

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041423\
 Data File : VU053686.D
 Acq On : 13 Apr 2023 16:52
 Operator : JC/MD
 Sample : 02215-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT2-2023-03

Quant Time: Apr 14 02:31:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 14 02:17:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/14/2023
 Supervised By :Mahesh Dadoda 04/18/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	133041	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	128933	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	66019	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	52625	5.750	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	115.000%	
7) Chloroethane-d5	1.906	69	39558	4.762	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.200%	
11) 1,1-Dichloroethene-d2	2.559	65	18346	4.706	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	94.200%	
20) 2-Butanone-d5	4.620	46	79645	37.986	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	75.980%	
24) Chloroform-d	5.057	84	75472	4.448	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.000%	
26) 1,2-Dichloroethane-d4	5.697	65	38659	4.446	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.000%	
32) Benzene-d6	5.723	84	155792	4.264	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.200%	
36) 1,2-Dichloropropane-d6	6.687	67	47019	4.223	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	84.400%	
41) Toluene-d8	7.893	98	146537	4.251	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.000%	
43) trans-1,3-Dichloroprop...	8.176	79	18211	4.262	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.200%	
46) 2-Hexanone-d5	8.629	63	70369	40.547	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	81.100%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	34881	3.764	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	75.200%	
66) 1,2-Dichlorobenzene-d4	12.189	152	52676	4.435	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	88.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	1812	0.190	ug/L	91
3) Chloromethane	1.517	50	2806	0.292	ug/L	97
5) Vinyl chloride	1.601	62	3075	0.284	ug/L #	51
6) Bromomethane	1.851	94	1640	0.239	ug/L	78
8) Chloroethane	1.929	64	1575	0.250	ug/L	98
9) Trichlorofluoromethane	2.131	101	3909	0.239	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	2495	0.301	ug/L #	81
12) 1,1-Dichloroethene	2.572	96	2100	0.279	ug/L #	1
14) Carbon disulfide	2.787	76	5277	0.239	ug/L #	87
15) Methyl Acetate	2.948	43	671m	0.230	ug/L	
16) Methylene chloride	3.041	84	3133	0.317	ug/L	87
17) Methyl tert-butyl Ether	3.366	73	4503	0.247	ug/L	99
18) trans-1,2-Dichloroethene	3.343	96	1955	0.250	ug/L	72
19) 1,1-Dichloroethane	3.867	63	2935	0.204	ug/L #	89
21) 2-Butanone	4.716	43	3721m	1.926	ug/L	
22) cis-1,2-Dichloroethene	4.668	96	2124	0.201	ug/L	78
23) Bromochloromethane	4.970	128	901	0.241	ug/L #	89
27) 1,2-Dichloroethane	5.790	62	2417	0.260	ug/L #	77
29) 1,1,1-Trichloroethane	5.314	97	2714	0.213	ug/L #	52

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 MDL-WATER-QT2-2023-03

Manual Integrations
 APPROVED

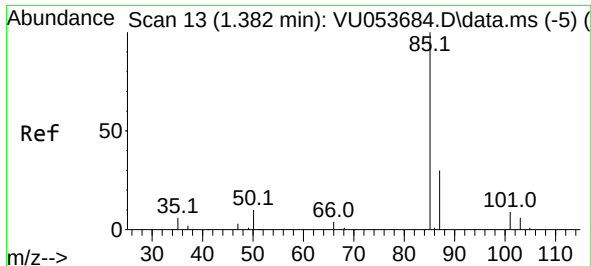
Reviewed By :Krupa Patel 04/14/2023
 Supervised By :Mahesh Dadoda 04/18/2023

