #	87
42) Toluene	7.964	91	7220	0.205	ug/L	92
44) trans-1,3-Dichloropropene	8.209	75	2086	0.180	ug/L	87
45) 1,1,2-Trichloroethane	8.398	97	1457	0.230	ug/L #	85
47) Tetrachloroethene	8.550	164	1138	0.192	ug/L	91
48) 2-Hexanone	8.681	43	10572	3.132	ug/L #	94
49) Dibromochloromethane	8.804	129	1325	0.191	ug/L	97
50) 1,2-Dibromoethane	8.919	107	1179	0.201	ug/L #	97
51) Chlorobenzene	9.443	112	4272	0.195	ug/L	95
52) Ethylbenzene	9.569	91	7423	0.186	ug/L	98
53) m,p-Xylene	9.691	106	2806	0.188	ug/L	96
54) o-Xylene	10.096	106	2791	0.193	ug/L	98
55) Styrene	10.115	104	4590	0.196	ug/L	91
57) 1,1,2,2-Tetrachloroethane	10.778	83	1867	0.232	ug/L	88
60) Isopropylbenzene	10.482	105	7691	0.203	ug/L	98
61) 1,2,3-Trichloropropane	10.816	75	979	0.195	ug/L	93
62) 1,3,5-Trimethylbenzene	11.083	105	6266	0.196	ug/L	96
63) 1,2,4-Trimethylbenzene	11.466	105	6210	0.194	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	2840	0.185	ug/L	97
65) 1,4-Dichlorobenzene	11.832	146	3279	0.214	ug/L	95
67) 1,2-Dichlorobenzene	12.205	146	2902	0.203	ug/L	91
69) 1,3,5-Trichlorobenzene	13.218	180	2094	0.192	ug/L	98

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

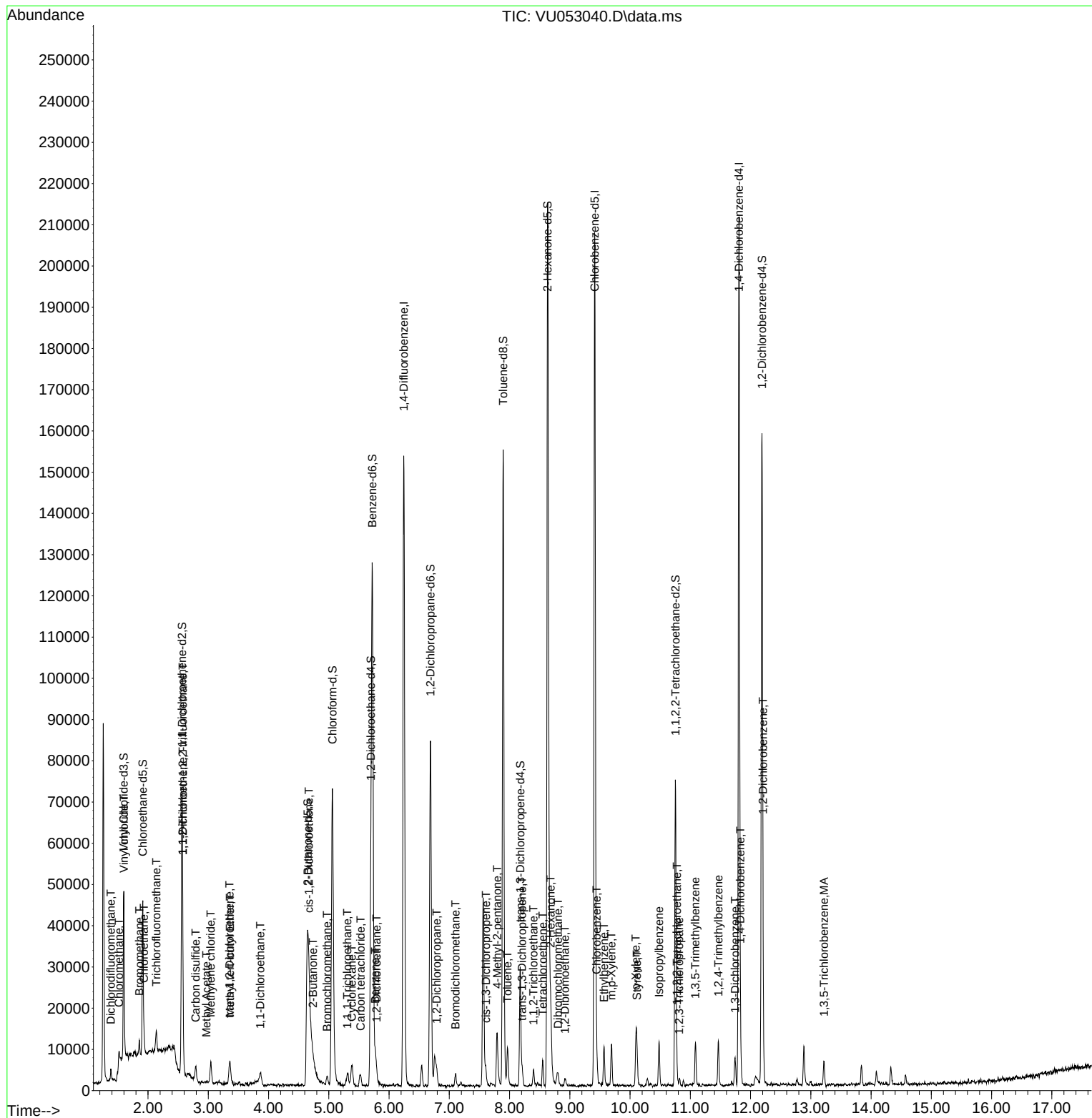
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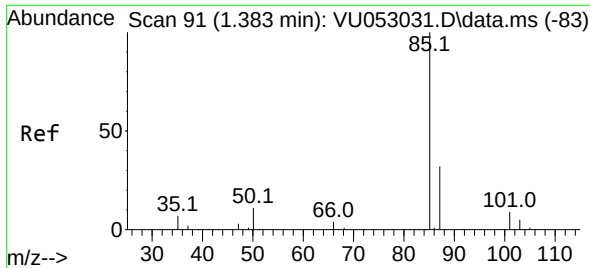
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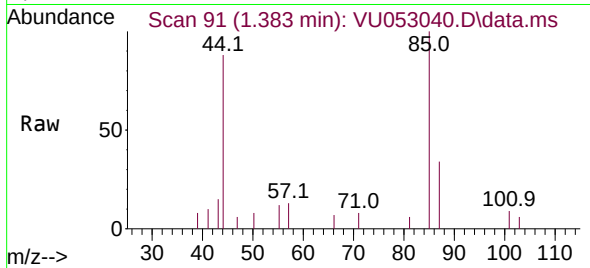
Reviewed By :Krupa Patel 02/13/2023
 Supervised By :Mahesh Dadoda 02/13/2023





#2
Dichlorodifluoromethane
Concen: 0.220 ug/L
RT: 1.383 min Scan# 91
Delta R.T. -0.000 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03

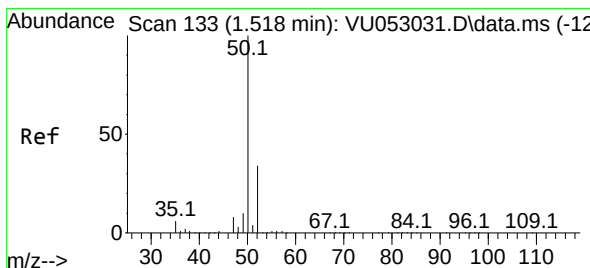
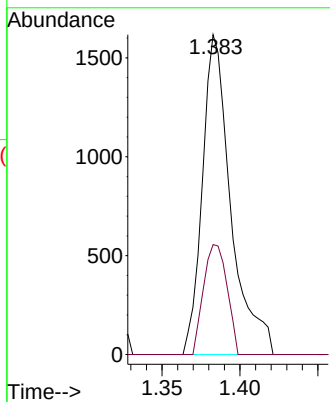
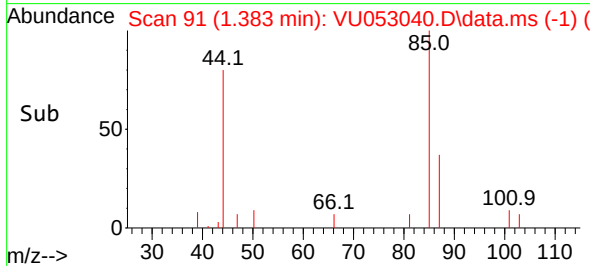
Instrument : MSVOA_U
ClientSampleId : VU053040.D
MDL-WATER-QT1-2023-01



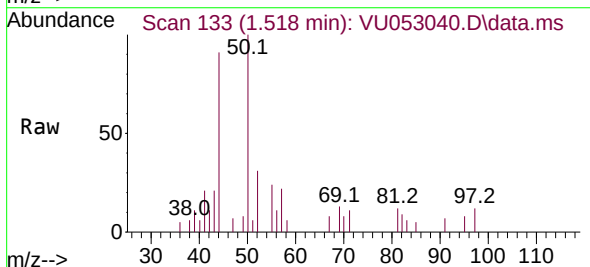
Tgt Ion: 85 Resp: 205
Ion Ratio Lower Upper
85 100
87 28.3 25.5 38.3

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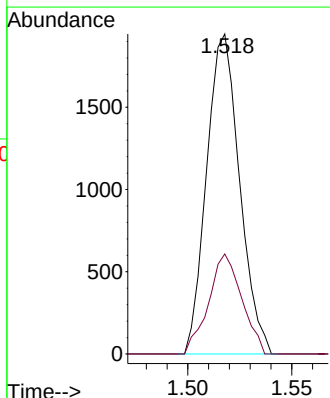
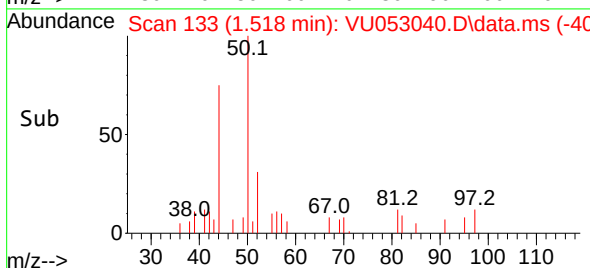
Reviewed By :Krupa Patel 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023

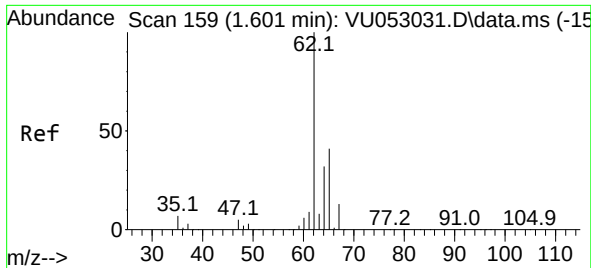


#3
Chloromethane
Concen: 0.221 ug/L
RT: 1.518 min Scan# 133
Delta R.T. -0.000 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03



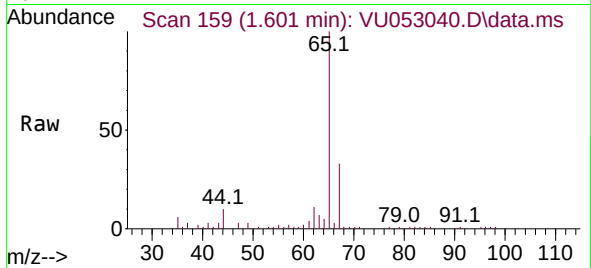
Tgt Ion: 50 Resp: 2149
Ion Ratio Lower Upper
50 100
52 31.2 24.1 44.7





#5
 Vinyl chloride
 Concen: 0.212 ug/L
 RT: 1.601 min Scan# 159
 Delta R.T. -0.000 min
 Lab File: VU053040.D
 Acq: 10 Feb 2023 16:03

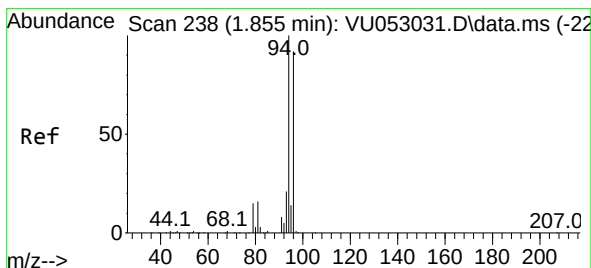
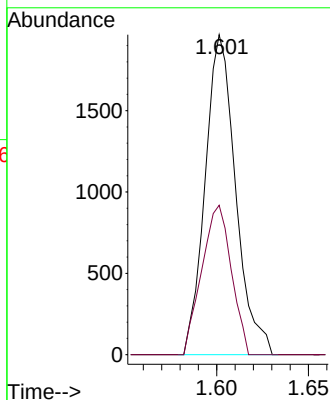
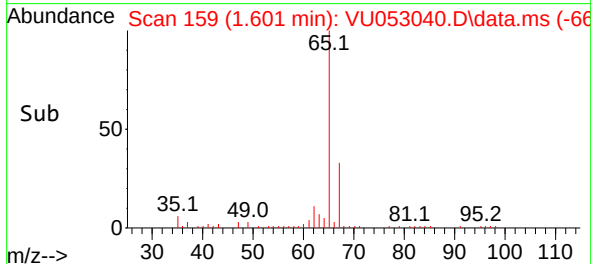
Instrument : MSVOA_U
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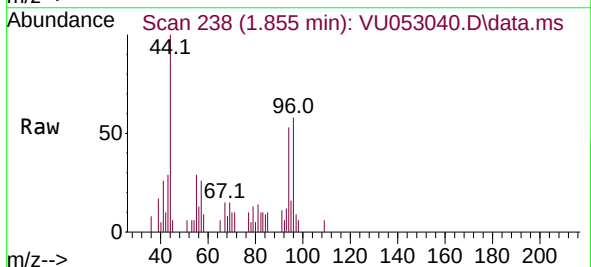
Tgt Ion: 62 Resp: 2269
 Ion Ratio Lower Upper
 62 100
 64 46.7 22.5 41.9

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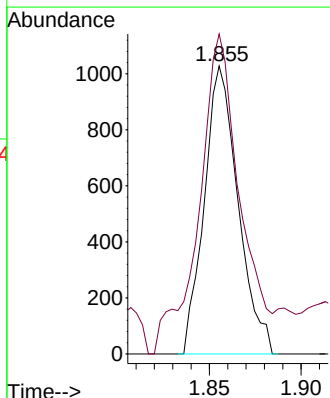
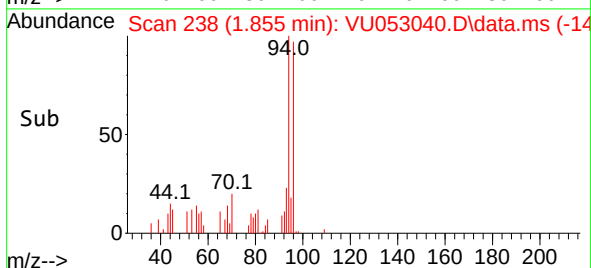
Reviewed By :Krupa Patel 02/13/2023
 Supervised By :Mahesh Dadoda 02/13/2023

