

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042023\
 Data File : VU053798.D
 Acq On : 20 Apr 2023 11:59
 Operator : JC/MD
 Sample : 02215-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT2-2023-04

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/22/2023
 Supervised By :Mahesh Dadoda 04/22/2023

Quant Time: Apr 21 04:19:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 19 04:58:28 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	131601	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	125809	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	61449	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	44701	4.938	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	98.800%	
7) Chloroethane-d5	1.912	69	36367	4.426	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.600%	
11) 1,1-Dichloroethene-d2	2.565	65	17137	4.444	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	88.800%	
20) 2-Butanone-d5	4.626	46	75454	36.381	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	72.760%	
24) Chloroform-d	5.060	84	75969	4.526	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.600%	
26) 1,2-Dichloroethane-d4	5.700	65	36348	4.226	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.600%	
32) Benzene-d6	5.722	84	154660	4.338	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.800%	
36) 1,2-Dichloropropane-d6	6.687	67	46954	4.322	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	86.400%	
41) Toluene-d8	7.896	98	137515	4.088	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.800%	
43) trans-1,3-Dichloroprop...	8.176	79	16529	3.965	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.200%	
46) 2-Hexanone-d5	8.629	63	61045	36.048	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	72.100%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	34376	3.801	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	76.000%	
66) 1,2-Dichlorobenzene-d4	12.188	152	48599	4.396	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	88.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	1566	0.166	ug/L	98
3) Chloromethane	1.520	50	1915	0.202	ug/L	88
5) Vinyl chloride	1.600	62	1878	0.175	ug/L #	31
6) Bromomethane	1.858	94	1348	0.199	ug/L	77
8) Chloroethane	1.935	64	1392	0.224	ug/L	89
9) Trichlorofluoromethane	2.137	101	2631	0.163	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	2067	0.252	ug/L #	72
12) 1,1-Dichloroethene	2.575	96	1681	0.226	ug/L #	1
14) Carbon disulfide	2.787	76	3169	0.145	ug/L	99
17) Methyl tert-butyl Ether	3.362	73	2764	0.153	ug/L #	92
18) trans-1,2-Dichloroethene	3.356	96	1251	0.162	ug/L	84
19) 1,1-Dichloroethane	3.861	63	2483	0.174	ug/L	87
22) cis-1,2-Dichloroethene	4.655	96	1201	0.115	ug/L #	77
23) Bromochloromethane	4.983	128	499	0.135	ug/L #	61
27) 1,2-Dichloroethane	5.793	62	1617	0.176	ug/L #	77
29) 1,1,1-Trichloroethane	5.314	97	2413	0.194	ug/L #	59
33) Benzene	5.771	78	5894	0.175	ug/L	100
37) 1,2-Dichloropropane	6.790	63	1384	0.155	ug/L #	97
38) Bromodichloromethane	7.102	83	1689	0.171	ug/L #	77

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

39) cis-1,3-Dichloropropene	7.610	75	1915	0.146	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	6151	1.412	ug/L #	59
45) 1,1,2-Trichloroethane	8.401	97	976	0.154	ug/L #	85
47) Tetrachloroethene	8.552	164	1047	0.159	ug/L	91
48) 2-Hexanone	8.684	43	7283	2.261	ug/L #	85
49) Dibromochloromethane	8.806	129	1059	0.169	ug/L	87
50) 1,2-Dibromoethane	8.922	107	1022	0.167	ug/L #	86
51) Chlorobenzene	9.446	112	4314	0.186	ug/L #	86
52) Ethylbenzene	9.568	91	5924	0.148	ug/L	99
53) m,p-Xylene	9.697	106	2094	0.137	ug/L	92
54) o-Xylene	10.099	106	2037	0.140	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.774	83	1216	0.152	ug/L #	94
60) Isopropylbenzene	10.481	105	5343	0.143	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	4443	0.147	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	4083	0.132	ug/L	95
64) 1,3-Dichlorobenzene	11.748	146	3264	0.199	ug/L	89
65) 1,4-Dichlorobenzene	11.828	146	3564	0.216	ug/L #	82
67) 1,2-Dichlorobenzene	12.208	146	2693	0.173	ug/L #	84
69) 1,3,5-Trichlorobenzene	13.221	180	2078	0.181	ug/L	93

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

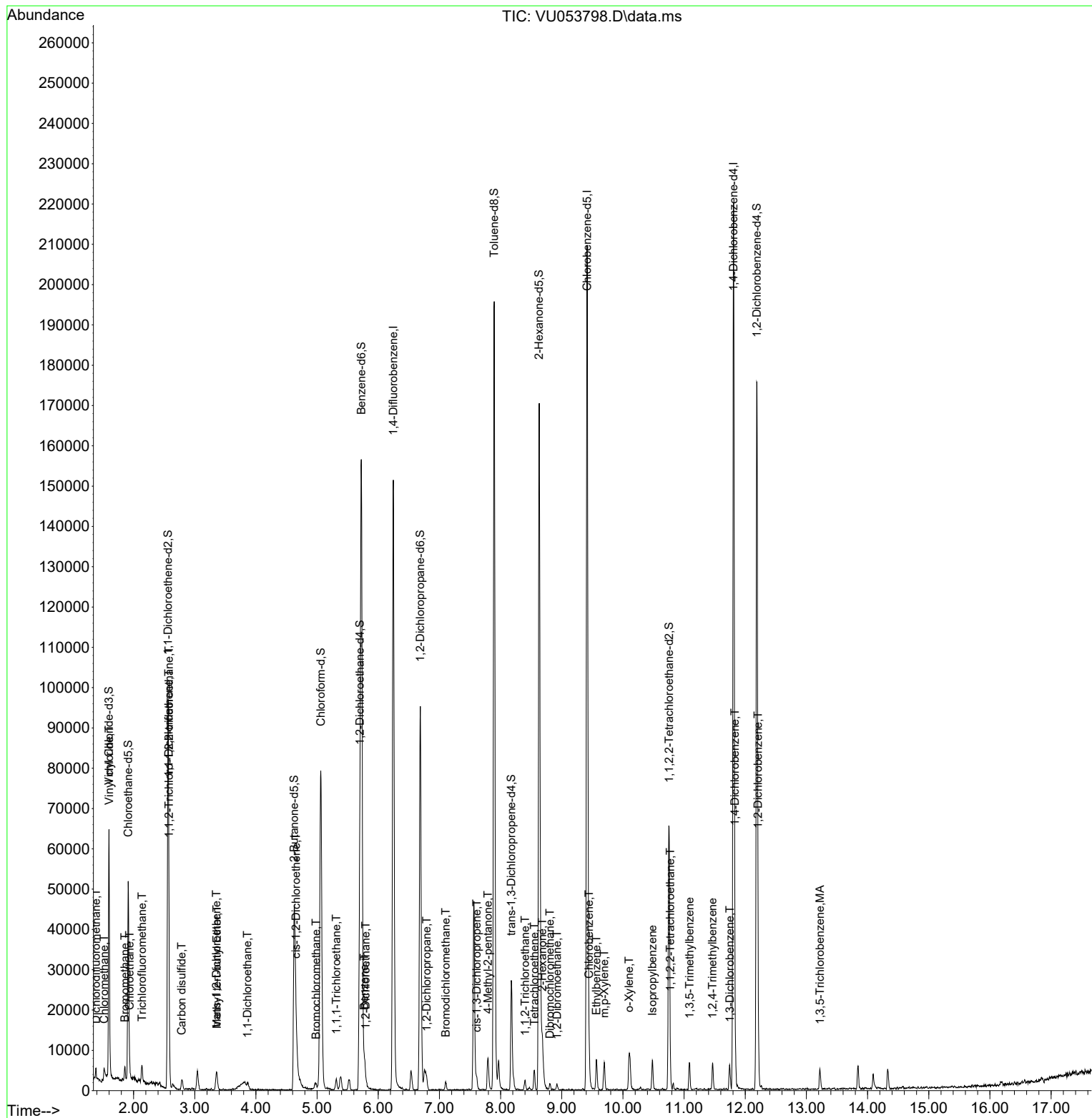
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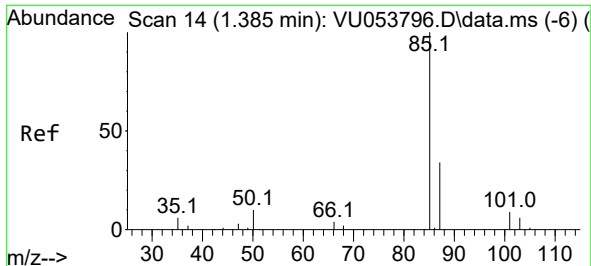
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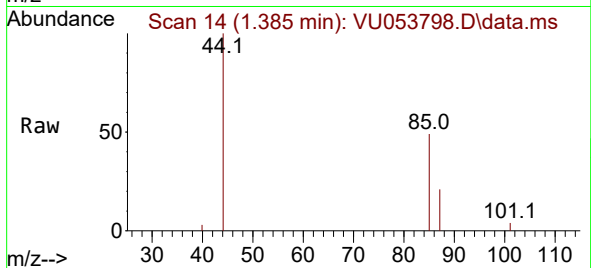
Reviewed By :Krupa Patel 04/22/2023
 Supervised By :Mahesh Dadoda 04/22/2023





#2
Dichlorodifluoromethane
Concen: 0.166 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU053798.D
Acq: 20 Apr 2023 11:59

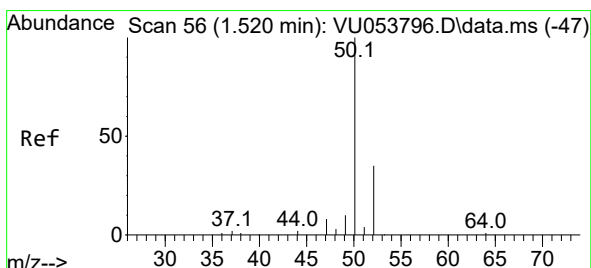
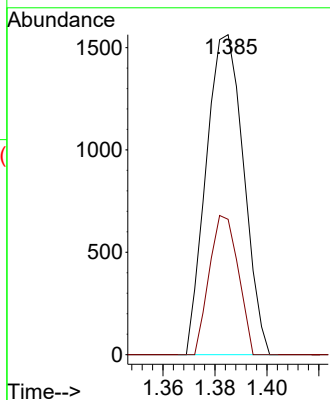
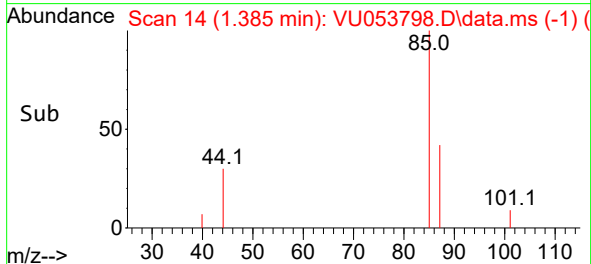
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-04



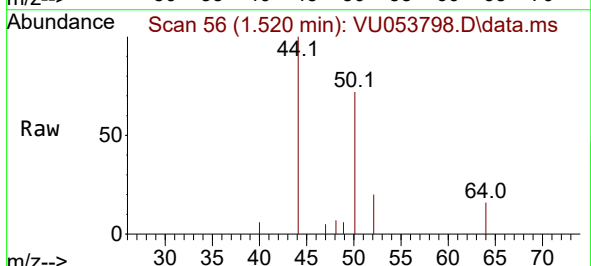
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Ion Ratio Lower Upper
85 100
87 33.5 26.1 39.1

Manual Integrations
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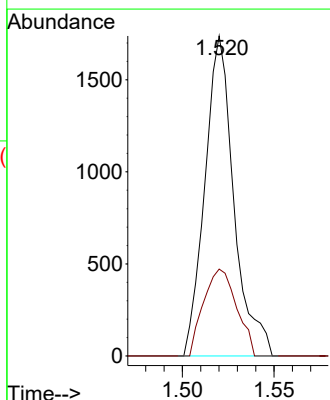
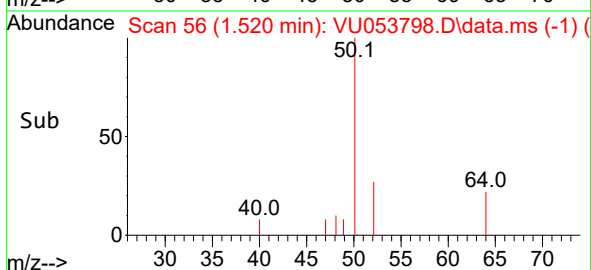
Reviewed By :Krupa Patel 04/22/2023
Supervised By :Mahesh Dadoda 04/22/2023

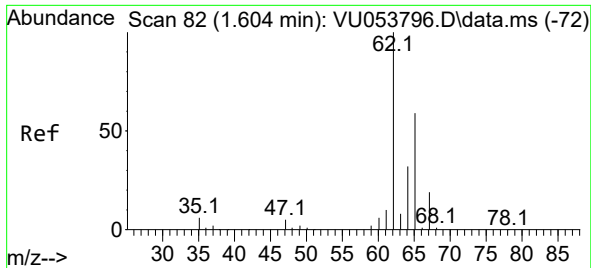


#3
Chloromethane
Concen: 0.202 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU053798.D
Acq: 20 Apr 2023 11:59



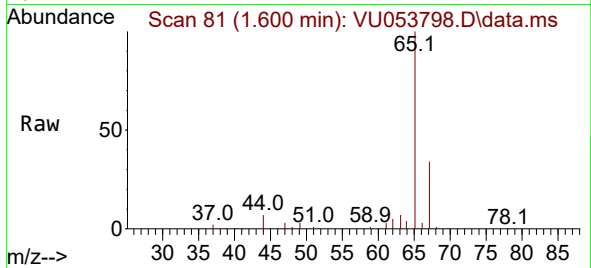
Tgt Ion: 50 Resp: 1915
Ion Ratio Lower Upper
50 100
52 27.2 23.9 44.3





#5
 Vinyl chloride
 Concen: 0.175 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU053798.D
 Acq: 20 Apr 2023 11:59

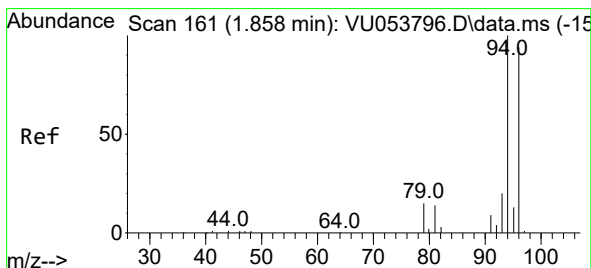
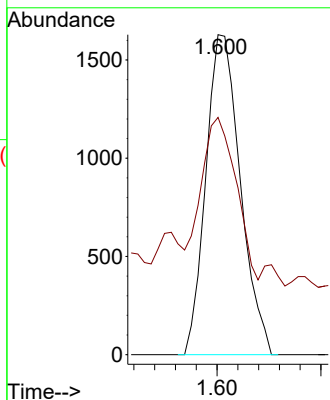
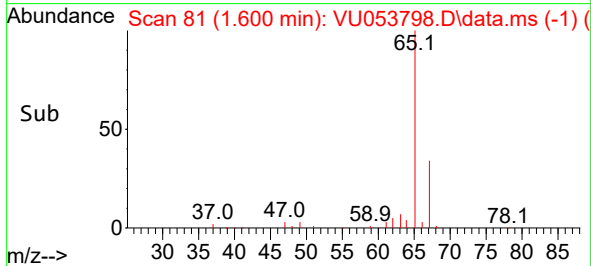
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT2-2023-04



Tgt Ion: 62 Resp: 1878
 Ion Ratio Lower Upper
 62 100
 64 74.2 24.1 44.7

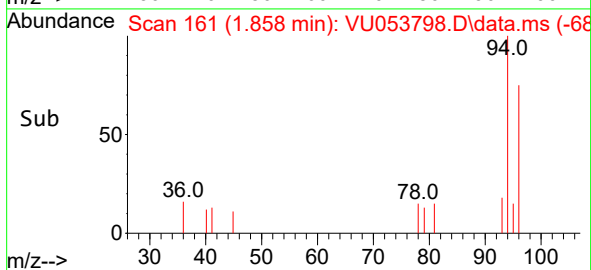
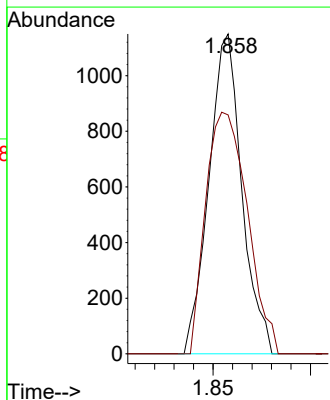
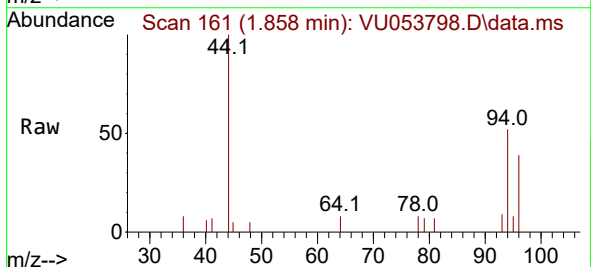
Manual Integrations
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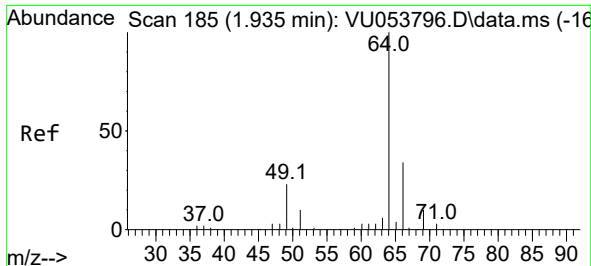
Reviewed By :Krupa Patel 04/22/2023
 Supervised By :Mahesh Dadoda 04/22/2023



#6
 Bromomethane
 Concen: 0.199 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. -0.000 min
 Lab File: VU053798.D
 Acq: 20 Apr 2023 11:59

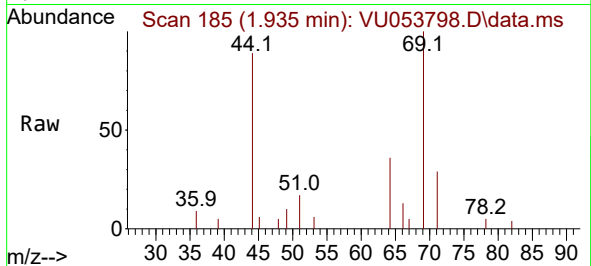
Tgt Ion: 94 Resp: 1348
 Ion Ratio Lower Upper
 94 100
 96 74.7 68.3 126.8





#8
Chloroethane
Concen: 0.224 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.003 min
Lab File: VU053798.D
Acq: 20 Apr 2023 11:59

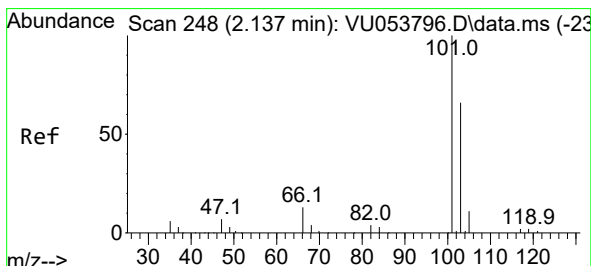
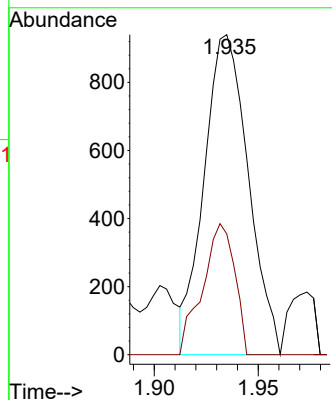
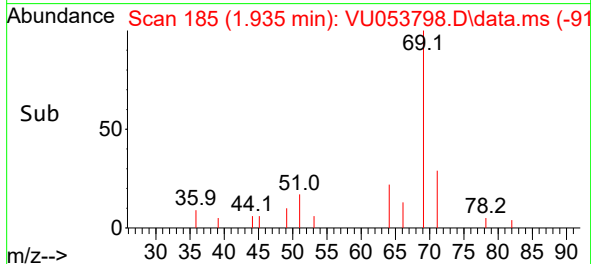
Instrument :
MSVOA_U
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MDL-WATER-QT2-2023-04



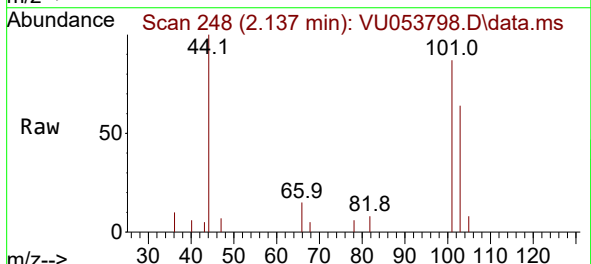
Tgt Ion: 64 Resp: 1392
Ion Ratio Lower Upper
64 100
66 37.8 22.3 41.5

Manual Integrations
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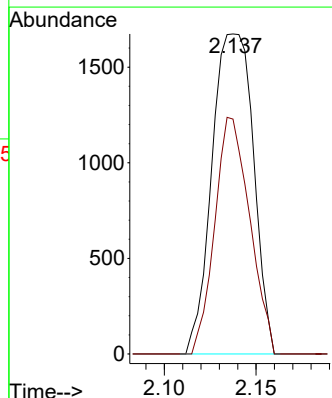
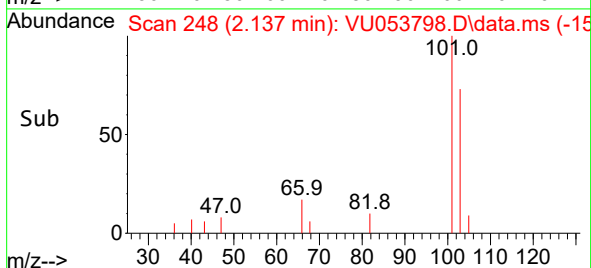
Reviewed By :Krupa Patel 04/22/2023
Supervised By :Mahesh Dadoda 04/22/2023

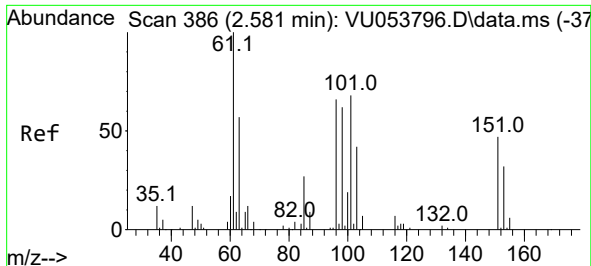


#9
Trichlorofluoromethane
Concen: 0.163 ug/L
RT: 2.137 min Scan# 248
Delta R.T. -0.000 min
Lab File: VU053798.D
Acq: 20 Apr 2023 11:59



Tgt Ion:101 Resp: 2631
Ion Ratio Lower Upper
101 100
103 62.4 50.2 75.2





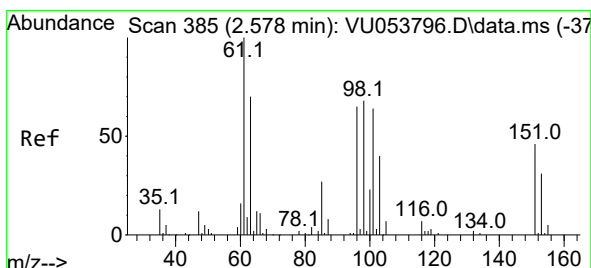
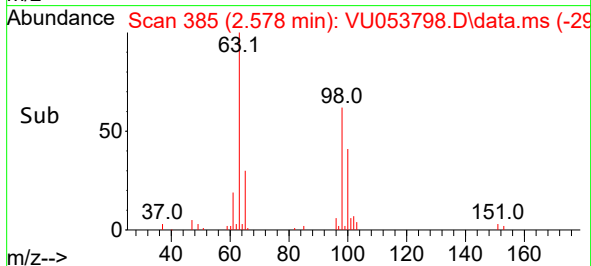
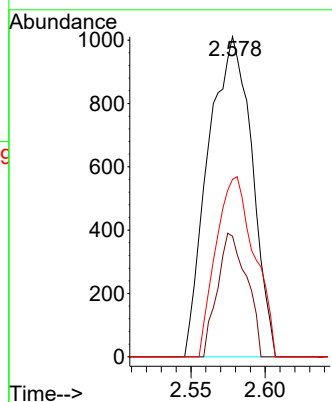
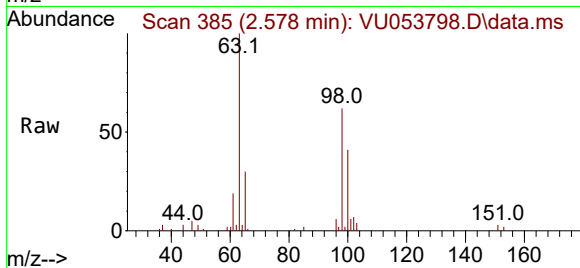
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.252 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU053798.D
Acq: 20 Apr 2023 11:59