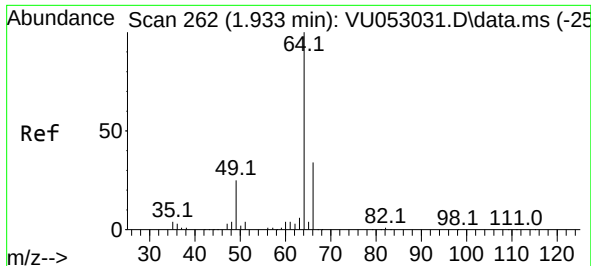


#6
 Bromomethane
 Concen: 0.197 ug/L
 RT: 1.855 min Scan# 238
 Delta R.T. -0.000 min
 Lab File: VU053040.D
 Acq: 10 Feb 2023 16:03



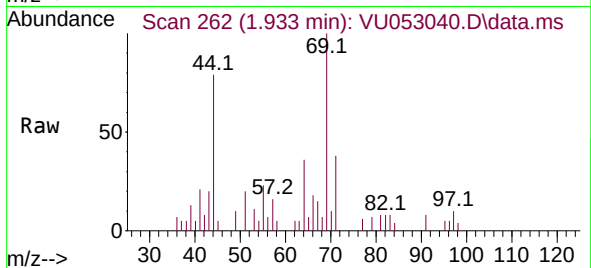
Tgt Ion: 94 Resp: 1317
 Ion Ratio Lower Upper
 94 100
 96 111.1 64.8 120.3





#8
Chloroethane
Concen: 0.196 ug/L
RT: 1.933 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03

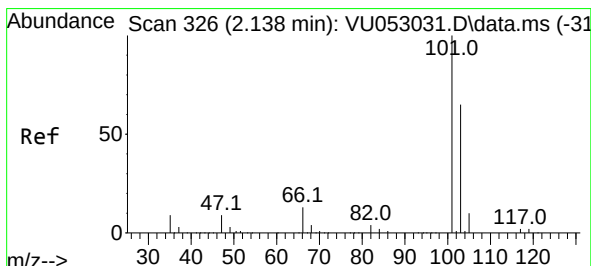
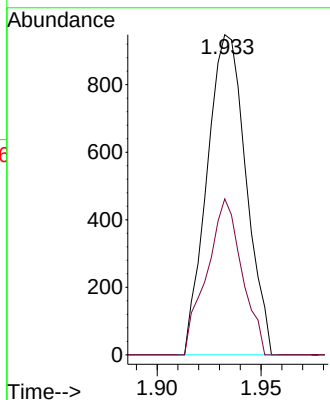
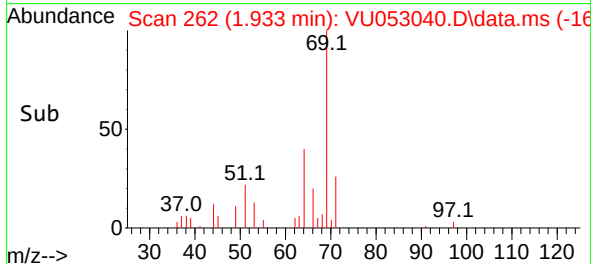
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2023-01



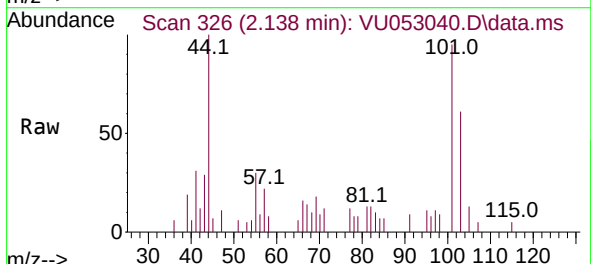
Tgt Ion: 64 Resp: 1230
Ion Ratio Lower Upper
64 100
66 48.7 23.9 44.3

Manual Integrations
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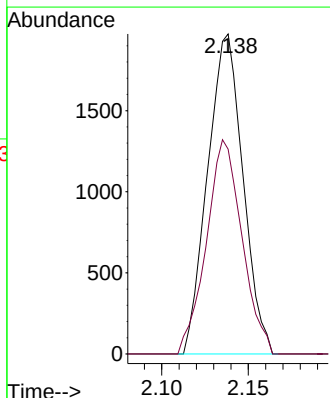
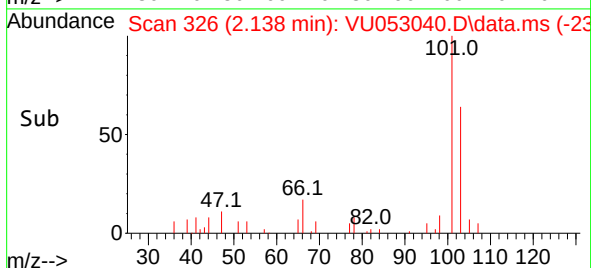
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Supervised By :Mahesh Dadoda 02/13/2023

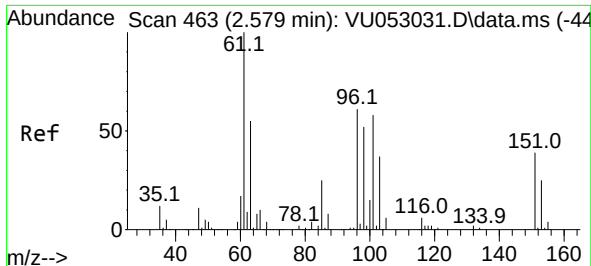


#9
Trichlorofluoromethane
Concen: 0.190 ug/L
RT: 2.138 min Scan# 326
Delta R.T. -0.000 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03



Tgt Ion:101 Resp: 2801
Ion Ratio Lower Upper
101 100
103 67.5 52.6 78.8





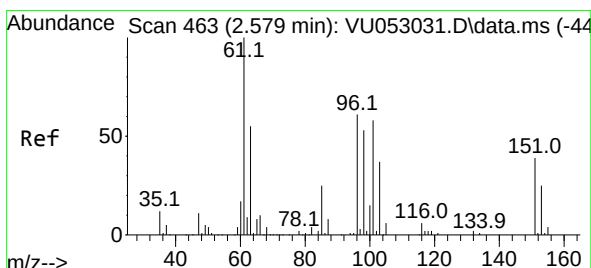
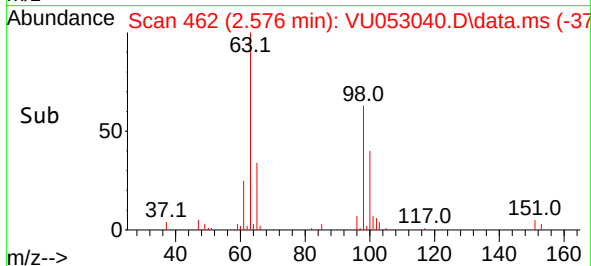
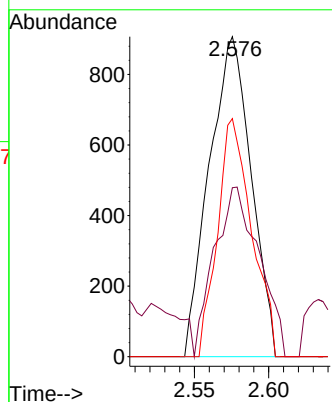
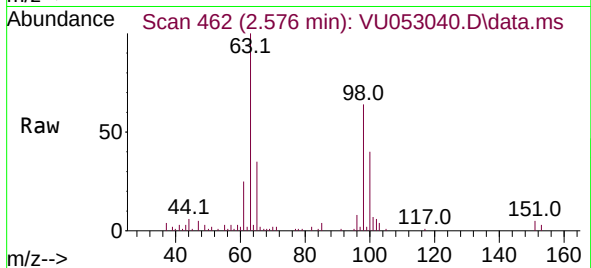
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.219 ug/L
RT: 2.576 min Scan# 40
Delta R.T. -0.003 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03

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Tgt Ion:101 Resp: 1778
Ion Ratio Lower Upper
101 100
85 56.7 36.8 55.2
151 60.6 53.8 80.8

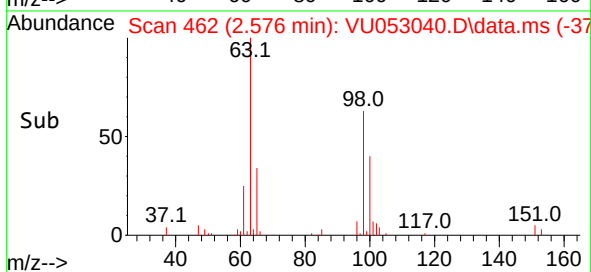
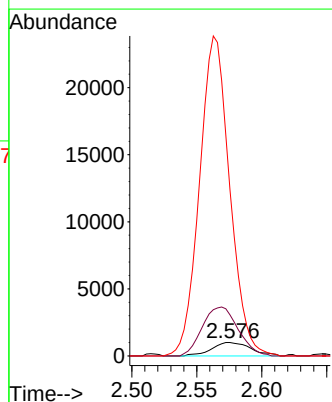
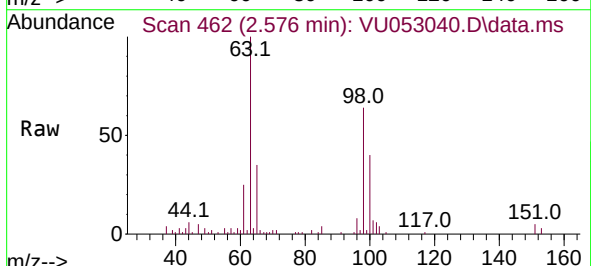
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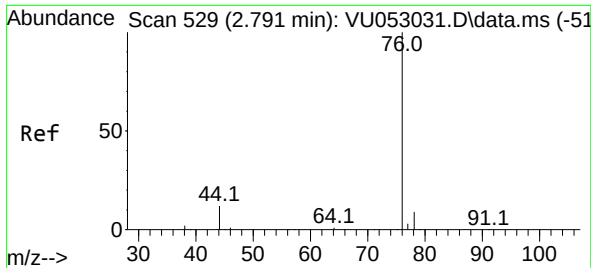
Reviewed By :Krupa Patel 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023



#12
1,1-Dichloroethene
Concen: 0.280 ug/L
RT: 2.576 min Scan# 462
Delta R.T. -0.003 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03

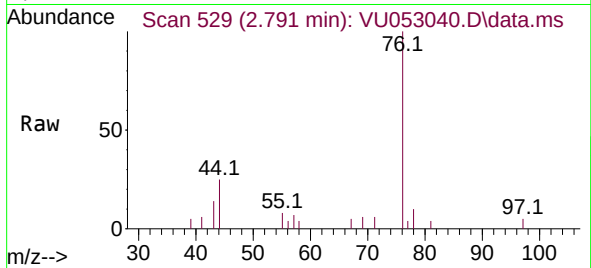
Tgt Ion: 96 Resp: 2105
Ion Ratio Lower Upper
96 100
61 306.5 115.1 213.7#
63 1242.1 63.6 118.0#





#14
Carbon disulfide
Concen: 0.208 ug/L
RT: 2.791 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03

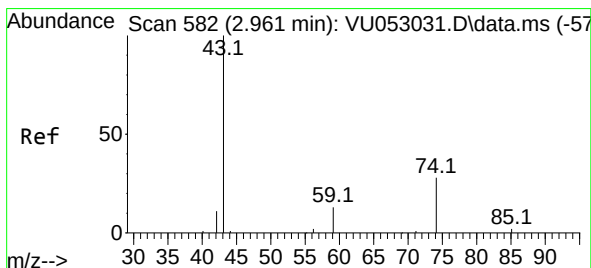
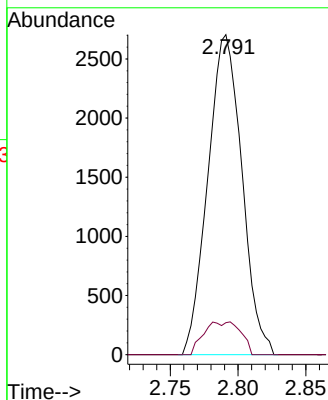
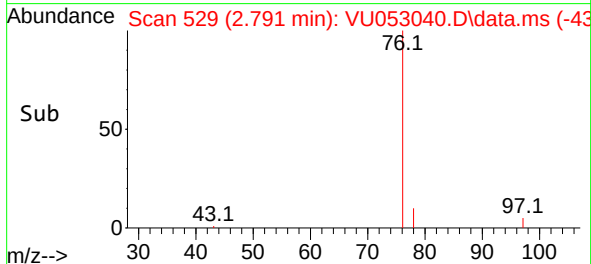
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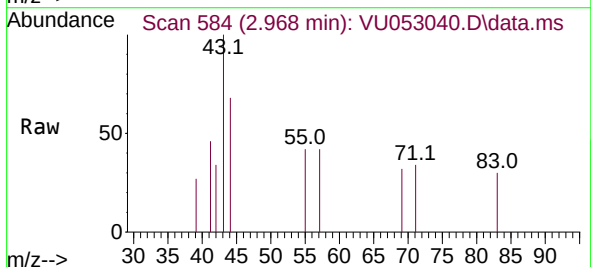
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Ion Ratio Lower Upper
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78 10.0 7.5 11.3

Manual Integrations
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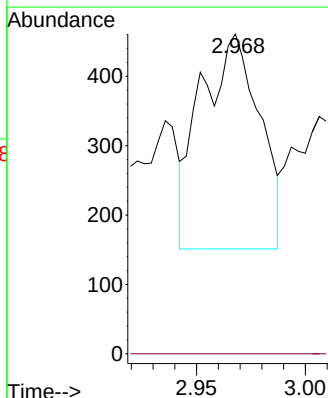
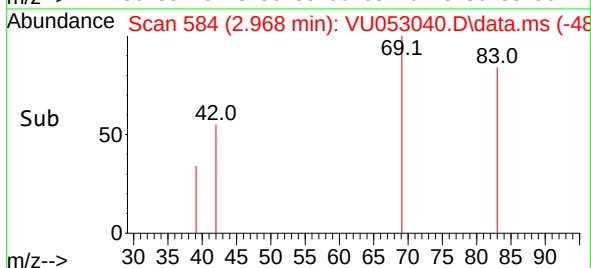
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Supervised By :Mahesh Dadoda 02/13/2023

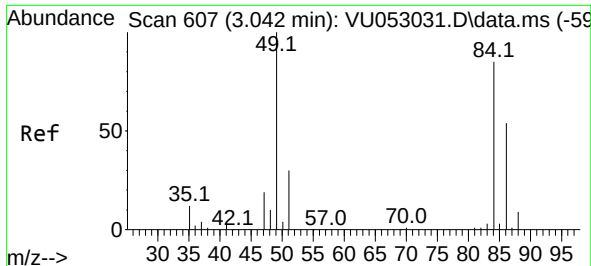


#15
Methyl Acetate
Concen: 0.178 ug/L m
RT: 2.968 min Scan# 584
Delta R.T. 0.006 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03



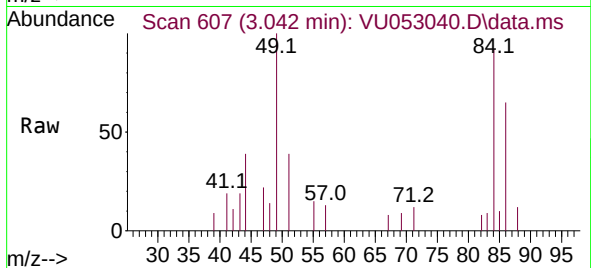
Tgt Ion: 43 Resp: 582
Ion Ratio Lower Upper
43 100
74 0.0 14.3 21.5#





#16
Methylene chloride
Concen: 0.299 ug/L
RT: 3.042 min Scan# 607
Delta R.T. -0.000 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03

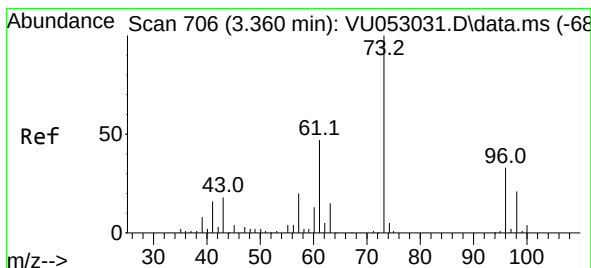
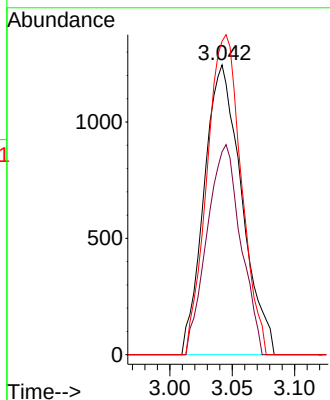
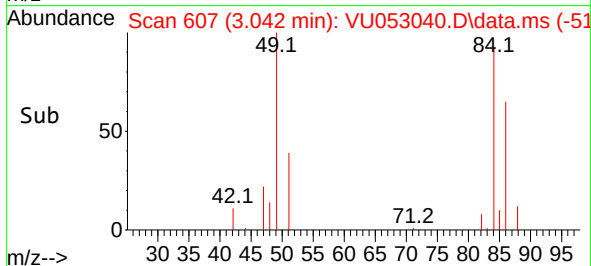
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2023-01



Tgt Ion: 84 Resp: 2607
Ion Ratio Lower Upper
84 100
86 70.0 44.9 83.3
49 108.2 82.6 153.4

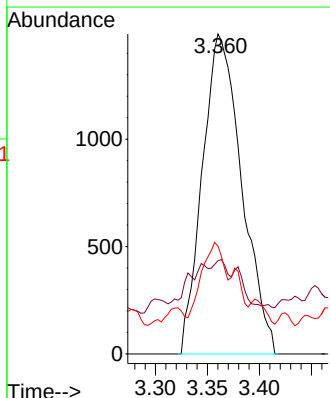
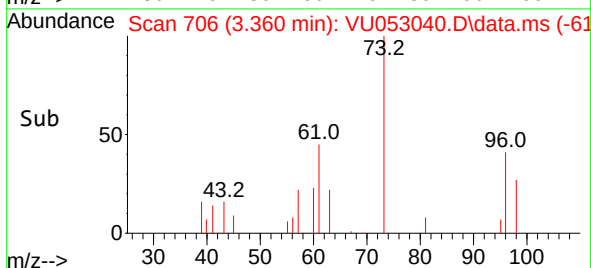
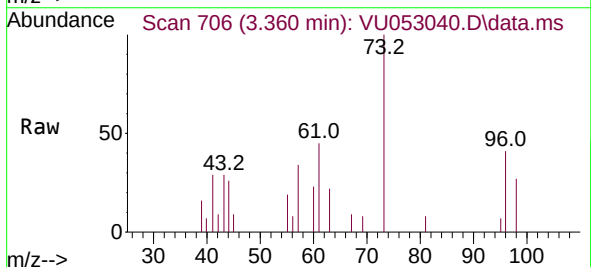
Manual Integrations
APPROVED

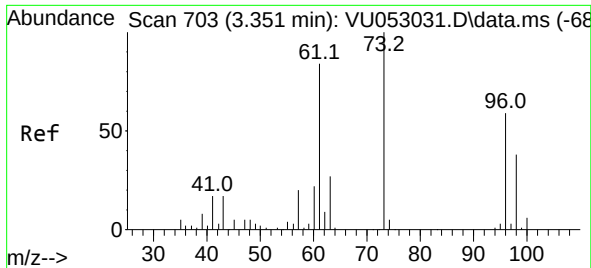
Reviewed By :Krupa Patel 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023



#17
Methyl tert-butyl Ether
Concen: 0.192 ug/L
RT: 3.360 min Scan# 706
Delta R.T. -0.000 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03

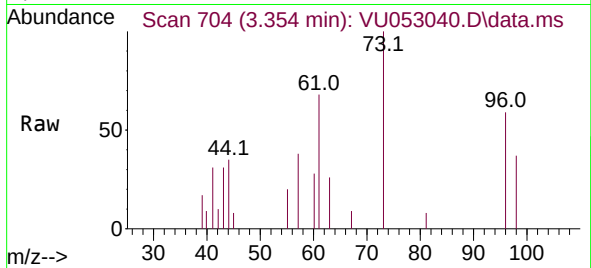
Tgt Ion: 73 Resp: 3925
Ion Ratio Lower Upper
73 100
43 6.4 14.6 21.8#
57 13.3 17.1 25.7#





#18
trans-1,2-Dichloroethene
Concen: 0.199 ug/L
RT: 3.354 min Scan# 703
Delta R.T. 0.003 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03

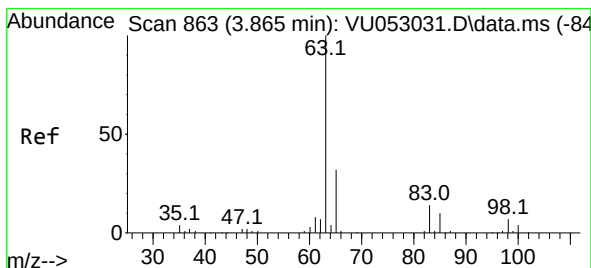
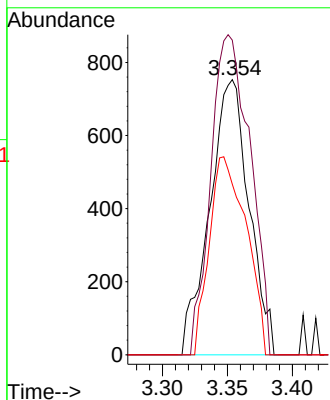
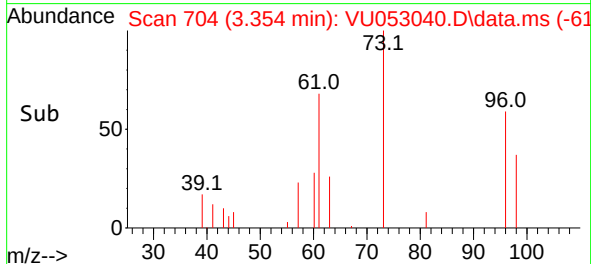
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2023-01



Tgt Ion: 96 Resp: 1589
Ion Ratio Lower Upper
96 100
61 114.3 99.5 184.9
98 62.0 44.8 83.2

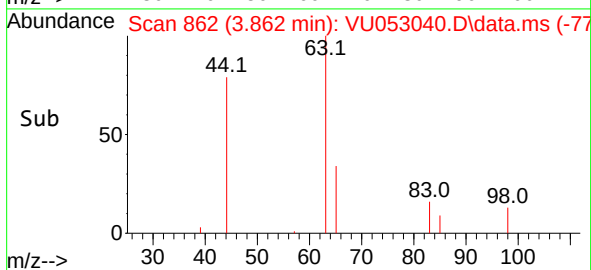
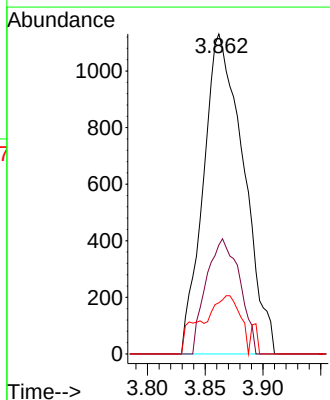
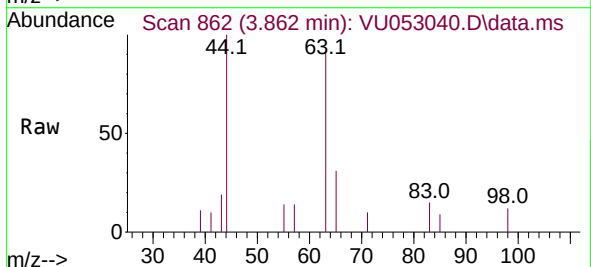
Manual Integrations
APPROVED

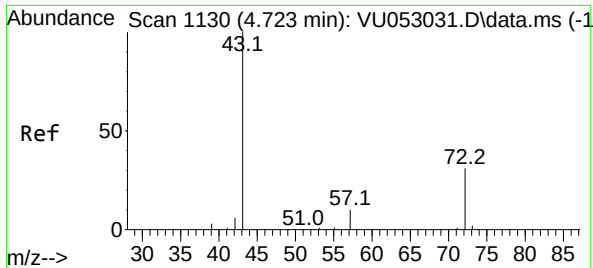
Reviewed By :Krupa Patel 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023



#19
1,1-Dichloroethane
Concen: 0.182 ug/L
RT: 3.862 min Scan# 862
Delta R.T. -0.003 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03

Tgt Ion: 63 Resp: 2727
Ion Ratio Lower Upper
63 100
65 34.0 22.3 41.3
83 16.0 9.8 18.2





#21

2-Butanone

Concen: 2.393 ug/L m

RT: 4.736 min Scan# 1113

Delta R.T. 0.013 min

Lab File: VU053040.D

Acq: 10 Feb 2023 16:03

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2023-01

Tgt Ion: 43 Resp: 4740

Ion Ratio Lower Upper

43 100

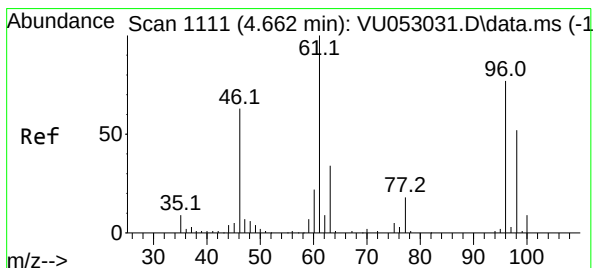
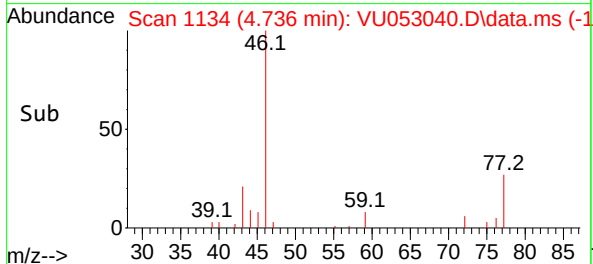
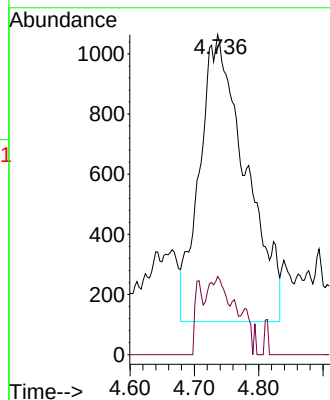
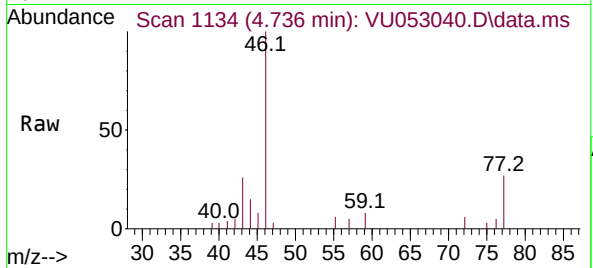
72 5.8 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/13/2023

Supervised By :Mahesh Dadoda 02/13/2023



#22

cis-1,2-Dichloroethene

Concen: 0.204 ug/L

RT: 4.669 min Scan# 1113

Delta R.T. 0.006 min

Lab File: VU053040.D

Acq: 10 Feb 2023 16:03

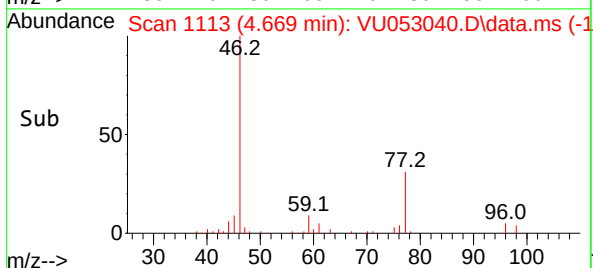
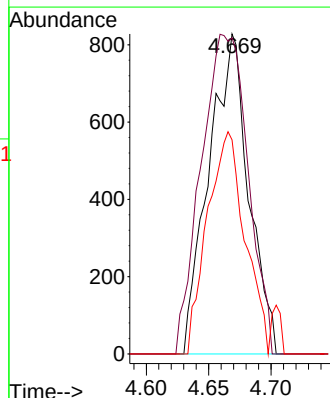
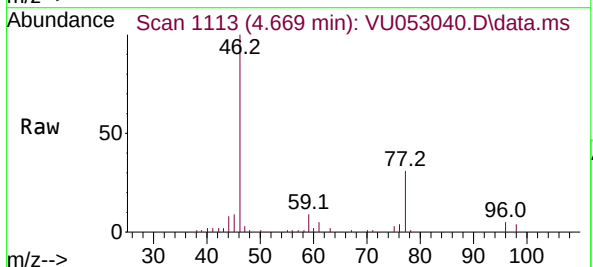
Tgt Ion: 96 Resp: 1839