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-04

Tgt Ion: 101 Resp: 206
Ion Ratio Lower Upper
101 100
85 25.9 37.0 55.4
151 49.6 56.8 85.2

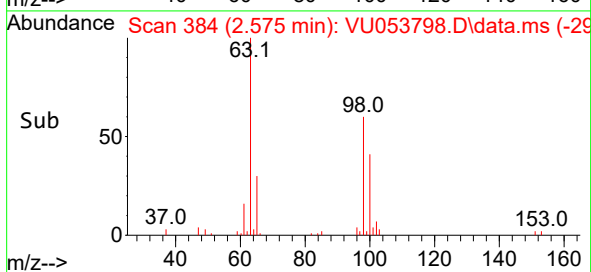
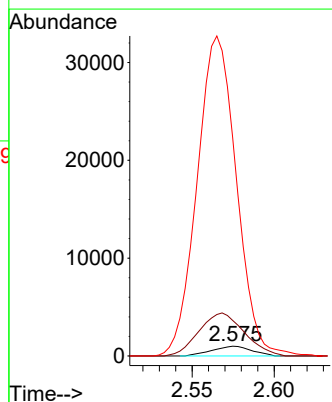
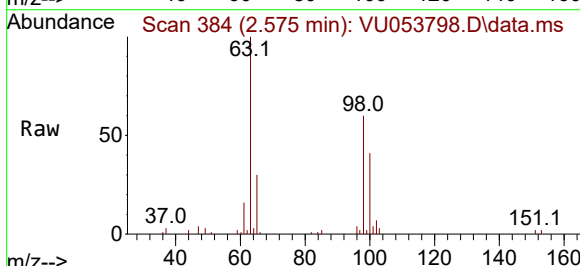
Manual Integrations
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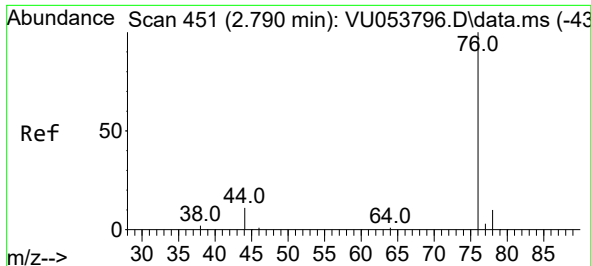
Reviewed By :Krupa Patel 04/22/2023
Supervised By :Mahesh Dadoda 04/22/2023



#12
1,1-Dichloroethene
Concen: 0.226 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.003 min
Lab File: VU053798.D
Acq: 20 Apr 2023 11:59

Tgt Ion: 96 Resp: 1681
Ion Ratio Lower Upper
96 100
61 364.9 116.8 216.8#
63 2243.9 88.6 164.6#





#14

Carbon disulfide

Concen: 0.145 ug/L

RT: 2.787 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU053798.D

Acq: 20 Apr 2023 11:59

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT2-2023-04

Tgt Ion: 76 Resp: 3169

Ion Ratio Lower Upper

76 100

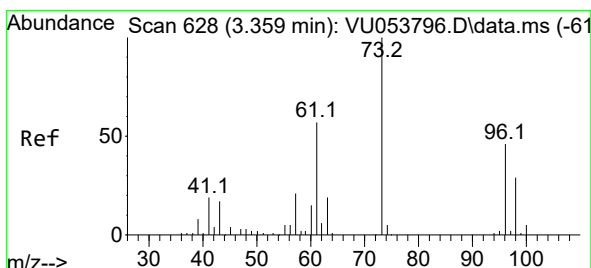
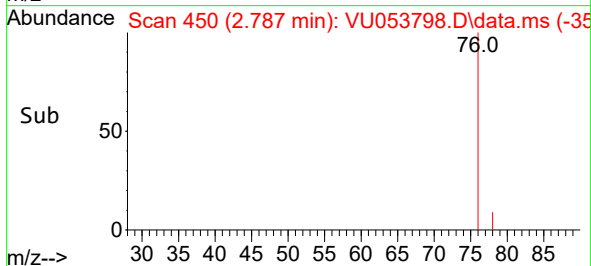
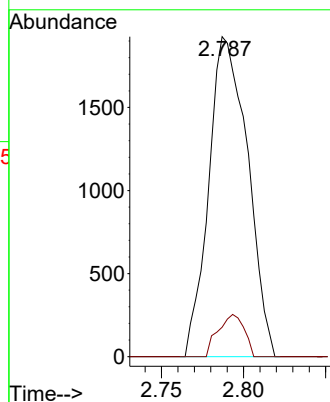
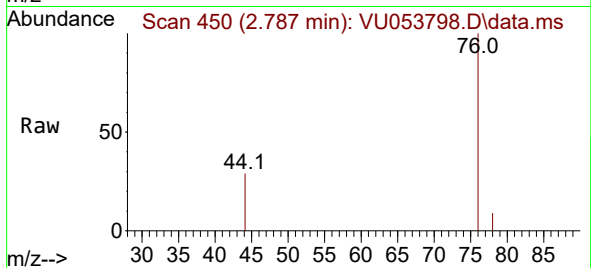
78 9.2 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/22/2023

Supervised By :Mahesh Dadoda 04/22/2023



#17

Methyl tert-butyl Ether

Concen: 0.153 ug/L

RT: 3.362 min Scan# 629

Delta R.T. 0.003 min

Lab File: VU053798.D

Acq: 20 Apr 2023 11:59

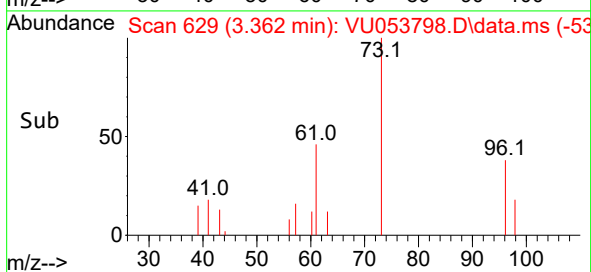
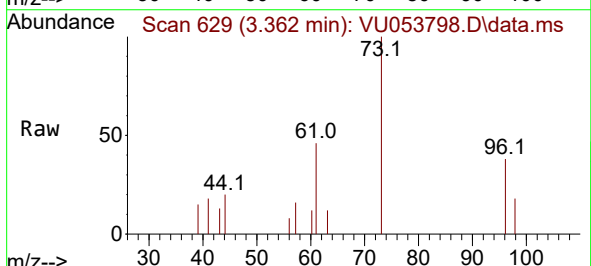
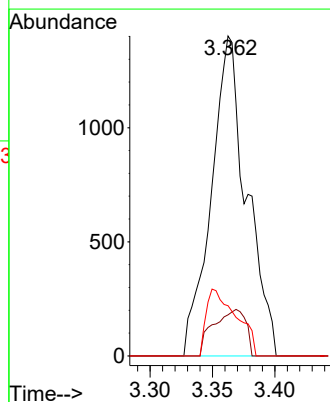
Tgt Ion: 73 Resp: 2764

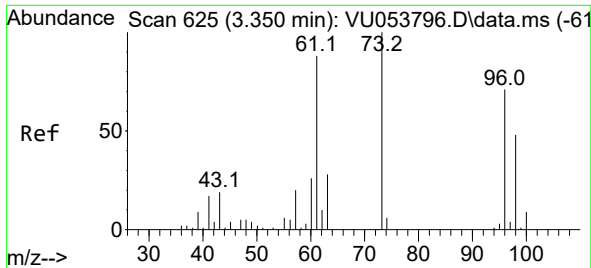
Ion Ratio Lower Upper

73 100

43 13.3 13.9 20.9#

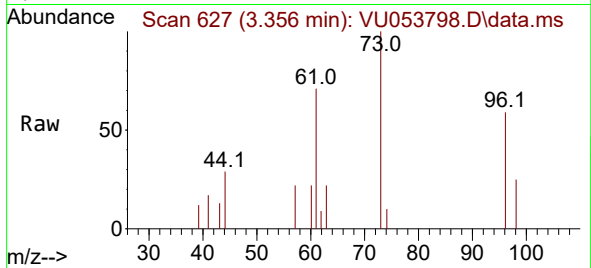
57 17.8 17.0 25.6





#18
trans-1,2-Dichloroethene
Concen: 0.162 ug/L
RT: 3.356 min Scan# 61
Delta R.T. 0.006 min
Lab File: VU053798.D
Acq: 20 Apr 2023 11:59

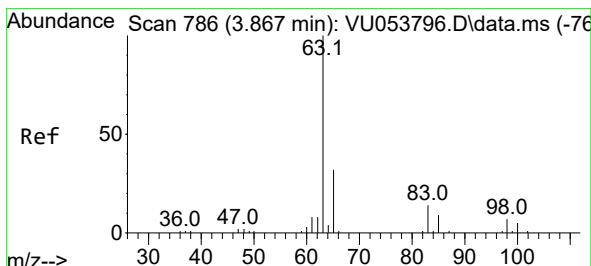
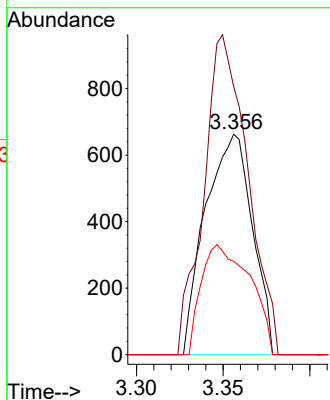
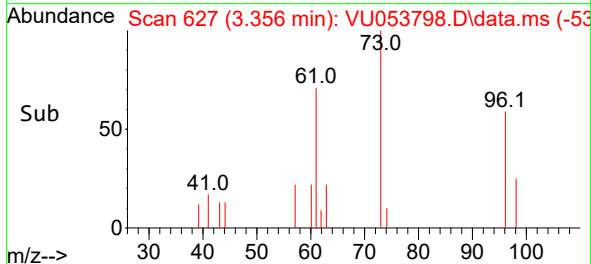
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-04



Tgt Ion: 96 Resp: 125
Ion Ratio Lower Upper
96 100
61 121.7 95.5 177.3
98 42.4 42.2 78.4

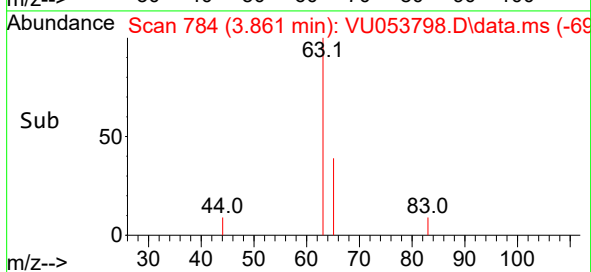
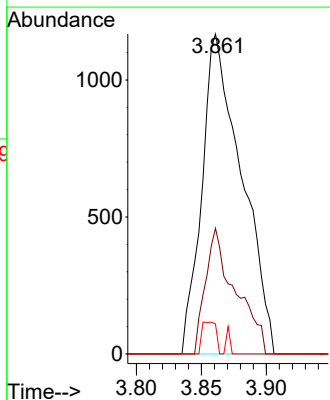
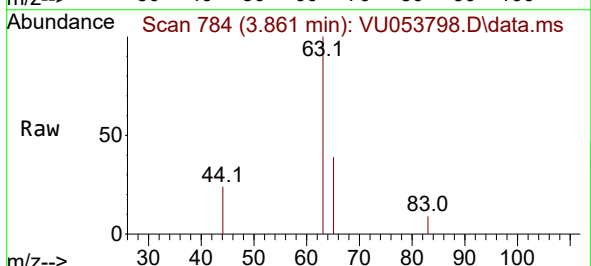
Manual Integrations
APPROVED

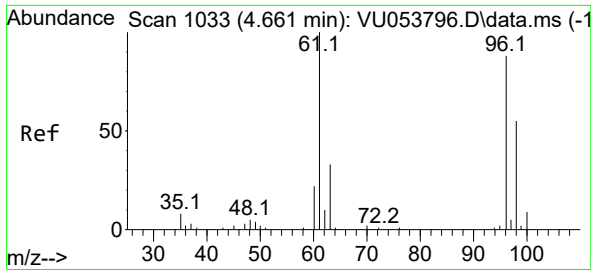
Reviewed By :Krupa Patel 04/22/2023
Supervised By :Mahesh Dadoda 04/22/2023



#19
1,1-Dichloroethane
Concen: 0.174 ug/L
RT: 3.861 min Scan# 784
Delta R.T. -0.007 min
Lab File: VU053798.D
Acq: 20 Apr 2023 11:59

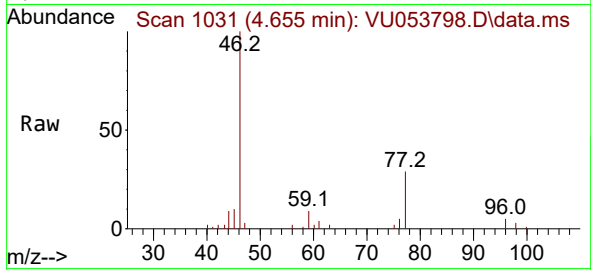
Tgt Ion: 63 Resp: 2483
Ion Ratio Lower Upper
63 100
65 39.3 21.7 40.3
83 9.4 8.1 15.1





#22
cis-1,2-Dichloroethene
Concen: 0.115 ug/L
RT: 4.655 min Scan# 1031
Delta R.T. -0.007 min
Lab File: VU053798.D
Acq: 20 Apr 2023 11:59

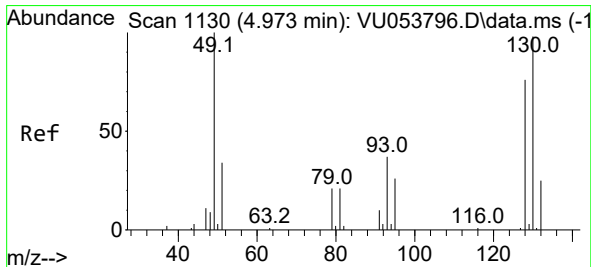
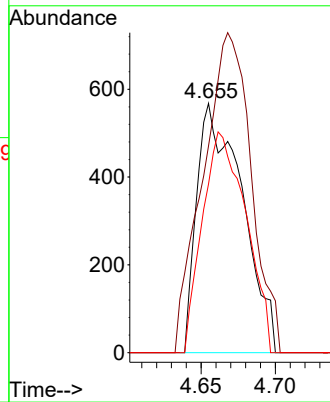
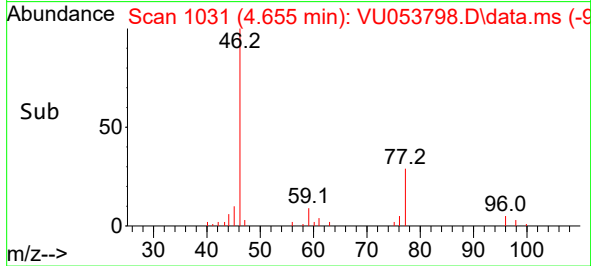
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-04



Tgt Ion: 96 Resp: 120
Ion Ratio Lower Upper
96 100
61 82.9 86.6 160.8
98 67.6 47.7 88.5

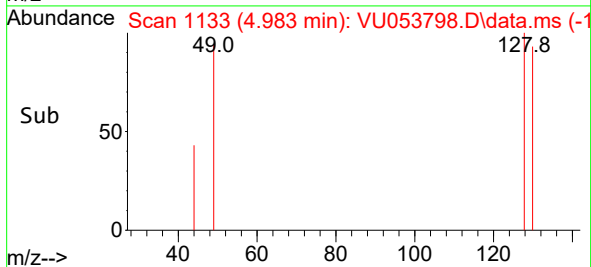
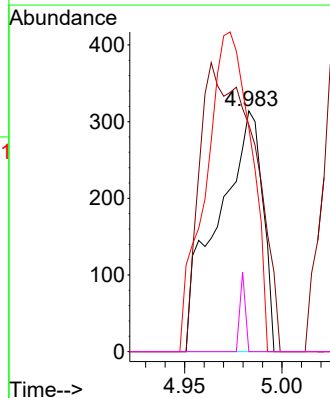
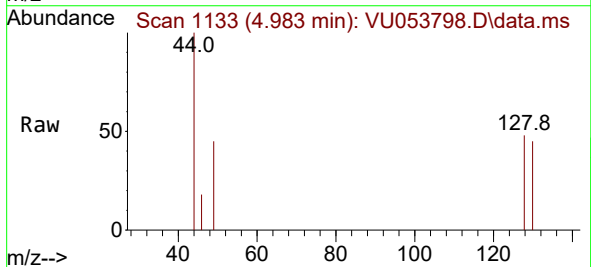
Manual Integrations
APPROVED

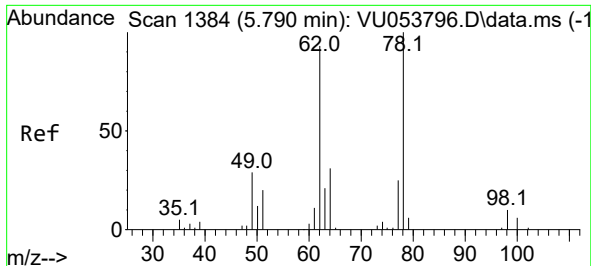
Reviewed By :Krupa Patel 04/22/2023
Supervised By :Mahesh Dadoda 04/22/2023



#23
Bromochloromethane
Concen: 0.135 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. 0.013 min
Lab File: VU053798.D
Acq: 20 Apr 2023 11:59

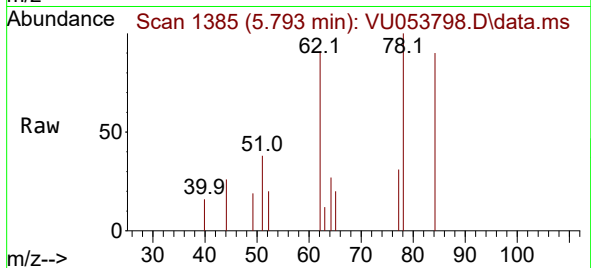
Tgt Ion:128 Resp: 499
Ion Ratio Lower Upper
128 100
49 94.3 102.8 190.8#
130 93.0 85.1 158.1
51 0.0 36.2 54.4#





#27
1,2-Dichloroethane
Concen: 0.176 ug/L
RT: 5.793 min Scan# 1385
Delta R.T. 0.003 min
Lab File: VU053798.D
Acq: 20 Apr 2023 11:59

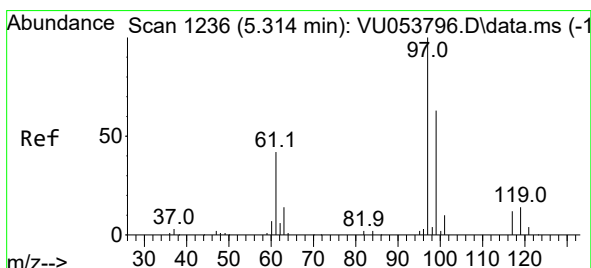
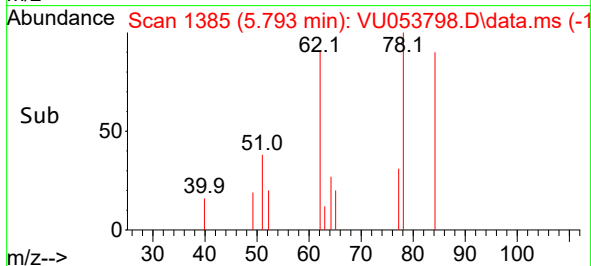
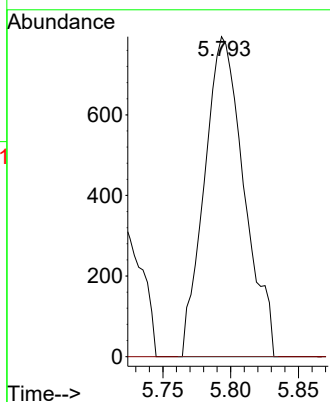
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2023-04



Tgt Ion: 62 Resp: 161
Ion Ratio Lower Upper
62 100
98 0.0 6.4 9.6

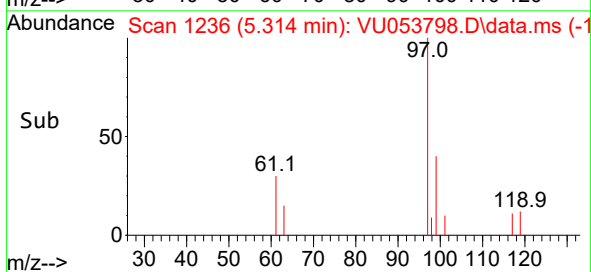
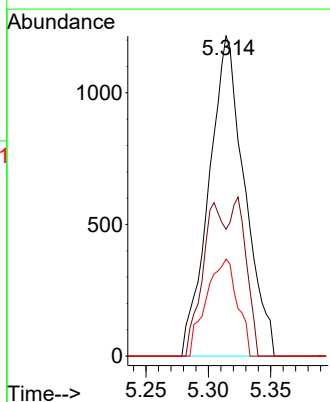
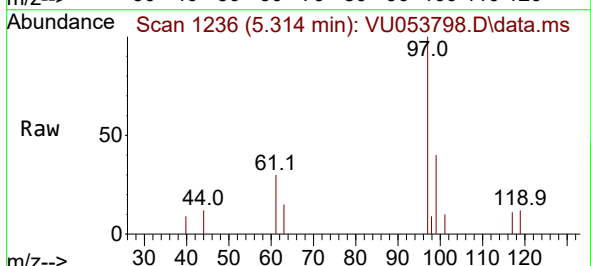
Manual Integrations
APPROVED

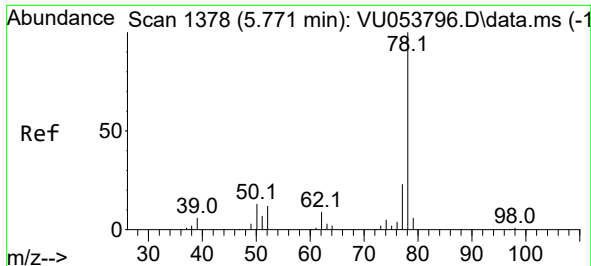
Reviewed By :Krupa Patel 04/22/2023
Supervised By :Mahesh Dadoda 04/22/2023



#29
1,1,1-Trichloroethane
Concen: 0.194 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. 0.003 min
Lab File: VU053798.D
Acq: 20 Apr 2023 11:59

Tgt Ion: 97 Resp: 2413
Ion Ratio Lower Upper
97 100
99 23.6 49.9 74.9#
61 26.4 35.7 53.5#





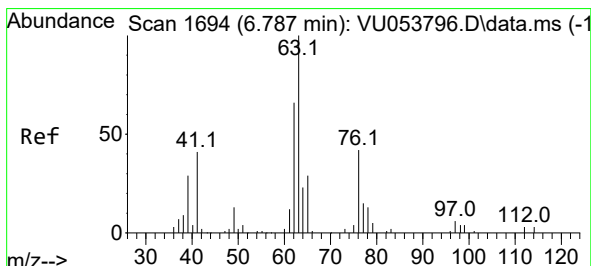
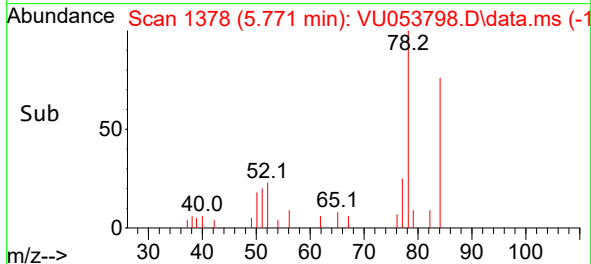
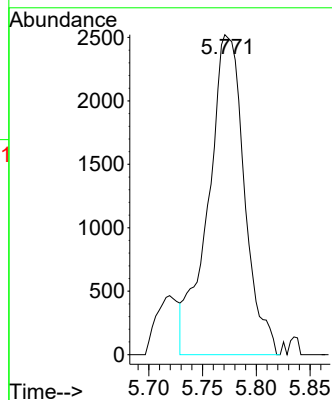
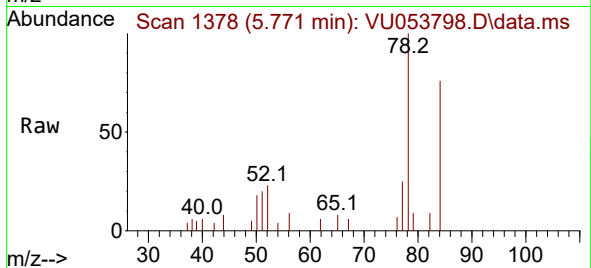
#33
Benzene
Concen: 0.175 ug/L
RT: 5.771 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU053798.D
Acq: 20 Apr 2023 11:59