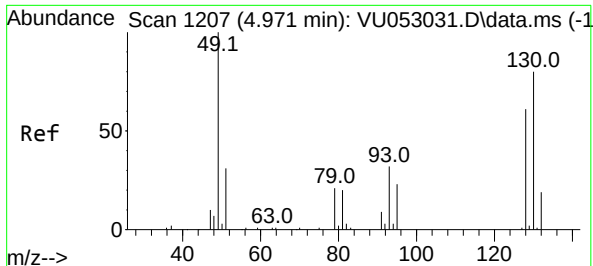
Ion Ratio Lower Upper

96 100

61 98.8 90.9 168.9

98 66.9 47.0 87.4





#23

Bromochloromethane

Concen: 0.162 ug/L

RT: 4.971 min Scan# 1207

Delta R.T. -0.000 min

Lab File: VU053040.D

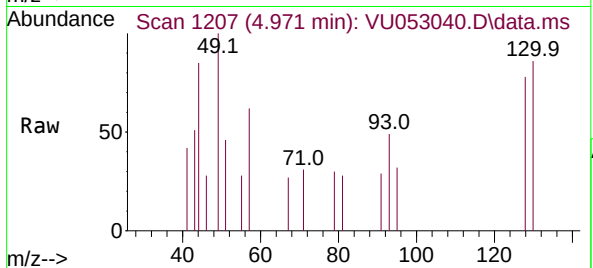
Acq: 10 Feb 2023 16:03

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2023-01



Tgt Ion:128 Resp: 570

Ion Ratio Lower Upper

128 100

49 128.1 114.2 212.0

130 109.9 91.6 170.2

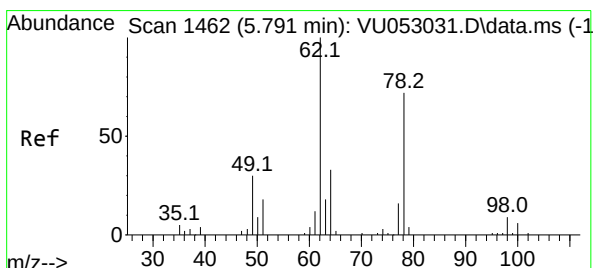
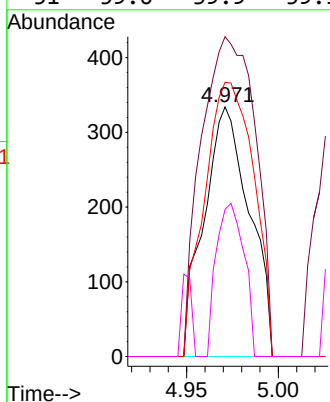
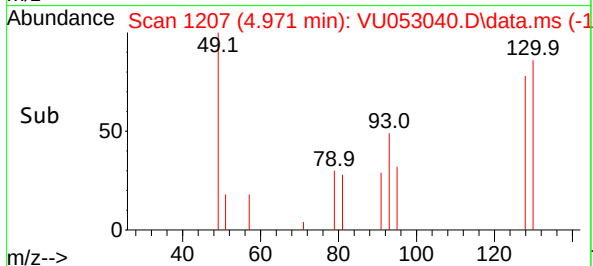
51 59.0 39.9 59.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/13/2023

Supervised By :Mahesh Dadoda 02/13/2023



#27

1,2-Dichloroethane

Concen: 0.179 ug/L

RT: 5.794 min Scan# 1463

Delta R.T. 0.003 min

Lab File: VU053040.D

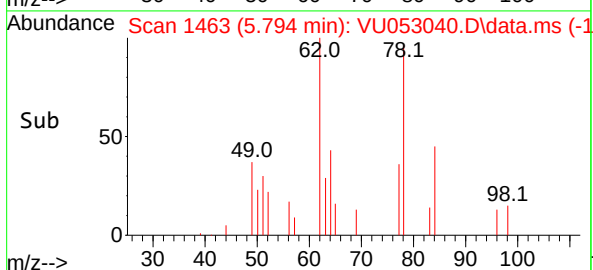
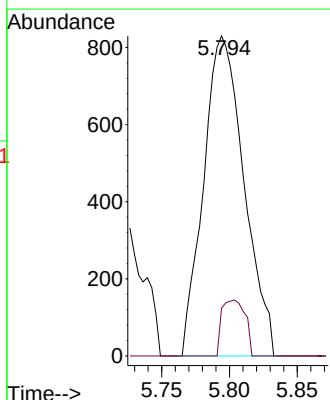
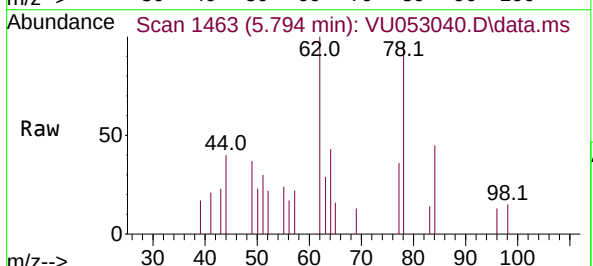
Acq: 10 Feb 2023 16:03

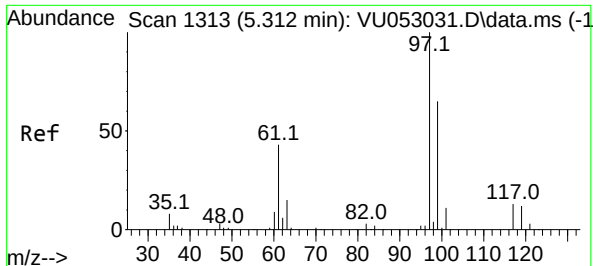
Tgt Ion: 62 Resp: 1723

Ion Ratio Lower Upper

62 100

98 14.9 7.1 10.7#





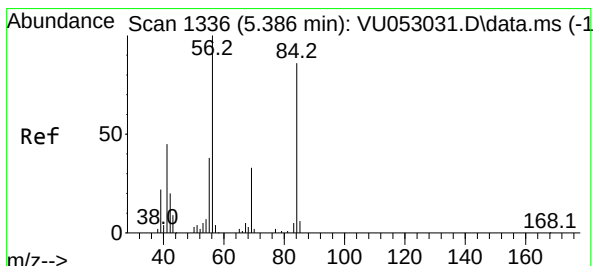
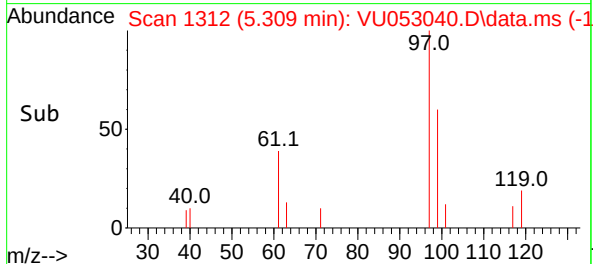
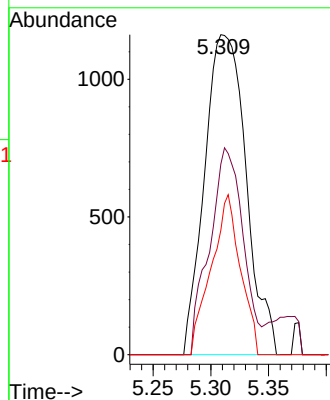
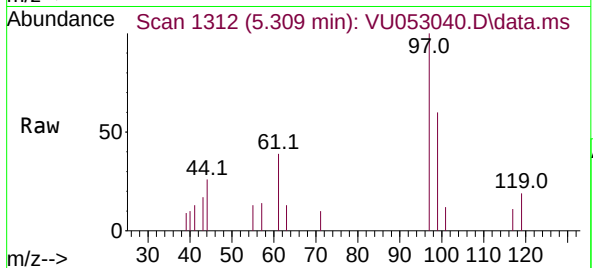
#29
1,1,1-Trichloroethane
Concen: 0.216 ug/L
RT: 5.309 min Scan# 1312
Delta R.T. -0.003 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03

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

Tgt Ion: 97	Resp: 290
Ion Ratio	Lower Upper
97 100	
99 52.6	51.0 76.6
61 35.3	34.2 51.4

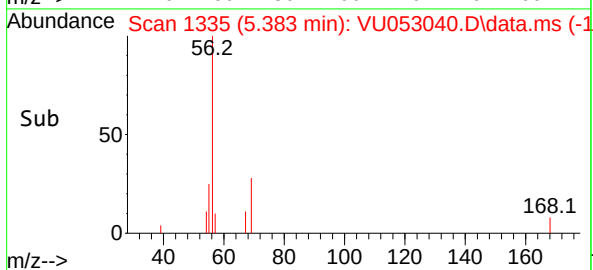
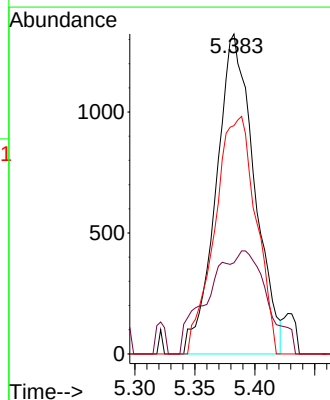
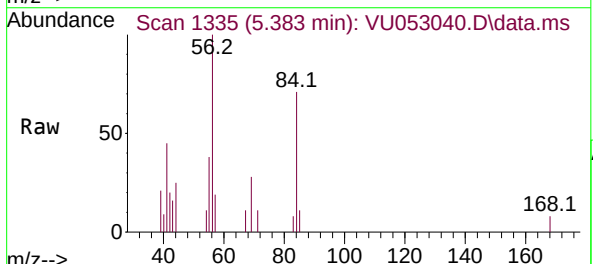
Manual Integrations
APPROVED

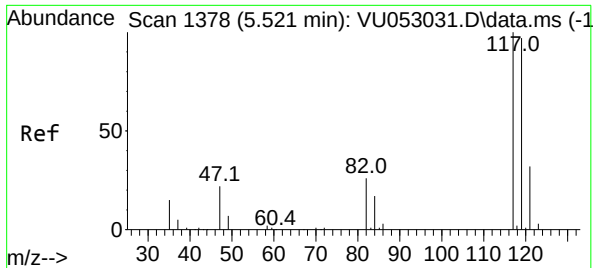
Reviewed By :Krupa Patel 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023



#30
Cyclohexane
Concen: 0.219 ug/L
RT: 5.383 min Scan# 1335
Delta R.T. -0.003 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03

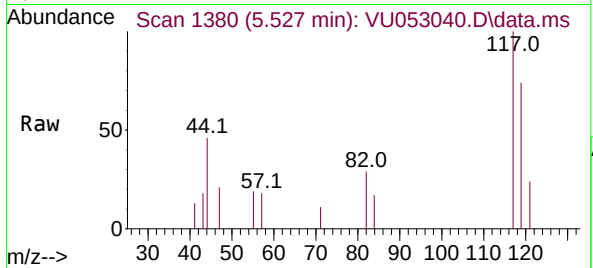
Tgt Ion: 56	Resp: 2931
Ion Ratio	Lower Upper
56 100	
69 49.9	27.0 40.6#
84 79.9	70.8 106.2





#31
Carbon tetrachloride
Concen: 0.185 ug/L
RT: 5.527 min Scan# 1177
Delta R.T. 0.006 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03

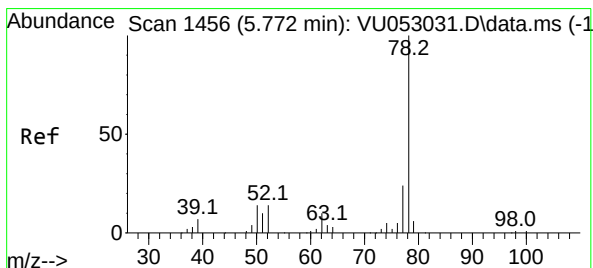
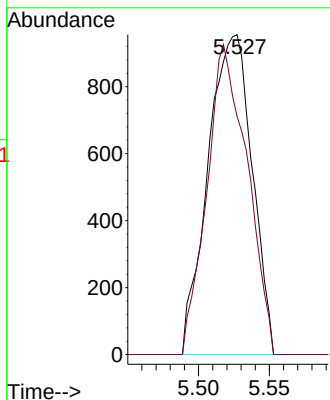
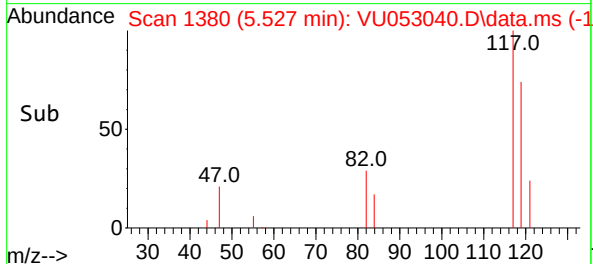
Instrument : MSVOA_U
ClientSampleId : VU053040.D
MDL-WATER-QT1-2023-01



Tgt Ion:117 Resp: 2072
Ion Ratio Lower Upper
117 100
119 88.5 75.4 113.0

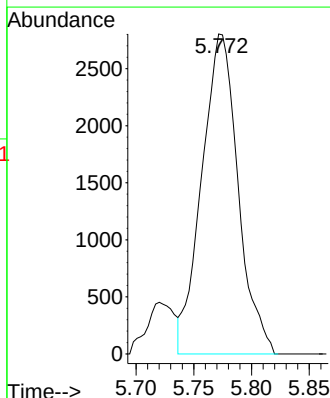
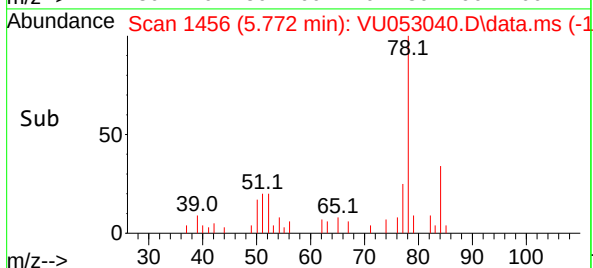
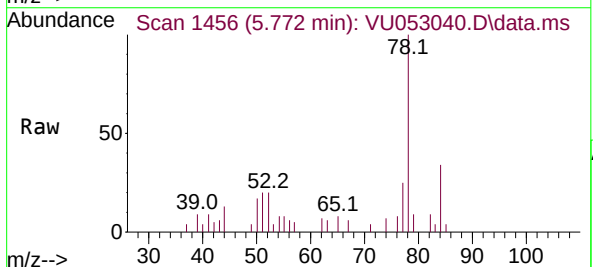
Manual Integrations
APPROVED

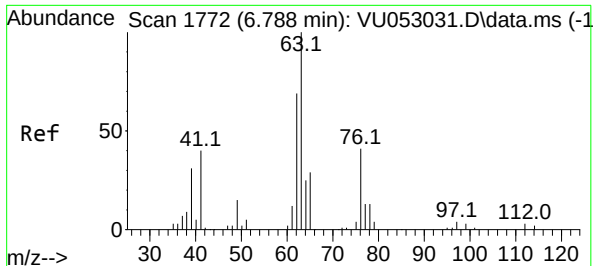
Reviewed By :Krupa Patel 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023



#33
Benzene
Concen: 0.189 ug/L
RT: 5.772 min Scan# 1456
Delta R.T. -0.000 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03

Tgt Ion: 78 Resp: 6131





#37

1,2-Dichloropropane

Concen: 0.193 ug/L

RT: 6.791 min Scan# 1772

Delta R.T. 0.003 min

Lab File: VU053040.D

Acq: 10 Feb 2023 16:03

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2023-01

Tgt Ion: 63 Resp: 1700

Ion Ratio Lower Upper

63 100

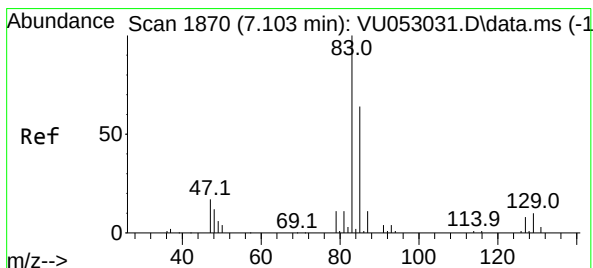
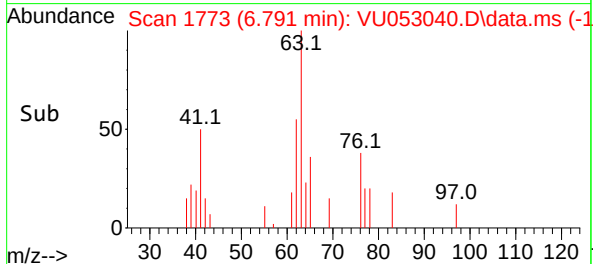
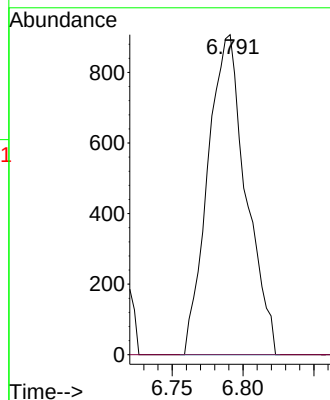
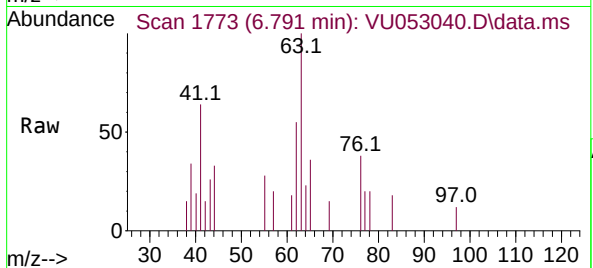
112 0.0 2.7 4.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/13/2023

Supervised By :Mahesh Dadoda 02/13/2023



#38

Bromodichloromethane

Concen: 0.213 ug/L

RT: 7.103 min Scan# 1870

Delta R.T. -0.000 min

Lab File: VU053040.D

Acq: 10 Feb 2023 16:03

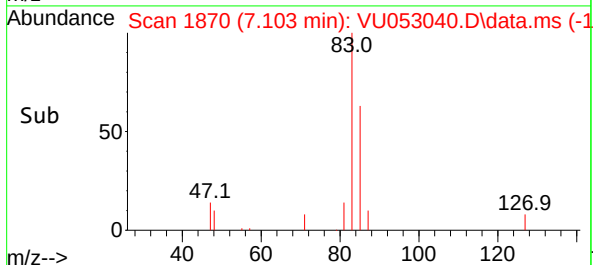
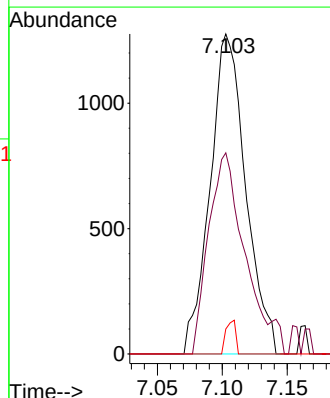
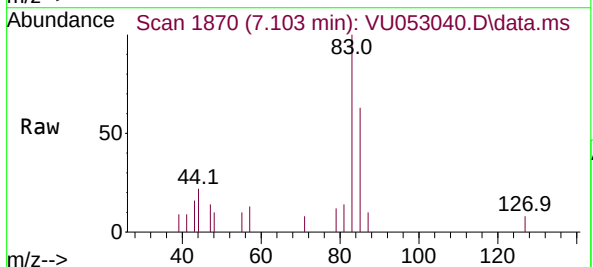
Tgt Ion: 83 Resp: 2429

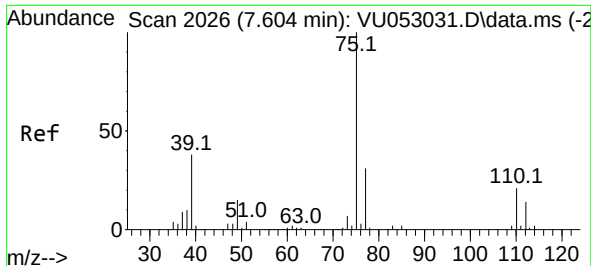
Ion Ratio Lower Upper

83 100

85 62.9 44.7 82.9

127 7.8 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 0.174 ug/L

RT: 7.608 min Scan# 2026

Delta R.T. 0.003 min

Lab File: VU053040.D

Acq: 10 Feb 2023 16:03

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2023-01

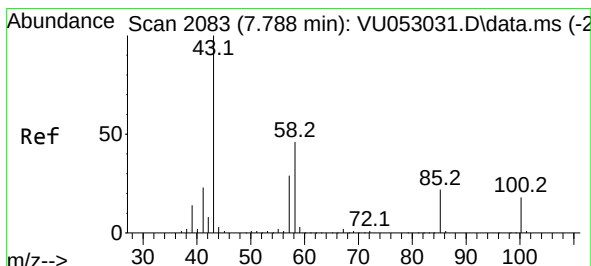
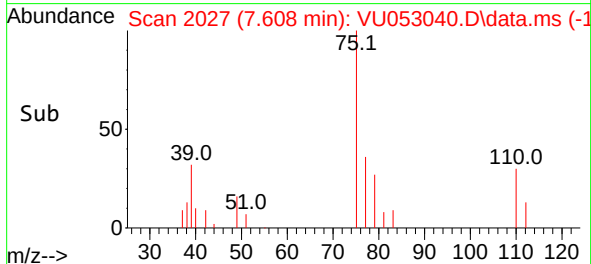
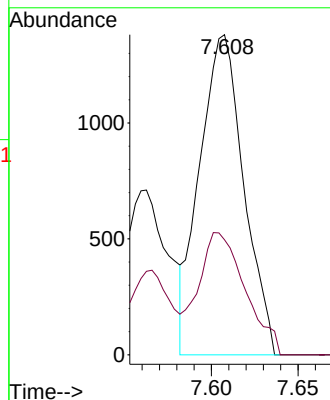
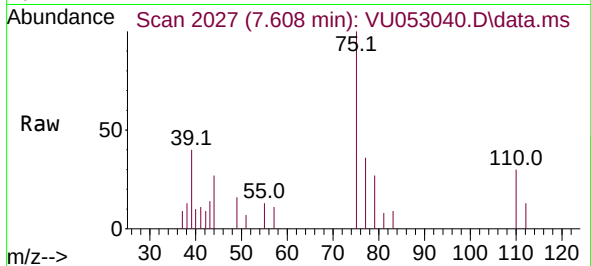
Tgt Ion: 75 Resp: 244
 Ion Ratio Lower Upper
 75 100
 77 35.9 21.6 40.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/13/2023

Supervised By :Mahesh Dadoda 02/13/2023



#40

4-Methyl-2-pentanone

Concen: 2.018 ug/L

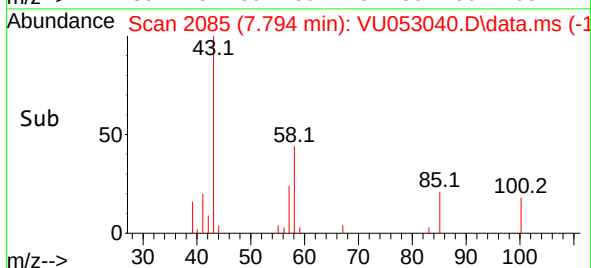
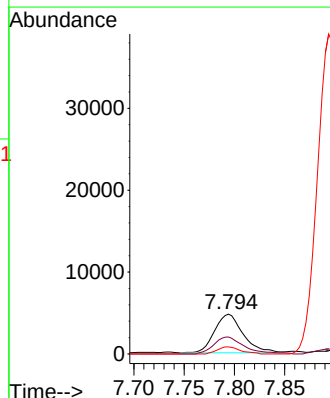
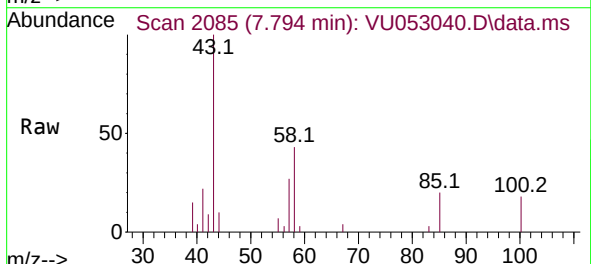
RT: 7.794 min Scan# 2085

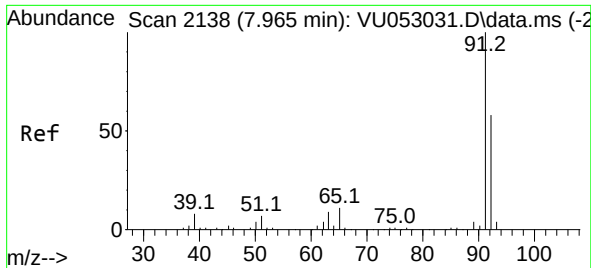
Delta R.T. 0.006 min

Lab File: VU053040.D

Acq: 10 Feb 2023 16:03

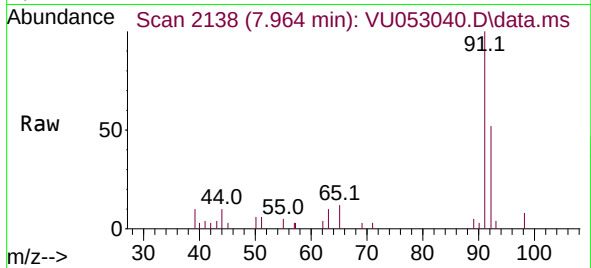
Tgt Ion: 43 Resp: 9282
 Ion Ratio Lower Upper
 43 100
 58 46.8 35.9 53.9
 100 0.0 13.8 20.6





#42
Toluene
Concen: 0.205 ug/L
RT: 7.964 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03

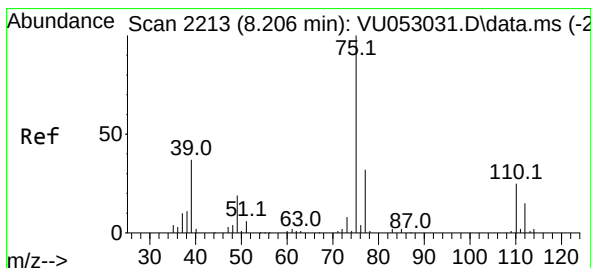
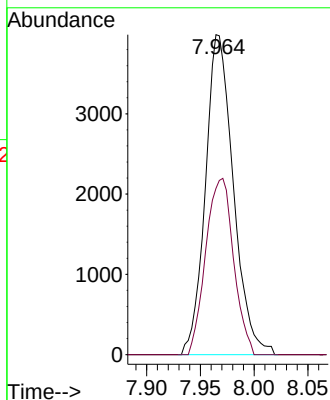
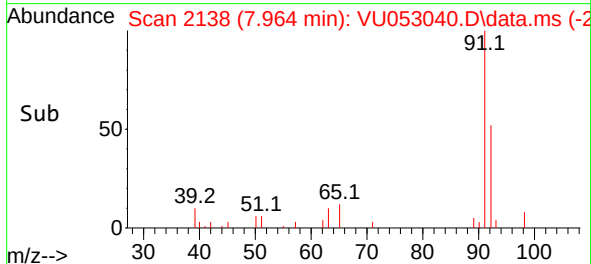
Instrument : MSVOA_U
ClientSampleId : VU053040.D
MDL-WATER-QT1-2023-01



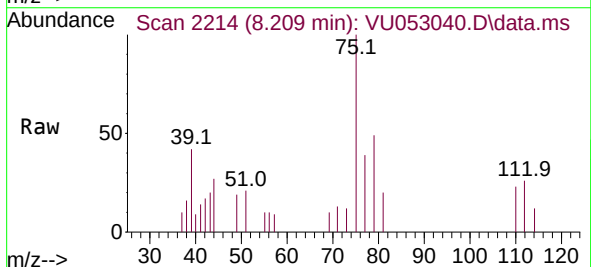
Tgt Ion: 91 Resp: 7220
Ion Ratio Lower Upper
91 100
92 52.0 40.5 75.3

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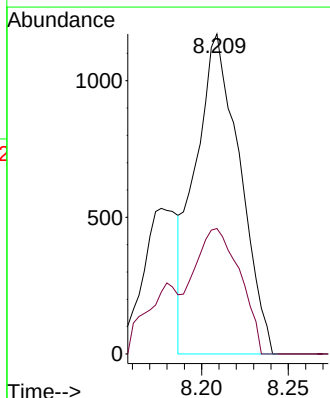
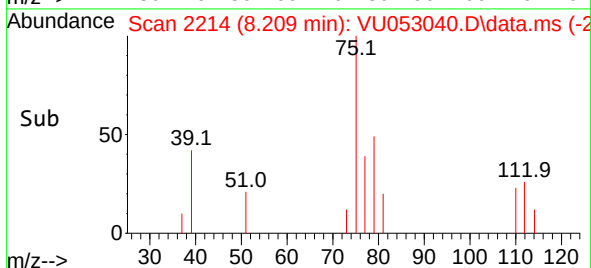
Reviewed By :Krupa Patel 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023

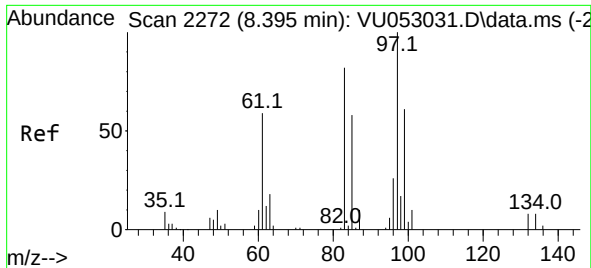


#44
trans-1,3-Dichloropropene
Concen: 0.180 ug/L
RT: 8.209 min Scan# 2214
Delta R.T. 0.003 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03