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-04

Tgt Ion: 78 Resp: 5894

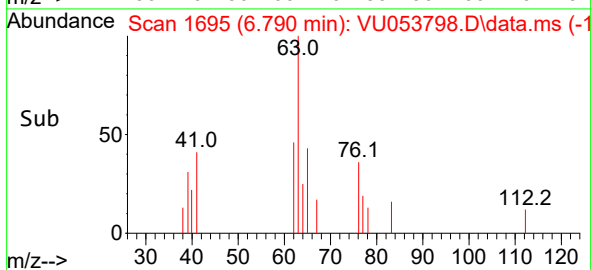
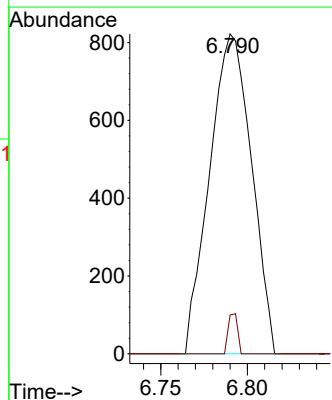
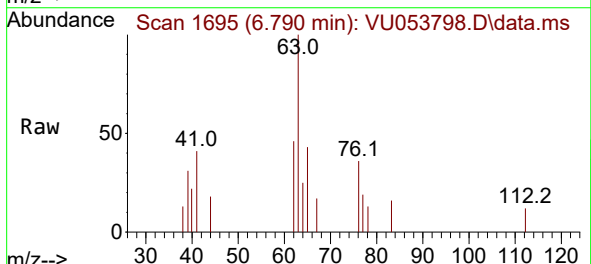
Manual Integrations
APPROVED

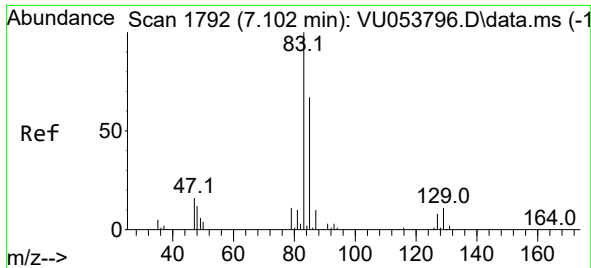
Reviewed By :Krupa Patel 04/22/2023
Supervised By :Mahesh Dadoda 04/22/2023



#37
1,2-Dichloropropane
Concen: 0.155 ug/L
RT: 6.790 min Scan# 1695
Delta R.T. 0.003 min
Lab File: VU053798.D
Acq: 20 Apr 2023 11:59

Tgt Ion: 63 Resp: 1384
Ion Ratio Lower Upper
63 100
112 2.8 3.0 4.4#





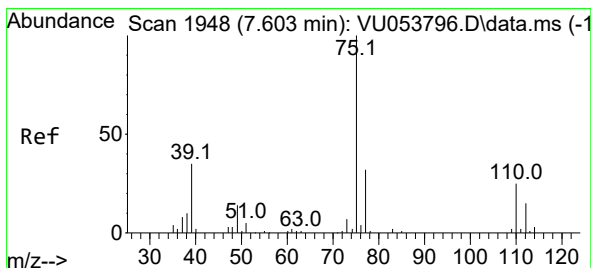
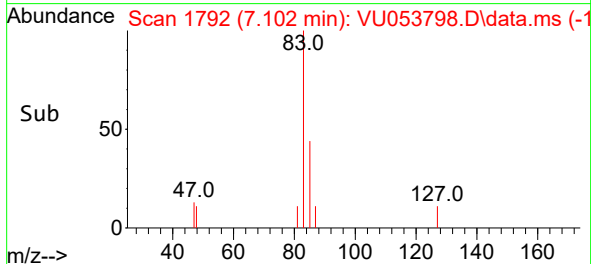
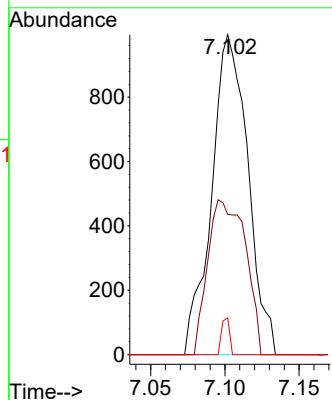
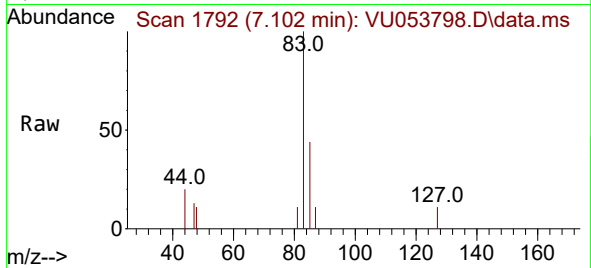
#38
Bromodichloromethane
Concen: 0.171 ug/L
RT: 7.102 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU053798.D
Acq: 20 Apr 2023 11:59

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-04

Tgt Ion: 83 Resp: 1689
Ion Ratio Lower Upper
83 100
85 43.9 44.0 81.8
127 11.5 5.8 8.6

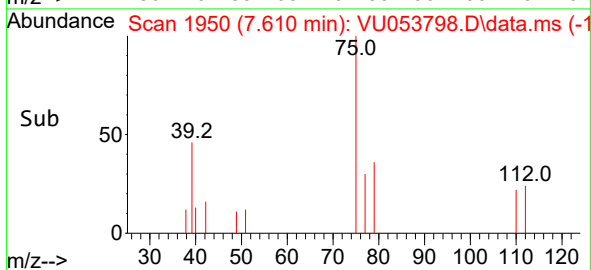
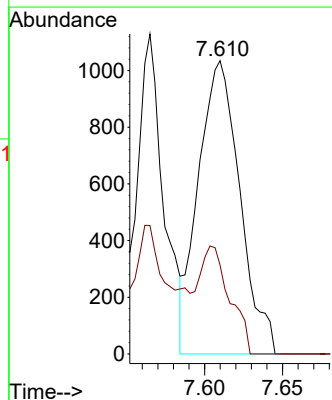
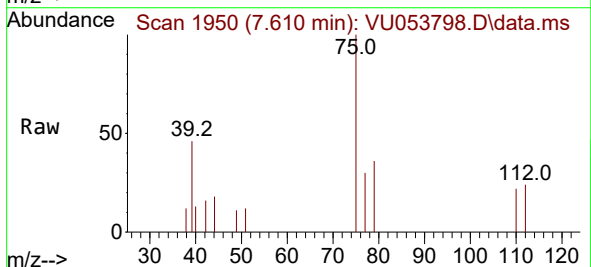
Manual Integrations
APPROVED

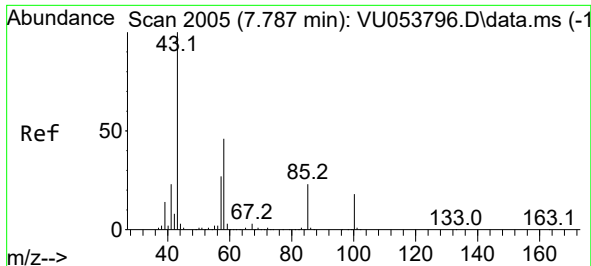
Reviewed By :Krupa Patel 04/22/2023
Supervised By :Mahesh Dadoda 04/22/2023



#39
cis-1,3-Dichloropropene
Concen: 0.146 ug/L
RT: 7.610 min Scan# 1950
Delta R.T. 0.006 min
Lab File: VU053798.D
Acq: 20 Apr 2023 11:59

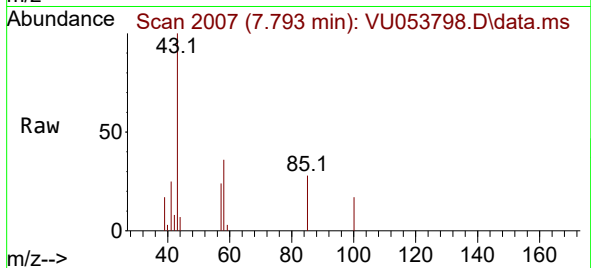
Tgt Ion: 75 Resp: 1915
Ion Ratio Lower Upper
75 100
77 30.3 21.1 39.3





#40
4-Methyl-2-pentanone
Concen: 1.412 ug/L
RT: 7.793 min Scan# 2005
Delta R.T. 0.006 min
Lab File: VU053798.D
Acq: 20 Apr 2023 11:59

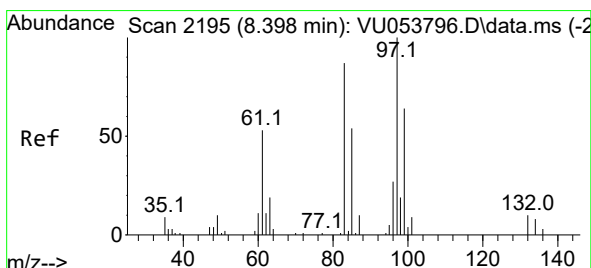
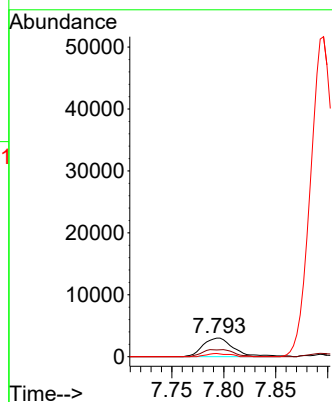
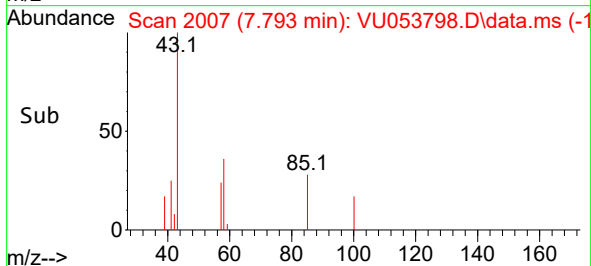
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2023-04



Tgt Ion: 43 Resp: 615
Ion Ratio Lower Upper
43 100
58 19.0 37.4 56.0
100 0.0 14.0 21.0

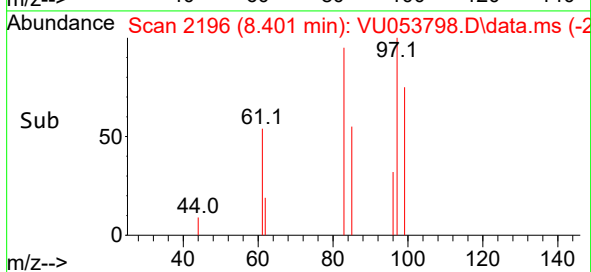
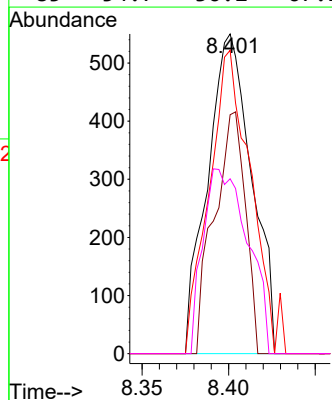
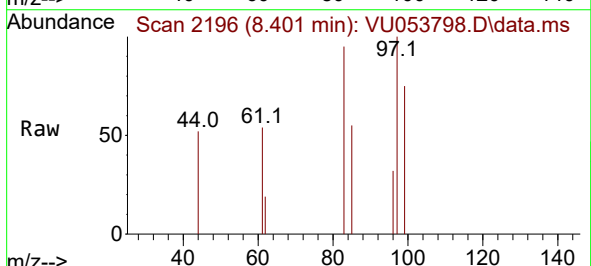
Manual Integrations
APPROVED

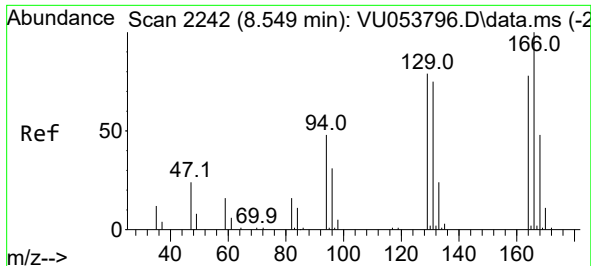
Reviewed By :Krupa Patel 04/22/2023
Supervised By :Mahesh Dadoda 04/22/2023



#45
1,1,2-Trichloroethane
Concen: 0.154 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.006 min
Lab File: VU053798.D
Acq: 20 Apr 2023 11:59