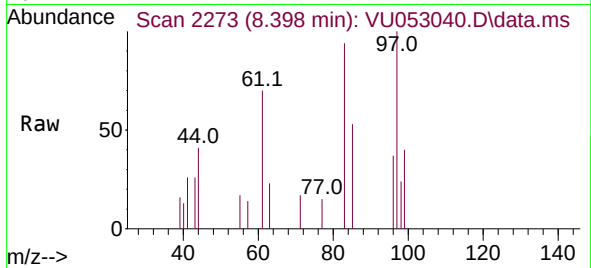
Tgt Ion: 75 Resp: 2086
Ion Ratio Lower Upper
75 100
77 39.2 22.3 41.3





#45
1,1,2-Trichloroethane
Concen: 0.230 ug/L
RT: 8.398 min Scan# 2272
Delta R.T. 0.003 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03

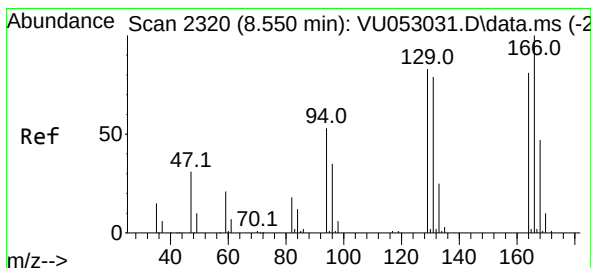
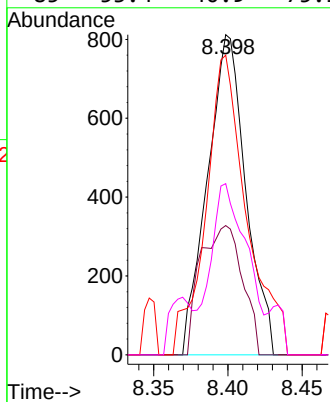
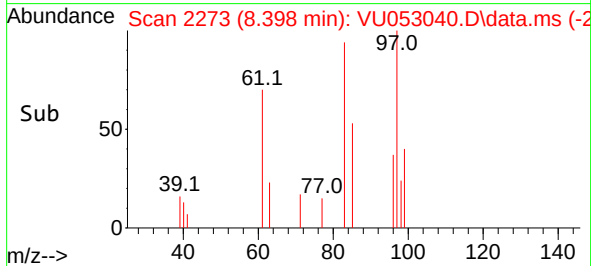
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2023-01



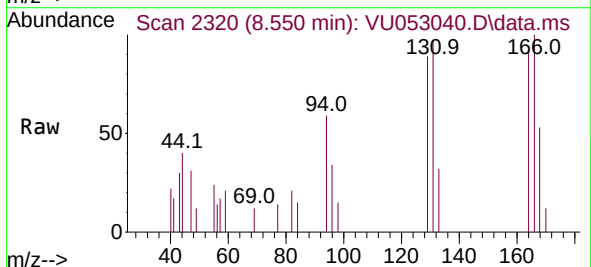
Tgt Ion	Ratio	Lower	Upper
97	100		
99	40.4	43.0	79.8
83	93.6	58.0	107.8
85	53.4	40.9	75.9

Manual Integrations
APPROVED

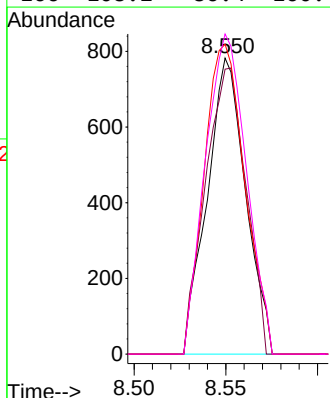
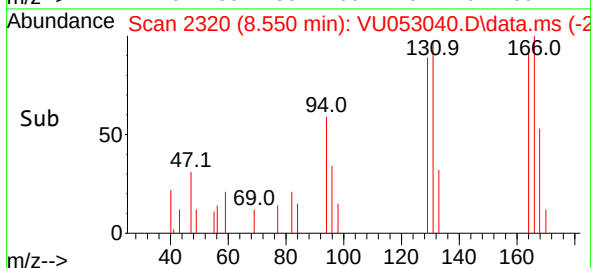
Reviewed By :Krupa Patel 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023

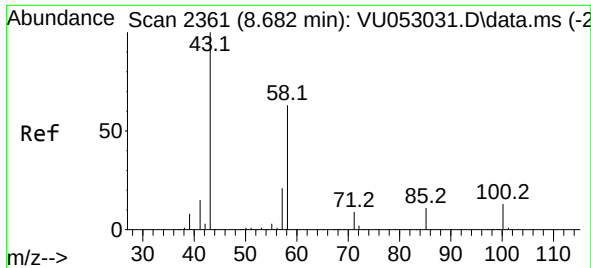


#47
Tetrachloroethene
Concen: 0.192 ug/L
RT: 8.550 min Scan# 2320
Delta R.T. -0.000 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03



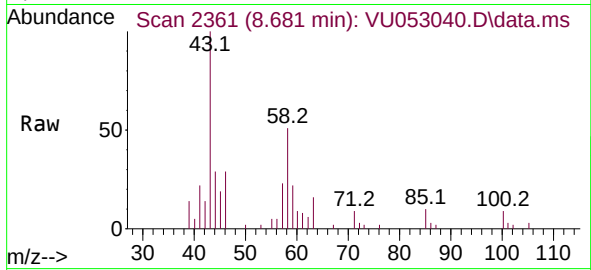
Tgt Ion	Ratio	Lower	Upper
164	100		
129	96.3	71.7	133.1
131	104.7	67.8	126.0
166	108.2	86.4	160.4





#48
2-Hexanone
Concen: 3.132 ug/L
RT: 8.681 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03

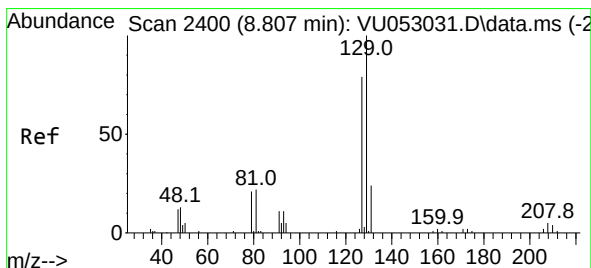
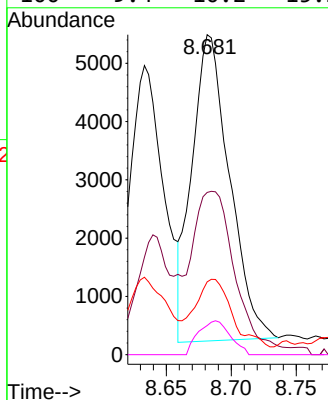
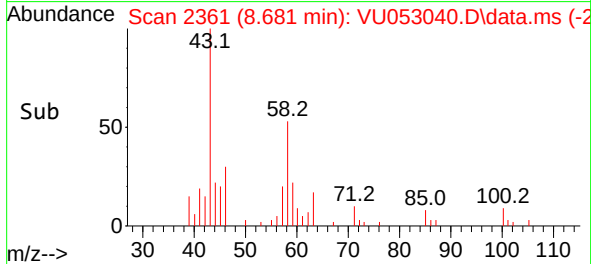
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT1-2023-01



Tgt Ion: 43 Resp: 10572
Ion Ratio Lower Upper
43 100
58 56.7 50.3 75.5
57 21.6 17.4 26.0
100 9.4 10.2 15.2#

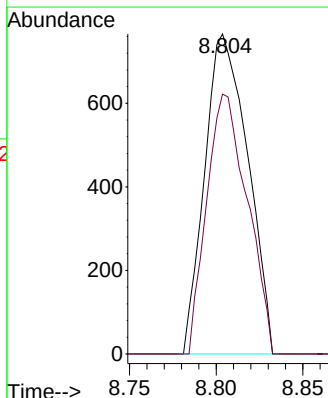
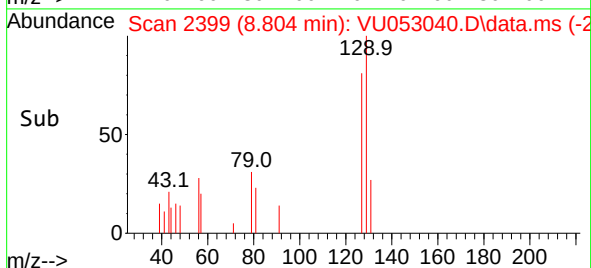
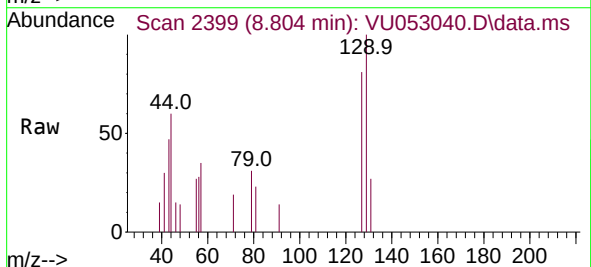
Manual Integrations
APPROVED

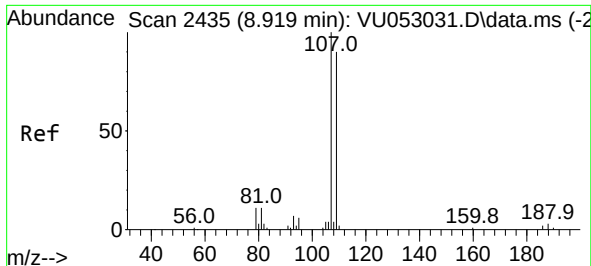
Reviewed By :Krupa Patel 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023



#49
Dibromochloromethane
Concen: 0.191 ug/L
RT: 8.804 min Scan# 2399
Delta R.T. -0.003 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03

Tgt Ion:129 Resp: 1325
Ion Ratio Lower Upper
129 100
127 81.2 54.9 102.1





#50

1,2-Dibromoethane

Concen: 0.201 ug/L

RT: 8.919 min Scan# 2435

Delta R.T. -0.000 min

Lab File: VU053040.D

Acq: 10 Feb 2023 16:03

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2023-01

Tgt Ion:107 Resp: 1179

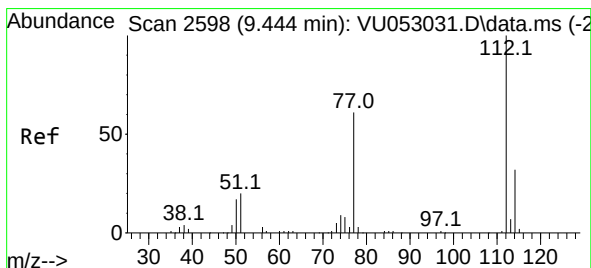
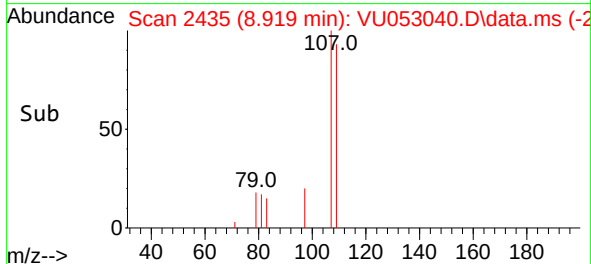
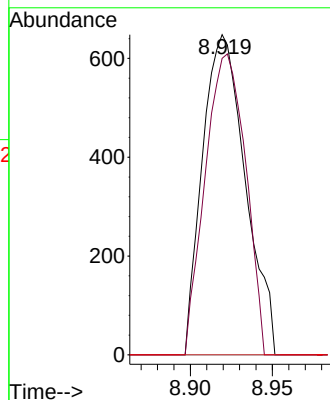
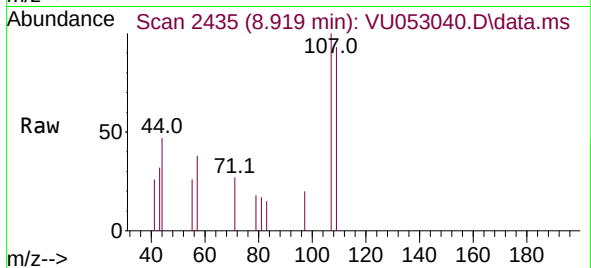
Ion	Ratio	Lower	Upper
107	100		
109	92.6	63.1	117.1
188	0.0	2.5	3.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/13/2023

Supervised By :Mahesh Dadoda 02/13/2023



#51

Chlorobenzene

Concen: 0.195 ug/L

RT: 9.443 min Scan# 2598

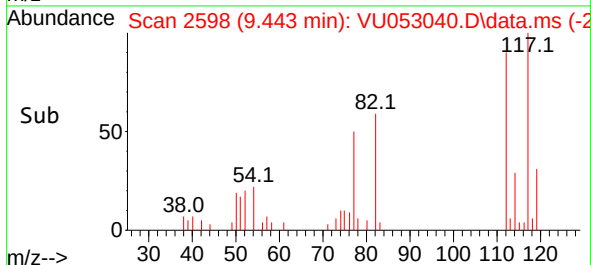
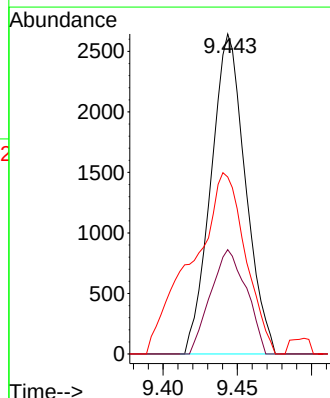
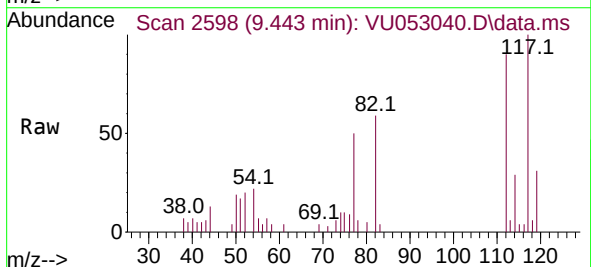
Delta R.T. -0.000 min

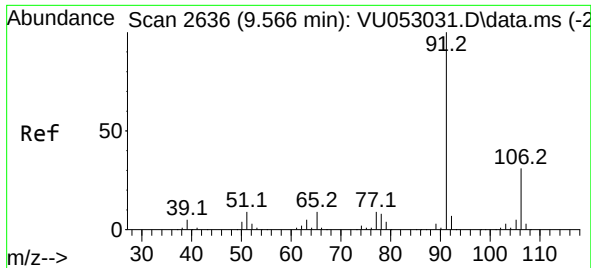
Lab File: VU053040.D

Acq: 10 Feb 2023 16:03

Tgt Ion:112 Resp: 4272

Ion	Ratio	Lower	Upper
112	100		
114	32.6	22.3	41.3
77	55.3	48.9	73.3





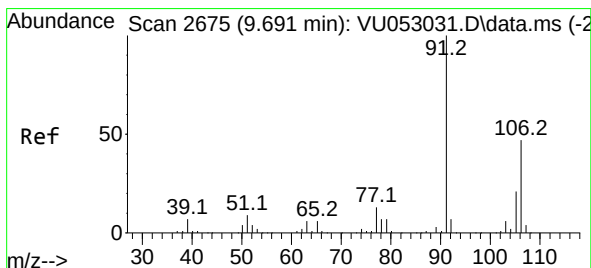
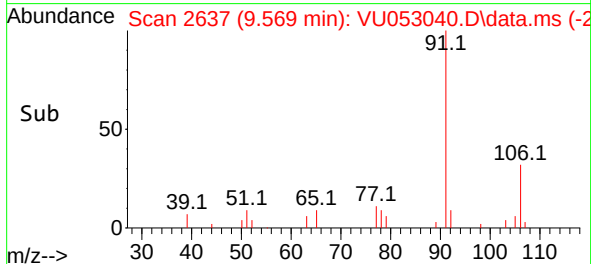
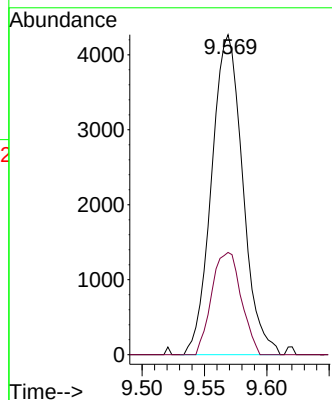
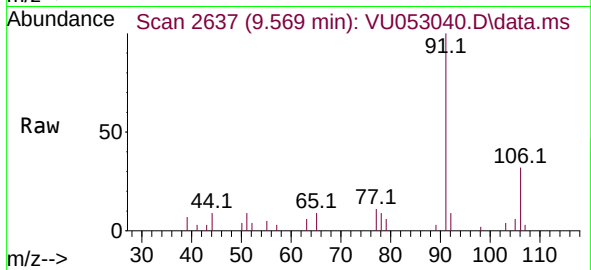
#52
Ethylbenzene
Concen: 0.186 ug/L
RT: 9.569 min Scan# 2636
Delta R.T. 0.003 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03

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

Tgt Ion: 91 Resp: 742
Ion Ratio Lower Upper
91 100
106 32.0 21.4 39.8

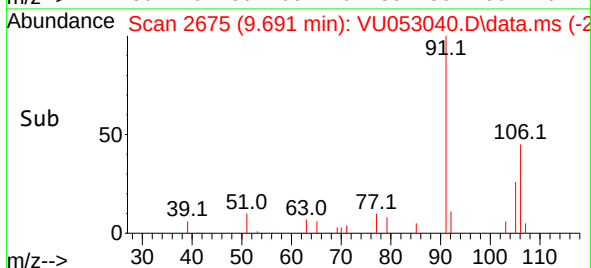
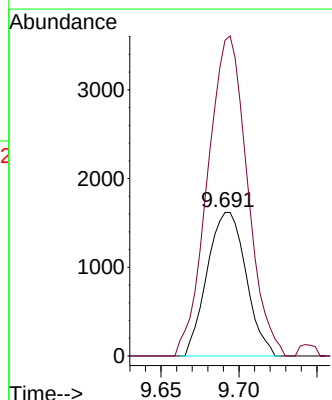
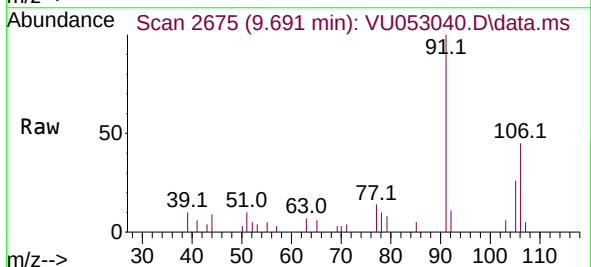
Manual Integrations
APPROVED

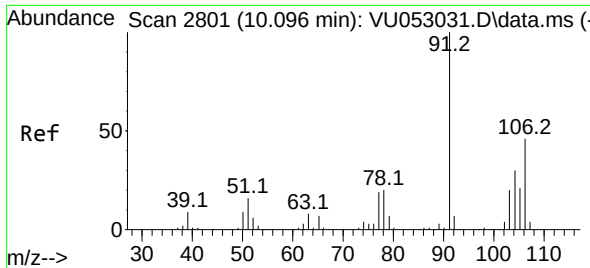
Reviewed By :Krupa Patel 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023



#53
m,p-Xylene
Concen: 0.188 ug/L
RT: 9.691 min Scan# 2675
Delta R.T. -0.000 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03

Tgt Ion:106 Resp: 2806
Ion Ratio Lower Upper
106 100
91 219.9 149.9 278.3





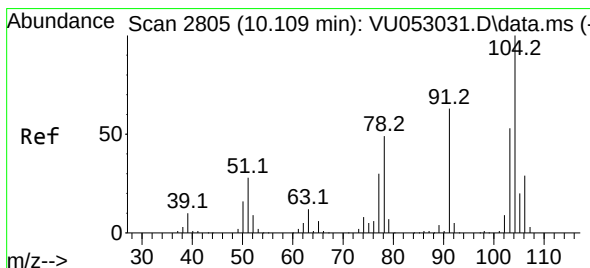
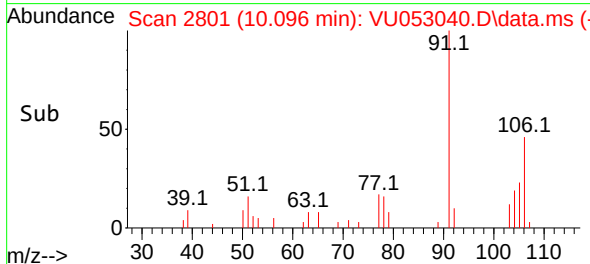
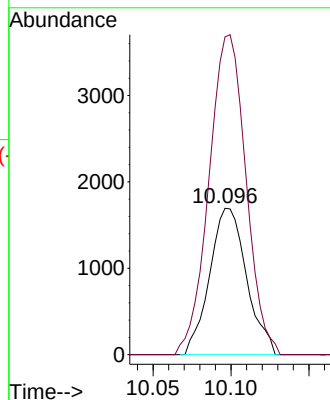
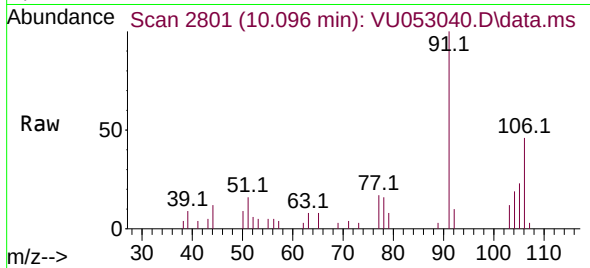
#54
o-Xylene
Concen: 0.193 ug/L
RT: 10.096 min Scan# 2801
Delta R.T. -0.000 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03

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

Tgt Ion:106 Resp: 279
Ion Ratio Lower Upper
106 100
91 217.0 153.6 285.2

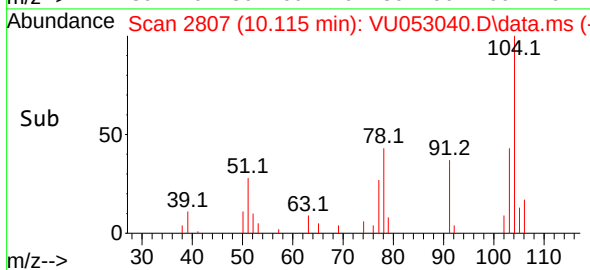
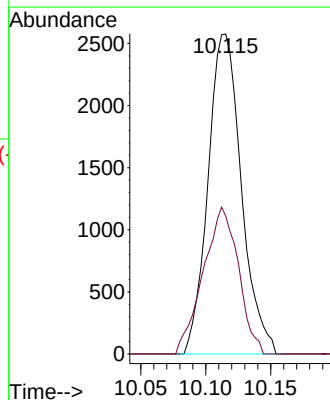
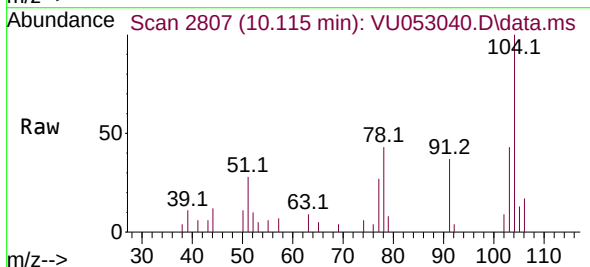
Manual Integrations
APPROVED

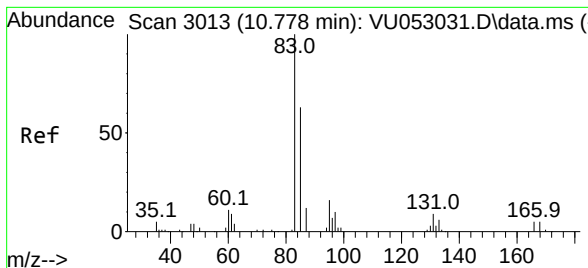
Reviewed By :Krupa Patel 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023



#55
Styrene
Concen: 0.196 ug/L
RT: 10.115 min Scan# 2807
Delta R.T. 0.006 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03

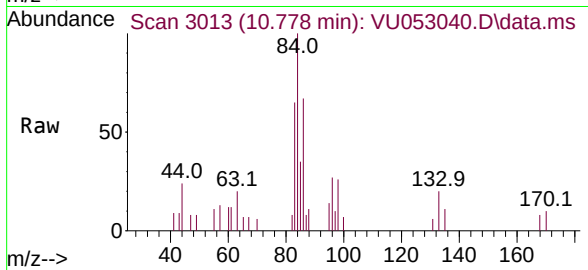
Tgt Ion:104 Resp: 4590
Ion Ratio Lower Upper
104 100
78 43.0 34.3 63.7





#57
1,1,2,2-Tetrachloroethane
Concen: 0.232 ug/L
RT: 10.778 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03

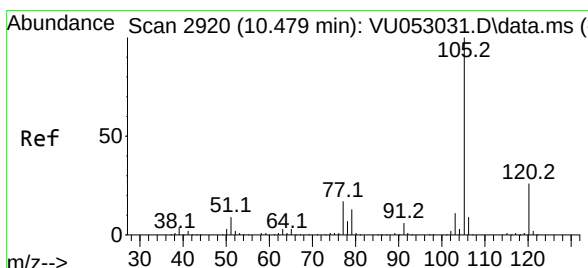
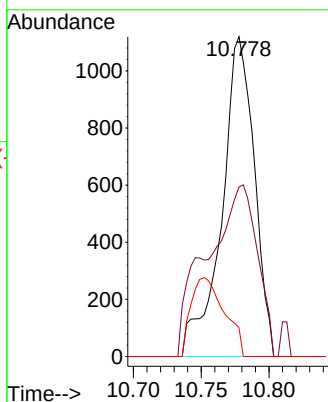
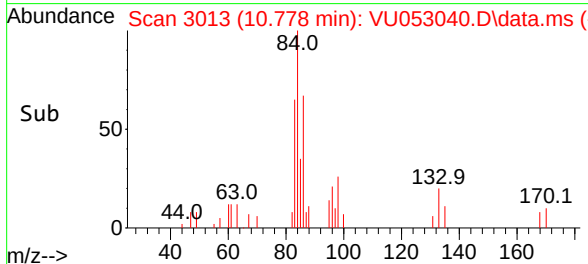
Instrument : MSVOA_U
ClientSampleId : VU053040.D
MDL-WATER-QT1-2023-01



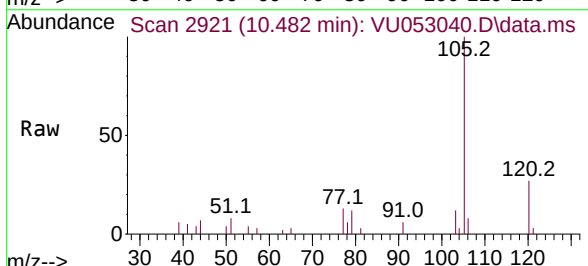
Tgt Ion: 83 Resp: 186
Ion Ratio Lower Upper
83 100
85 53.0 44.7 82.9
131 9.0 7.8 11.6

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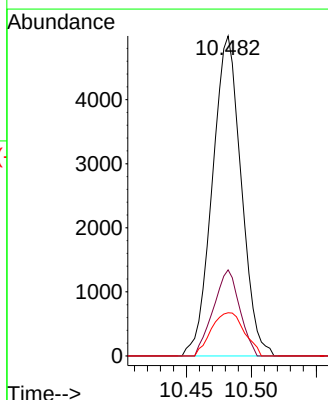
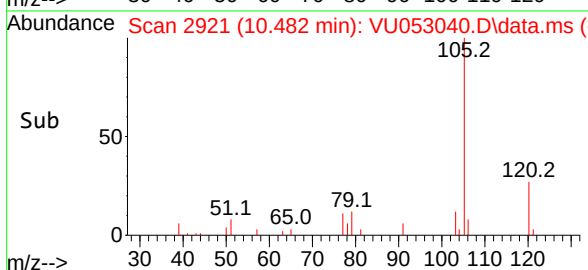
Reviewed By :Krupa Patel 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023

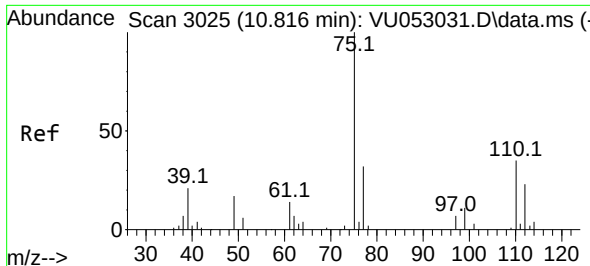


#60
Isopropylbenzene
Concen: 0.203 ug/L
RT: 10.482 min Scan# 2921
Delta R.T. 0.003 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03



Tgt Ion:105 Resp: 7691
Ion Ratio Lower Upper
105 100
120 24.5 20.6 31.0
77 15.5 13.0 19.6