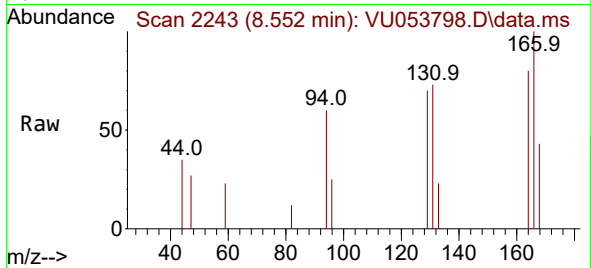
Tgt Ion: 97 Resp: 976
Ion Ratio Lower Upper
97 100
99 74.7 38.9 72.2
83 94.9 57.6 107.0
85 54.7 36.2 67.2





#47
Tetrachloroethene
Concen: 0.159 ug/L
RT: 8.552 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU053798.D
Acq: 20 Apr 2023 11:59

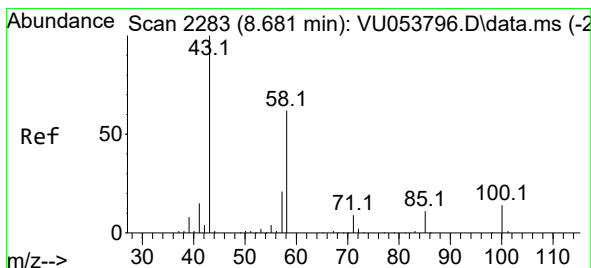
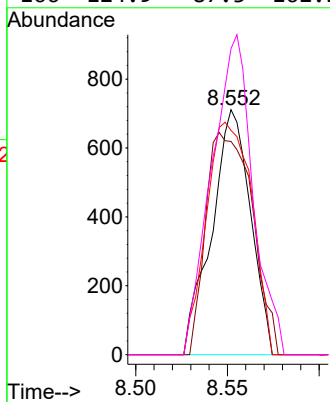
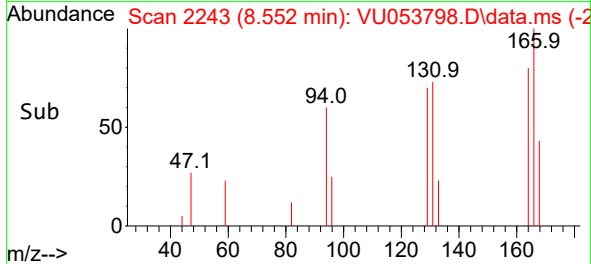
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-04



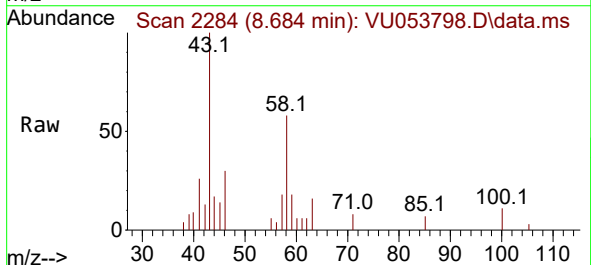
Tgt Ion:164 Resp: 104
Ion Ratio Lower Upper
164 100
129 87.1 74.8 138.8
131 91.6 70.1 130.1
166 124.9 87.3 162.1

Manual Integrations
APPROVED

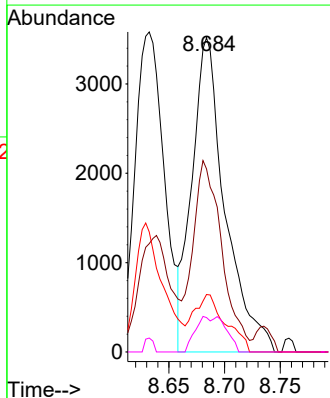
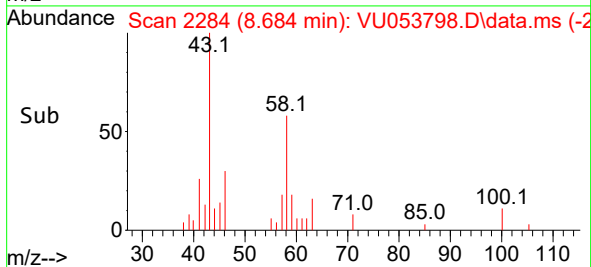
Reviewed By :Krupa Patel 04/22/2023
Supervised By :Mahesh Dadoda 04/22/2023

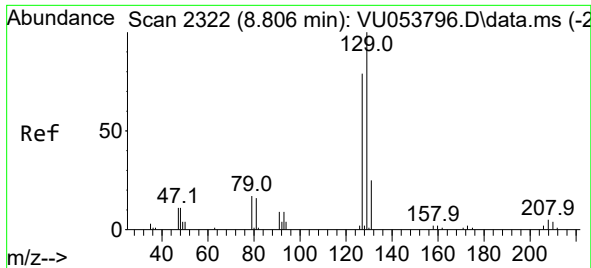


#48
2-Hexanone
Concen: 2.261 ug/L
RT: 8.684 min Scan# 2284
Delta R.T. 0.003 min
Lab File: VU053798.D
Acq: 20 Apr 2023 11:59



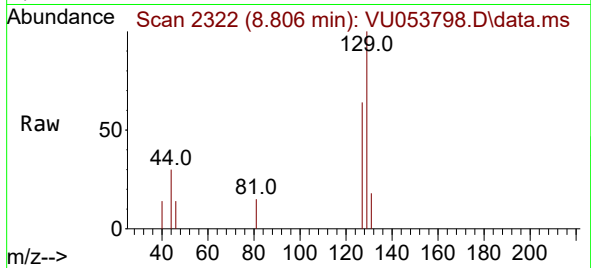
Tgt Ion: 43 Resp: 7283
Ion Ratio Lower Upper
43 100
58 53.4 52.8 79.2
57 17.6 17.1 25.7
100 5.3 10.8 16.2#





#49
Dibromochloromethane
Concen: 0.169 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VU053798.D
Acq: 20 Apr 2023 11:59

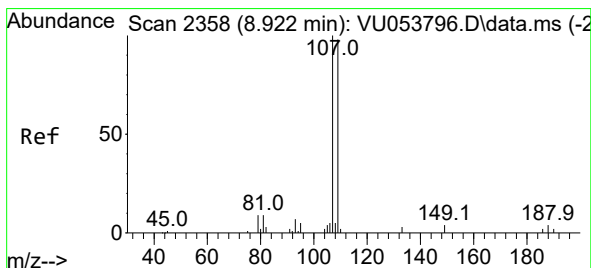
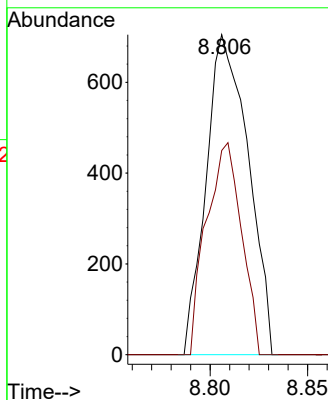
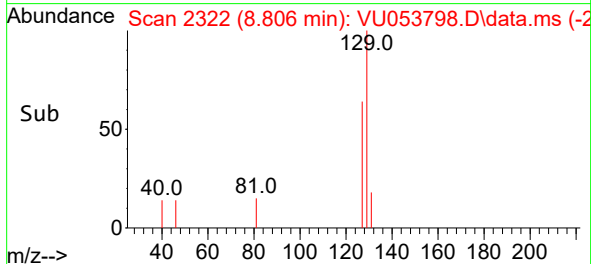
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2023-04



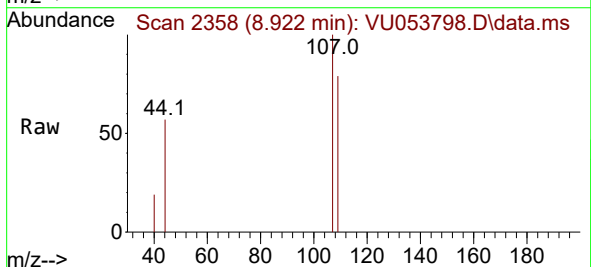
Tgt Ion:129 Resp: 1059
Ion Ratio Lower Upper
129 100
127 63.8 52.2 97.0

Manual Integrations
APPROVED

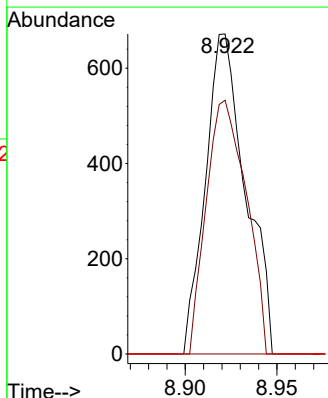
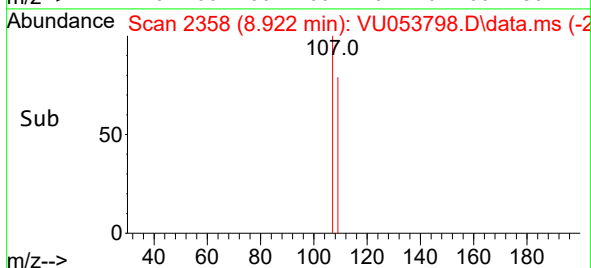
Reviewed By :Krupa Patel 04/22/2023
Supervised By :Mahesh Dadoda 04/22/2023

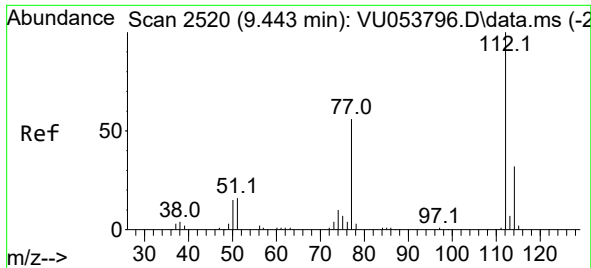


#50
1,2-Dibromoethane
Concen: 0.167 ug/L
RT: 8.922 min Scan# 2358
Delta R.T. -0.000 min
Lab File: VU053798.D
Acq: 20 Apr 2023 11:59



Tgt Ion:107 Resp: 1022
Ion Ratio Lower Upper
107 100
109 79.3 64.7 120.1
188 0.0 3.0 4.6#





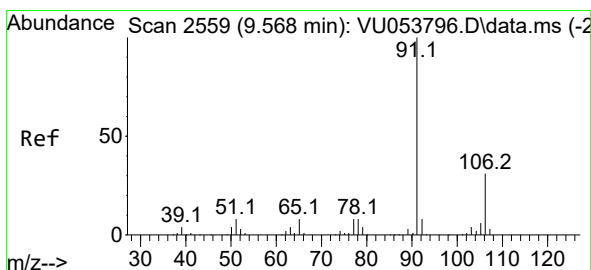
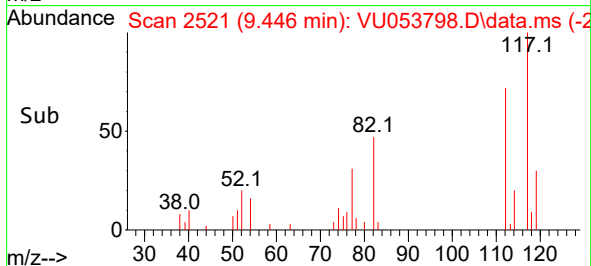
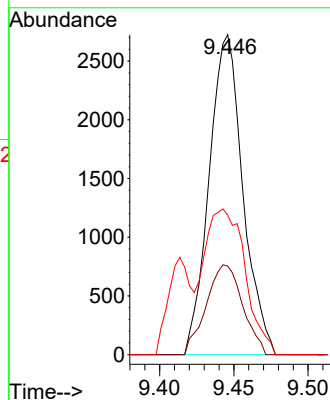
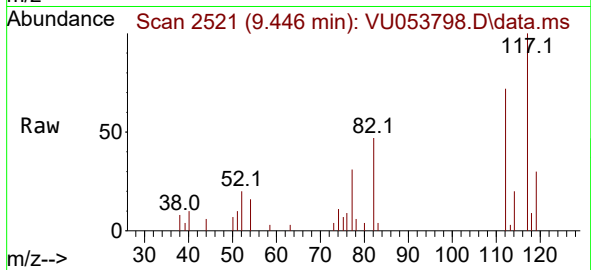
#51
Chlorobenzene
Concen: 0.186 ug/L
RT: 9.446 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VU053798.D
Acq: 20 Apr 2023 11:59

Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-04

Tgt Ion:112 Resp: 4314
Ion Ratio Lower Upper
112 100
114 27.7 22.1 41.1
77 43.6 45.8 68.6

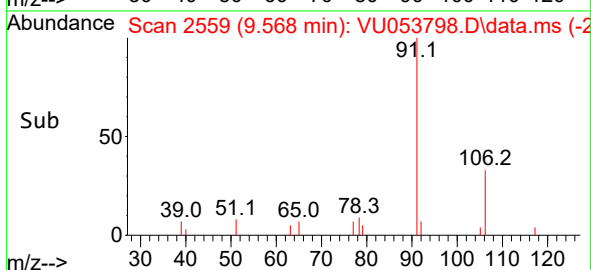
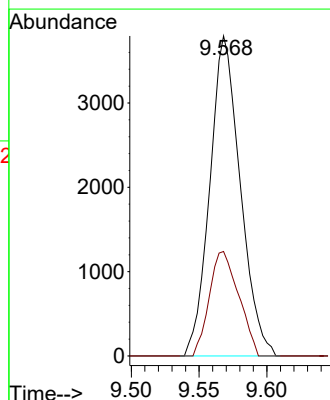
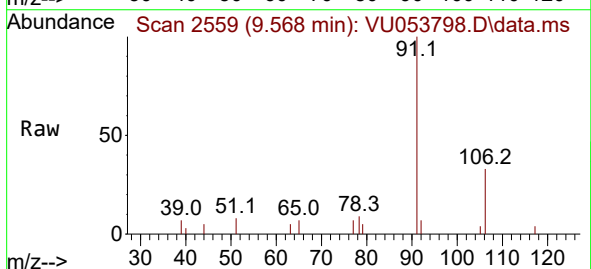
Manual Integrations
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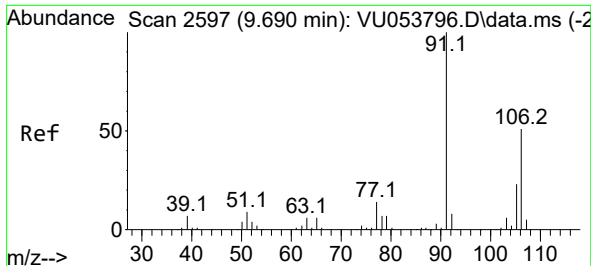
Reviewed By :Krupa Patel 04/22/2023
Supervised By :Mahesh Dadoda 04/22/2023



#52
Ethylbenzene
Concen: 0.148 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU053798.D
Acq: 20 Apr 2023 11:59

Tgt Ion: 91 Resp: 5924
Ion Ratio Lower Upper
91 100
106 32.6 22.5 41.9





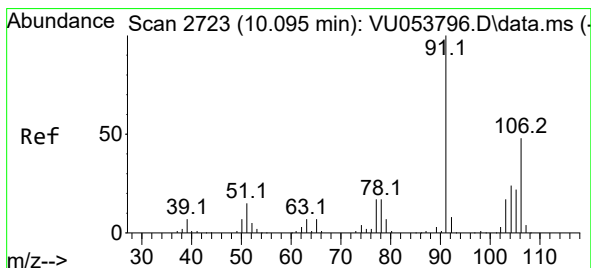
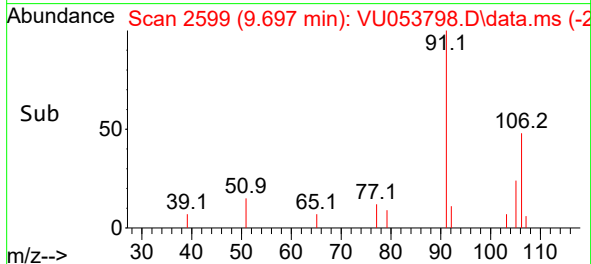
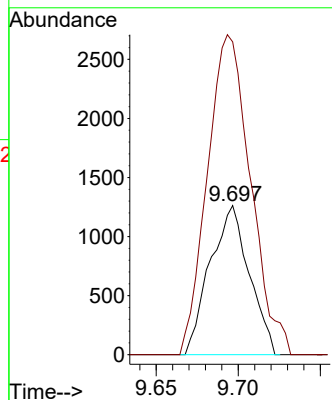
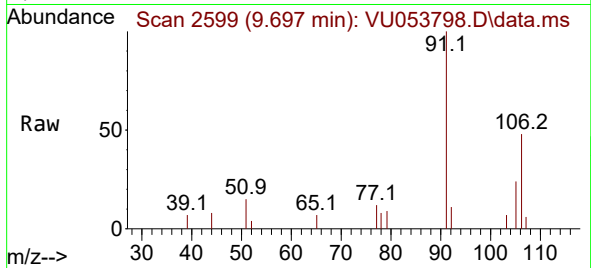
#53
m,p-Xylene
Concen: 0.137 ug/L
RT: 9.697 min Scan# 2594
Delta R.T. 0.006 min
Lab File: VU053798.D
Acq: 20 Apr 2023 11:59

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-04

Tgt Ion:106 Resp: 2094
Ion Ratio Lower Upper
106 100
91 209.8 138.8 257.8

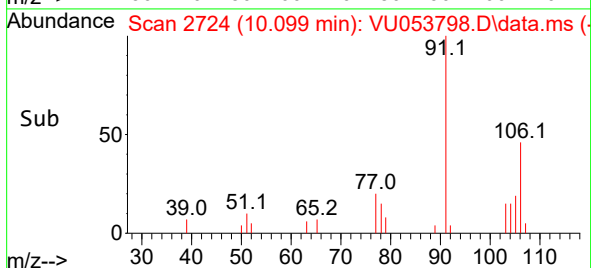
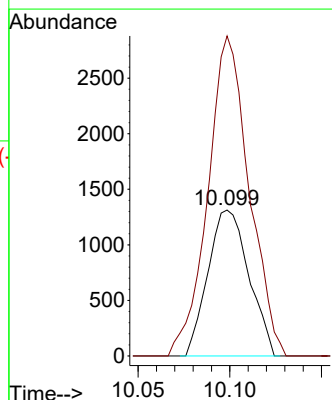
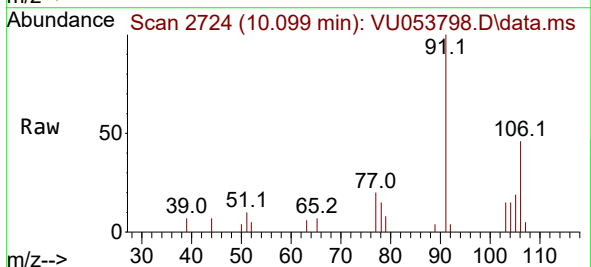
Manual Integrations
APPROVED

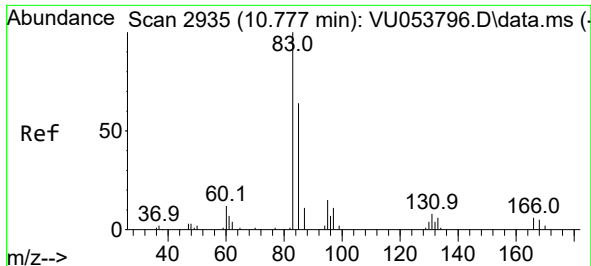
Reviewed By :Krupa Patel 04/22/2023
Supervised By :Mahesh Dadoda 04/22/2023



#54
o-Xylene
Concen: 0.140 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU053798.D
Acq: 20 Apr 2023 11:59

Tgt Ion:106 Resp: 2037
Ion Ratio Lower Upper
106 100
91 219.2 150.8 280.0





#57

1,1,2,2-Tetrachloroethane

Concen: 0.152 ug/L

RT: 10.774 min Scan# 2935

Delta R.T. -0.003 min

Lab File: VU053798.D

Acq: 20 Apr 2023 11:59

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT2-2023-04

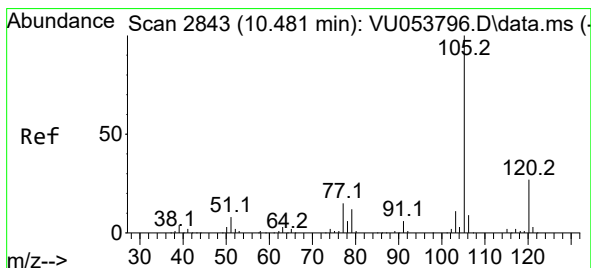
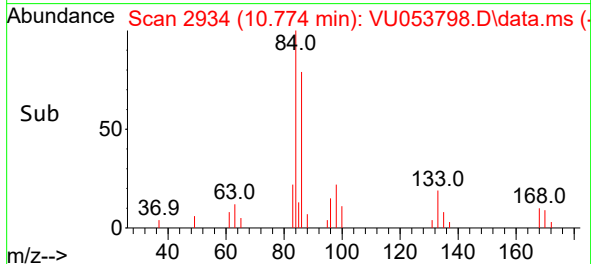
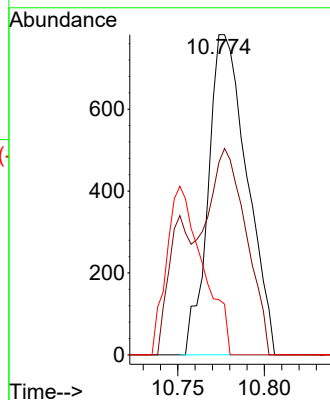
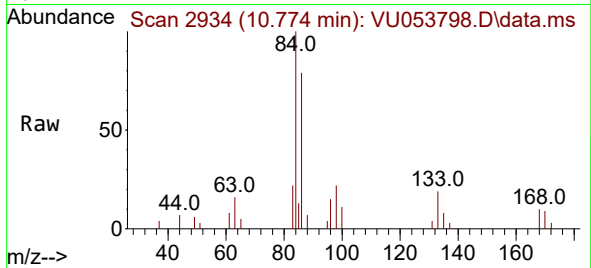
Tgt Ion: 83	Resp: 1210
Ion Ratio	Lower Upper
83 100	
85 60.1	43.8 81.4
131 17.3	7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/22/2023

Supervised By :Mahesh Dadoda 04/22/2023



#60

Isopropylbenzene

Concen: 0.143 ug/L

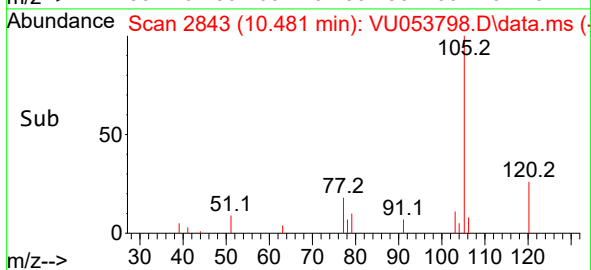
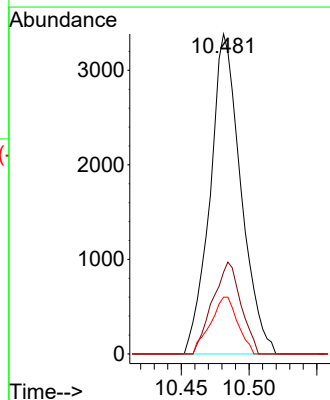
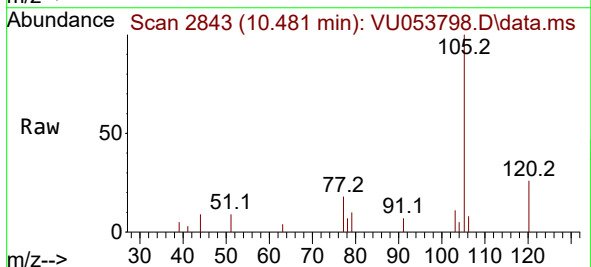
RT: 10.481 min Scan# 2843

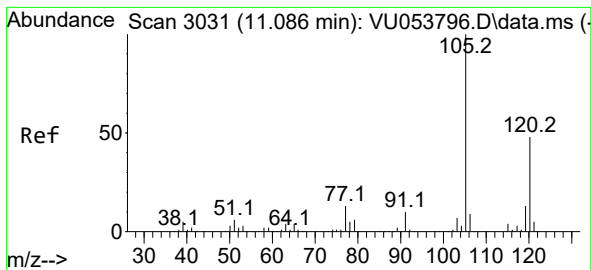
Delta R.T. -0.000 min

Lab File: VU053798.D

Acq: 20 Apr 2023 11:59

Tgt Ion: 105	Resp: 5343
Ion Ratio	Lower Upper
105 100	
120 26.3	21.5 32.3
77 15.7	13.0 19.4