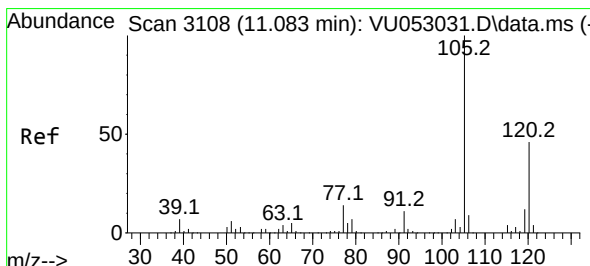
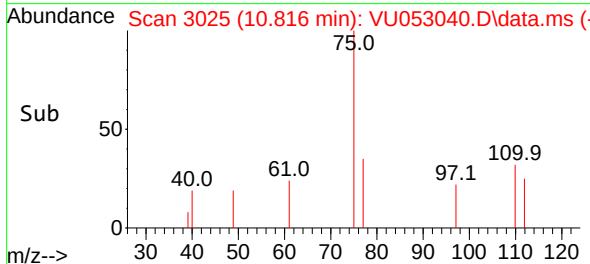
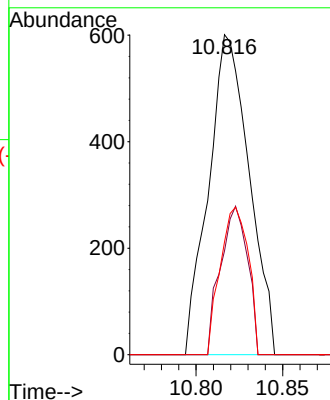
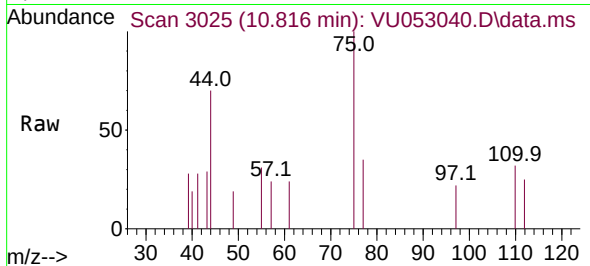
#61
1,2,3-Trichloropropane
Concen: 0.195 ug/L
RT: 10.816 min Scan# 3025
Delta R.T. -0.000 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03

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

Tgt Ion: 75 Resp: 979
Ion Ratio Lower Upper
75 100
110 30.9 28.6 42.8
77 31.7 27.6 41.4

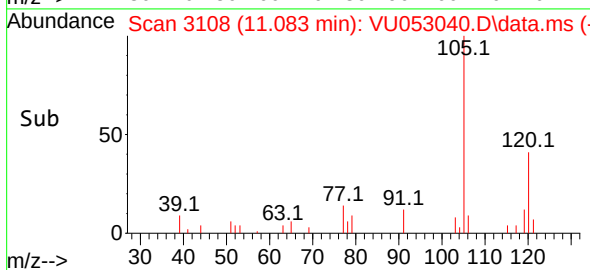
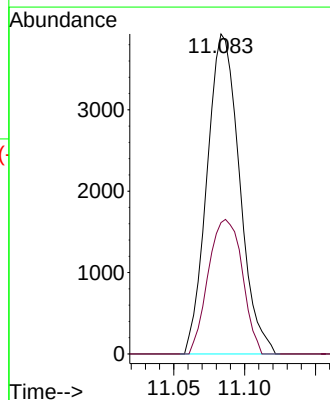
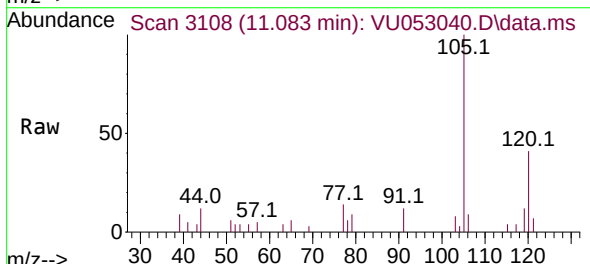
Manual Integrations
APPROVED

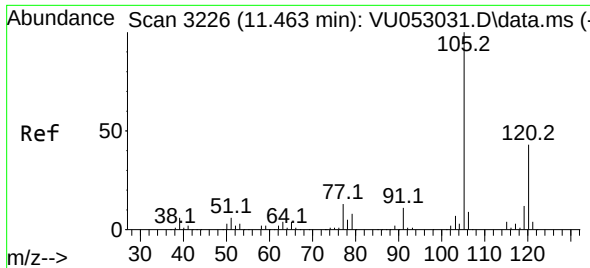
Reviewed By :Krupa Patel 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023



#62
1,3,5-Trimethylbenzene
Concen: 0.196 ug/L
RT: 11.083 min Scan# 3108
Delta R.T. -0.000 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03

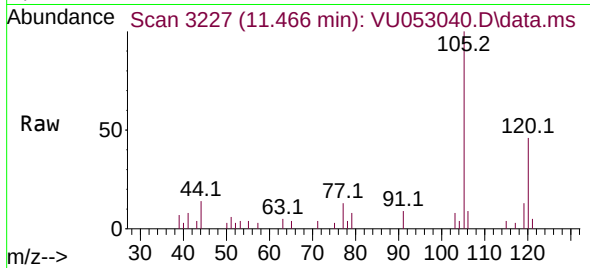
Tgt Ion:105 Resp: 6266
Ion Ratio Lower Upper
105 100
120 43.8 37.0 55.6





#63
1,2,4-Trimethylbenzene
Concen: 0.194 ug/L
RT: 11.466 min Scan# 3226
Delta R.T. 0.003 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03

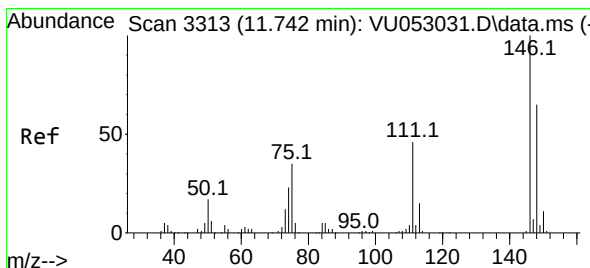
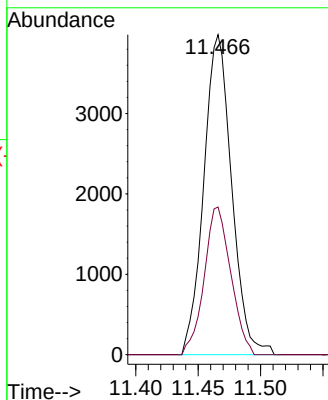
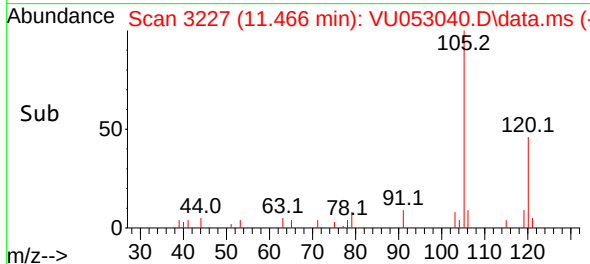
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2023-01



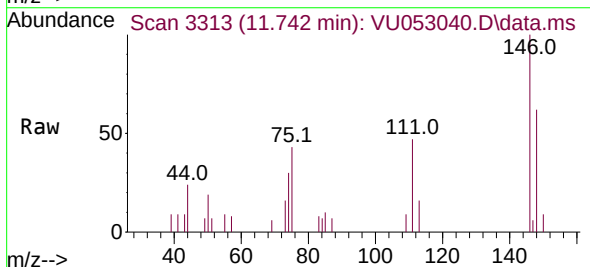
Tgt Ion:105 Resp: 6210
Ion Ratio Lower Upper
105 100
120 43.9 34.7 52.1

Manual Integrations
APPROVED

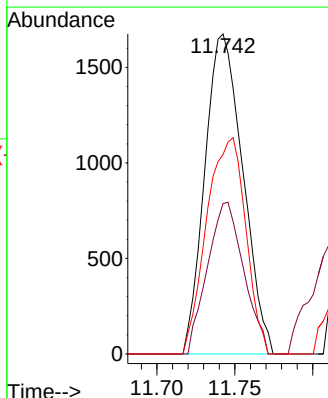
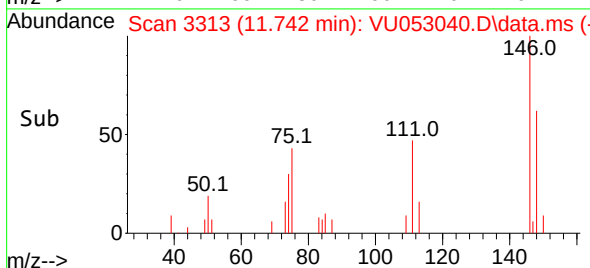
Reviewed By :Krupa Patel 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023

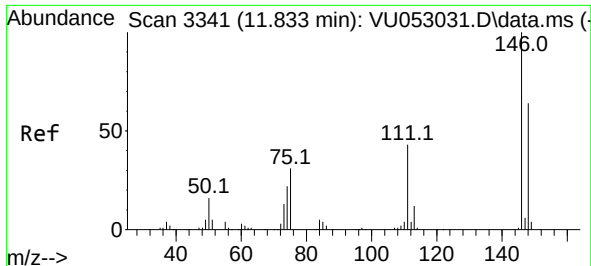


#64
1,3-Dichlorobenzene
Concen: 0.185 ug/L
RT: 11.742 min Scan# 3313
Delta R.T. -0.000 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03



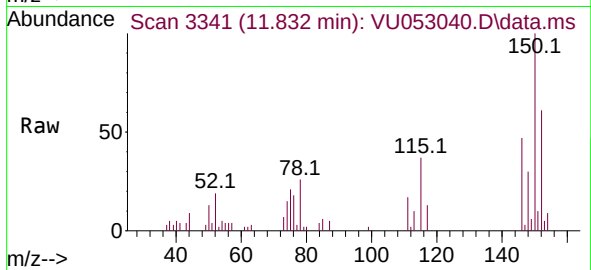
Tgt Ion:146 Resp: 2840
Ion Ratio Lower Upper
146 100
111 47.0 32.0 59.4
148 62.3 45.3 84.1





#65
1,4-Dichlorobenzene
Concen: 0.214 ug/L
RT: 11.832 min Scan# 3341
Delta R.T. -0.000 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03

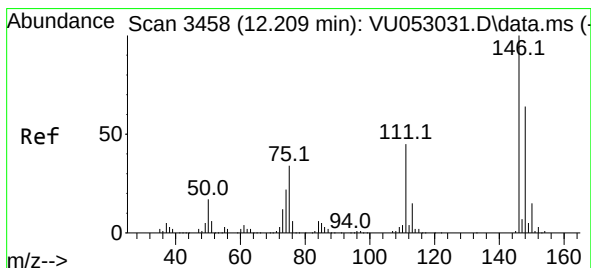
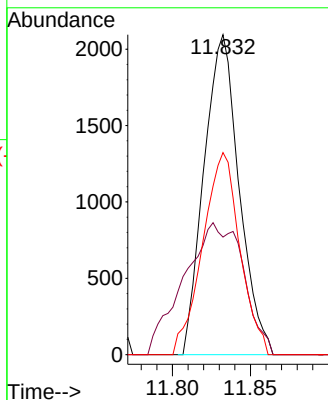
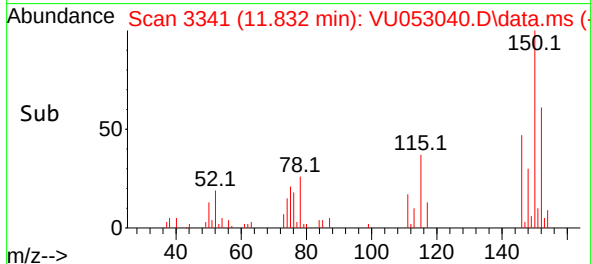
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT1-2023-01



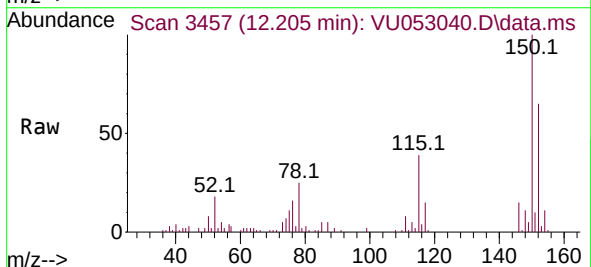
Tgt Ion:146 Resp: 3279
Ion Ratio Lower Upper
146 100
111 36.8 30.3 56.3
148 63.2 44.7 82.9

Manual Integrations
APPROVED

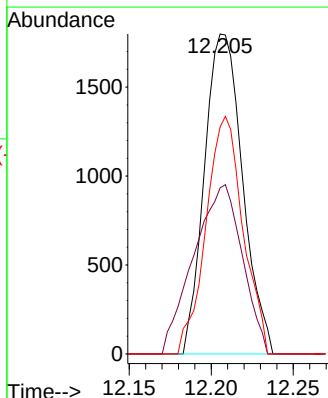
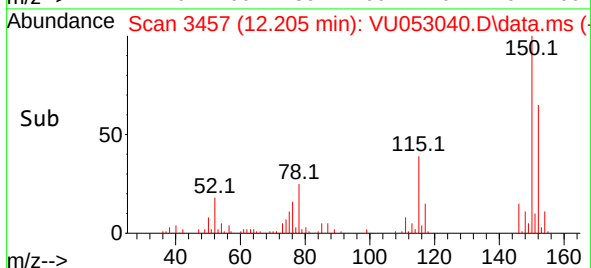
Reviewed By :Krupa Patel 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023

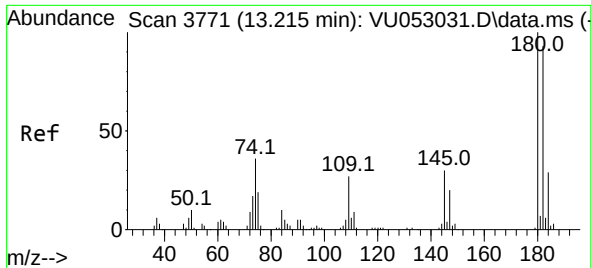


#67
1,2-Dichlorobenzene
Concen: 0.203 ug/L
RT: 12.205 min Scan# 3457
Delta R.T. -0.003 min
Lab File: VU053040.D
Acq: 10 Feb 2023 16:03



Tgt Ion:146 Resp: 2902
Ion Ratio Lower Upper
146 100
111 51.9 36.3 54.5
148 70.9 51.3 76.9





#69

1,3,5-Trichlorobenzene

Concen: 0.192 ug/L

RT: 13.218 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU053040.D

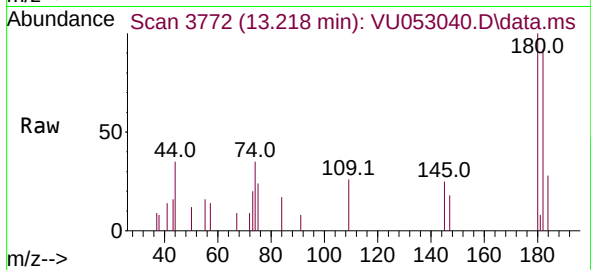
Acq: 10 Feb 2023 16:03

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2023-01



Tgt Ion:180 Resp: 2094

Ion Ratio Lower Upper

180 100

182 93.9 75.4 113.0

184 29.4 23.8 35.6

145 25.6 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/13/2023

Supervised By :Mahesh Dadoda 02/13/2023