#62

1,3,5-Trimethylbenzene

Concen: 0.147 ug/L

RT: 11.089 min Scan# 3031

Delta R.T. 0.003 min

Lab File: VU053798.D

Acq: 20 Apr 2023 11:59

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT2-2023-04

Tgt Ion:105 Resp: 444

Ion Ratio Lower Upper

105 100

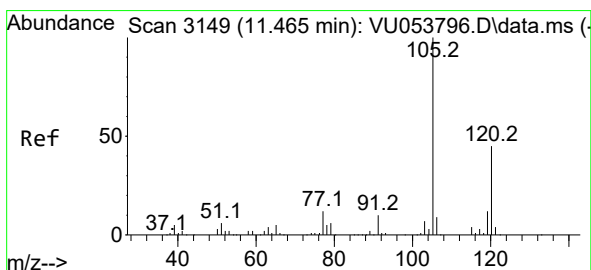
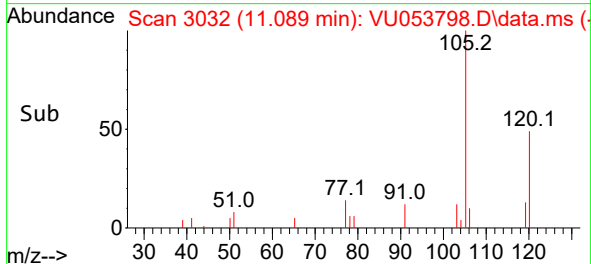
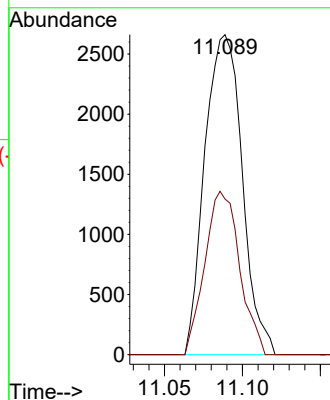
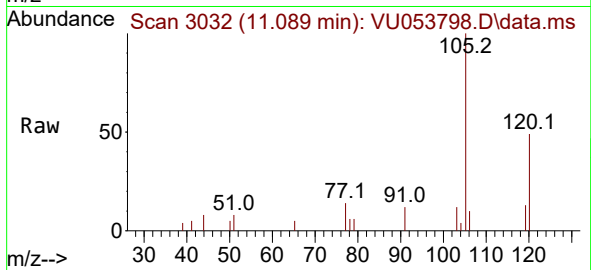
120 47.5 37.8 56.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/22/2023

Supervised By :Mahesh Dadoda 04/22/2023



#63

1,2,4-Trimethylbenzene

Concen: 0.132 ug/L

RT: 11.465 min Scan# 3149

Delta R.T. -0.000 min

Lab File: VU053798.D

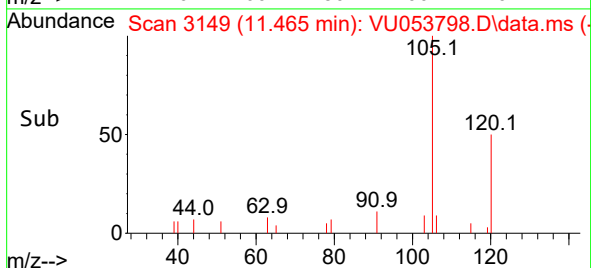
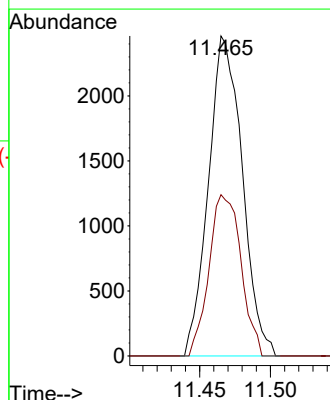
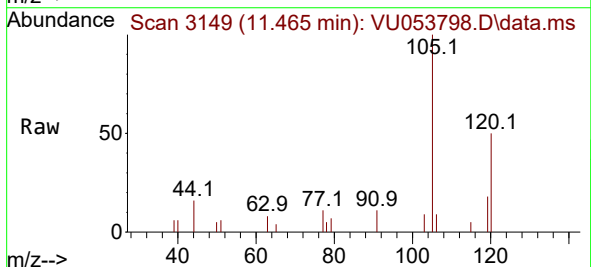
Acq: 20 Apr 2023 11:59

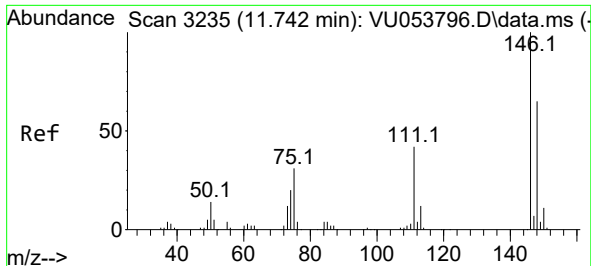
Tgt Ion:105 Resp: 4083

Ion Ratio Lower Upper

105 100

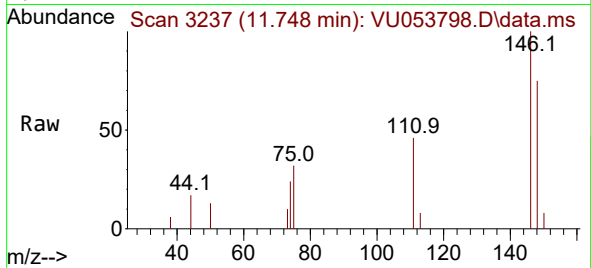
120 47.7 35.4 53.0





#64
1,3-Dichlorobenzene
Concen: 0.199 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU053798.D
Acq: 20 Apr 2023 11:59

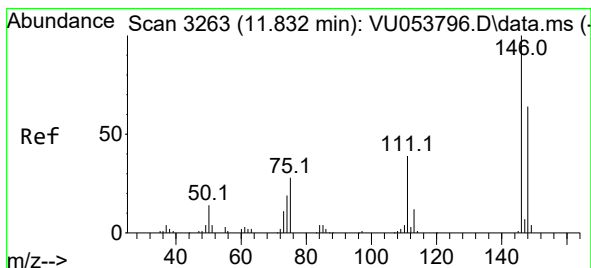
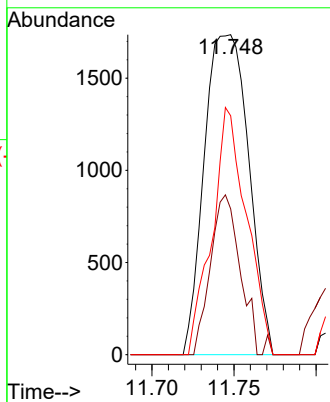
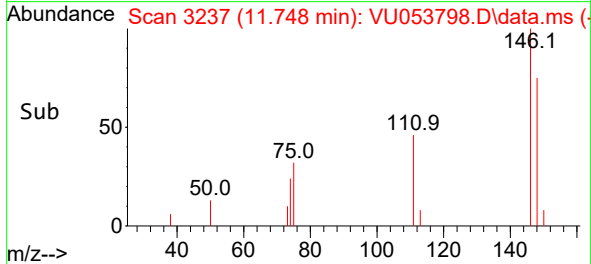
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-04



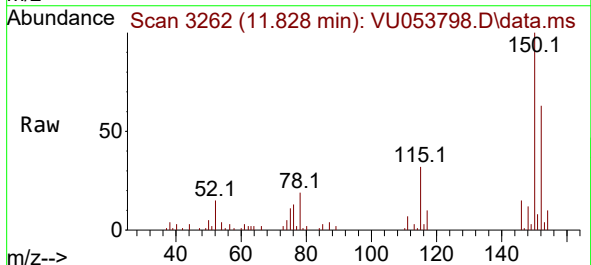
Tgt Ion:146 Resp: 3264
Ion Ratio Lower Upper
146 100
111 45.6 29.4 54.6
148 74.7 44.3 82.3

Manual Integrations
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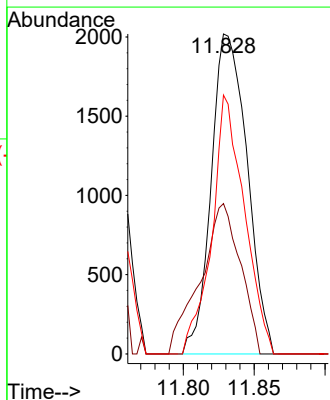
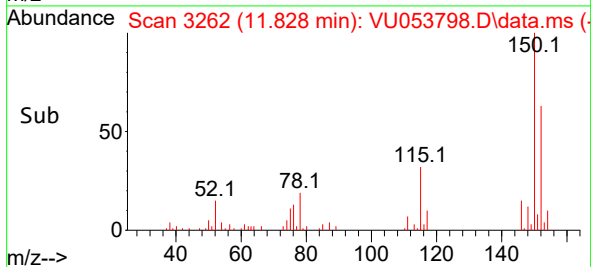
Reviewed By :Krupa Patel 04/22/2023
Supervised By :Mahesh Dadoda 04/22/2023

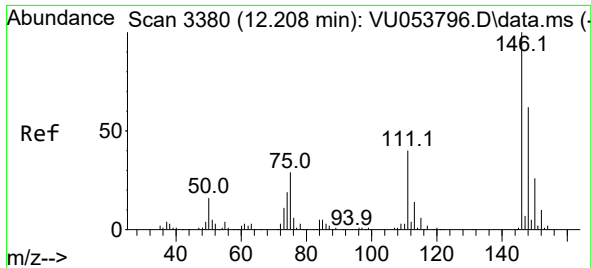


#65
1,4-Dichlorobenzene
Concen: 0.216 ug/L
RT: 11.828 min Scan# 3262
Delta R.T. -0.003 min
Lab File: VU053798.D
Acq: 20 Apr 2023 11:59



Tgt Ion:146 Resp: 3564
Ion Ratio Lower Upper
146 100
111 47.0 29.8 55.4
148 80.9 43.0 80.0#





#67

1,2-Dichlorobenzene

Concen: 0.173 ug/L

RT: 12.208 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU053798.D

Acq: 20 Apr 2023 11:59

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT2-2023-04

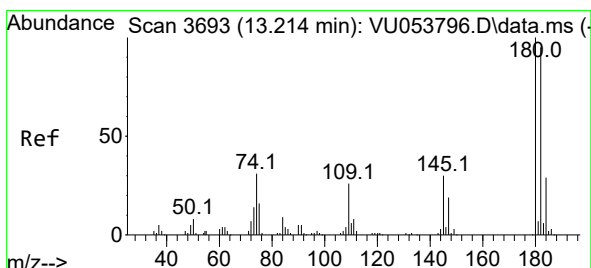
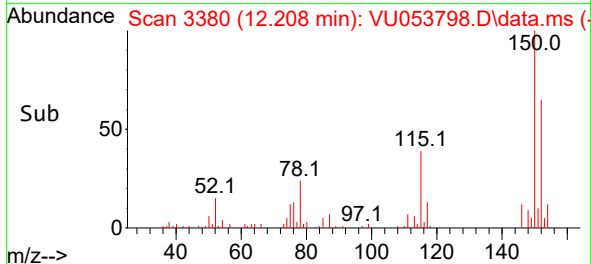
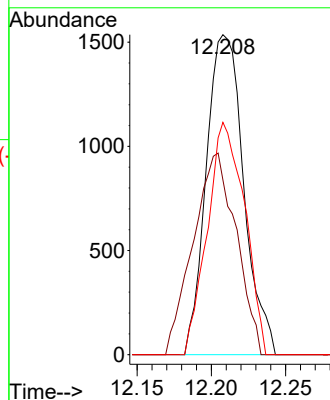
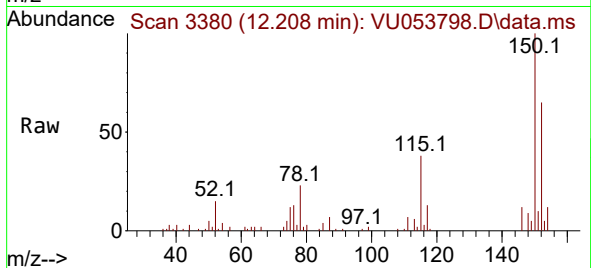
Tgt Ion:146	Resp:	269
Ion Ratio	Lower	Upper
146	100	
111	54.6	35.0 52.6
148	72.6	48.2 72.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/22/2023

Supervised By :Mahesh Dadoda 04/22/2023



#69

1,3,5-Trichlorobenzene

Concen: 0.181 ug/L

RT: 13.221 min Scan# 3695

Delta R.T. 0.003 min

Lab File: VU053798.D

Acq: 20 Apr 2023 11:59

Tgt Ion:180	Resp:	2078
Ion Ratio	Lower	Upper
180	100	
182	104.2	76.7 115.1
184	30.1	24.1 36.1
145	25.1	24.7 37.1