Quant Time: Apr 14 02:31:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

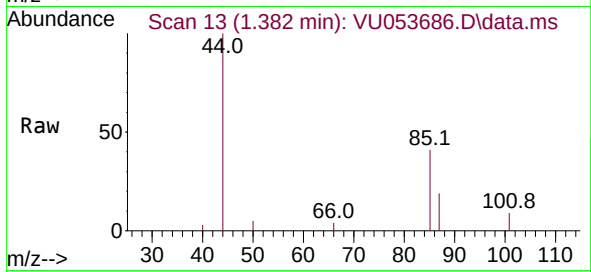
30) Cyclohexane	5.385	56	2709	0.200	ug/L	100
31) Carbon tetrachloride	5.520	117	2447	0.227	ug/L	92
33) Benzene	5.774	78	9373	0.271	ug/L	100
37) 1,2-Dichloropropane	6.787	63	1869	0.205	ug/L #	97
38) Bromodichloromethane	7.102	83	2173	0.214	ug/L #	91
39) cis-1,3-Dichloropropene	7.604	75	2513	0.186	ug/L	93
40) 4-Methyl-2-pentanone	7.790	43	8526	1.910	ug/L #	87
42) Toluene	7.967	91	10330	0.274	ug/L	87
44) trans-1,3-Dichloropropene	8.211	75	2533	0.231	ug/L	84
45) 1,1,2-Trichloroethane	8.401	97	1436	0.222	ug/L	92
47) Tetrachloroethene	8.549	164	1644	0.243	ug/L	96
48) 2-Hexanone	8.687	43	9298m	2.817	ug/L	
49) Dibromochloromethane	8.806	129	1498	0.234	ug/L	95
50) 1,2-Dibromoethane	8.922	107	1266	0.202	ug/L #	80
51) Chlorobenzene	9.443	112	6905	0.290	ug/L	91
52) Ethylbenzene	9.568	91	8656	0.210	ug/L	99
53) m,p-Xylene	9.694	106	3175	0.202	ug/L	74
54) o-Xylene	10.099	106	2799	0.188	ug/L	77
55) Styrene	10.115	104	4840	0.198	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.780	83	1846	0.226	ug/L #	90
59) Bromoform	10.285	173	691	0.203	ug/L #	80
60) Isopropylbenzene	10.481	105	7828	0.195	ug/L	98
61) 1,2,3-Trichloropropane	10.819	75	962	0.176	ug/L	95
62) 1,3,5-Trimethylbenzene	11.089	105	5965	0.183	ug/L	94
63) 1,2,4-Trimethylbenzene	11.468	105	6492	0.195	ug/L	98
64) 1,3-Dichlorobenzene	11.742	146	4700	0.267	ug/L	91
65) 1,4-Dichlorobenzene	11.835	146	5924	0.335	ug/L	94
67) 1,2-Dichlorobenzene	12.211	146	4541	0.272	ug/L #	81
69) 1,3,5-Trichlorobenzene	13.221	180	3085	0.251	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	3311	0.338	ug/L	96

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



#2
Dichlorodifluoromethane
Concen: 0.190 ug/L
RT: 1.382 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

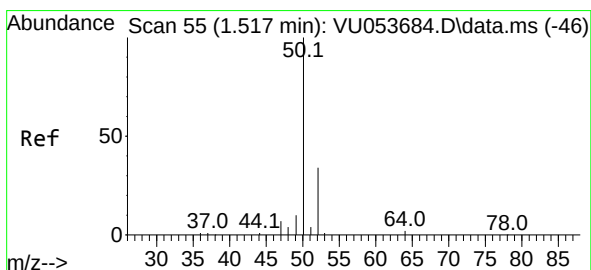
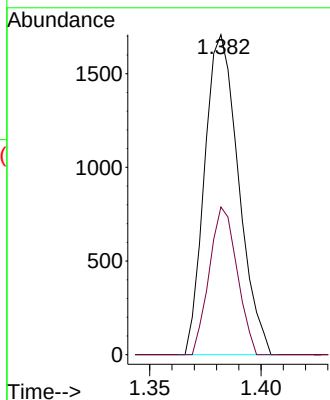
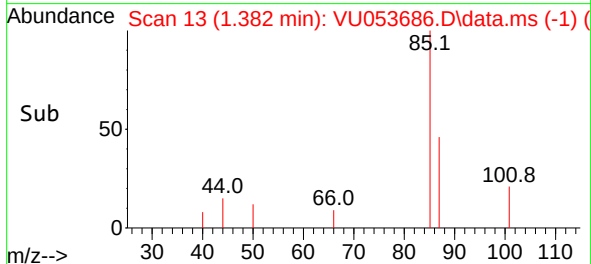
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03



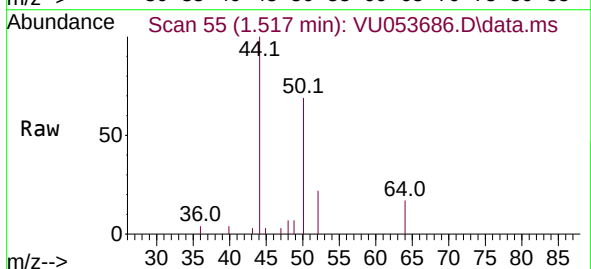
Tgt Ion: 85 Resp: 181
Ion Ratio Lower Upper
85 100
87 37.7 26.1 39.1

Manual Integrations
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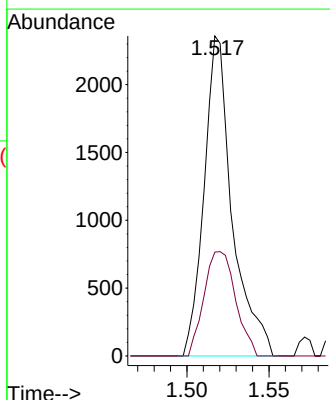
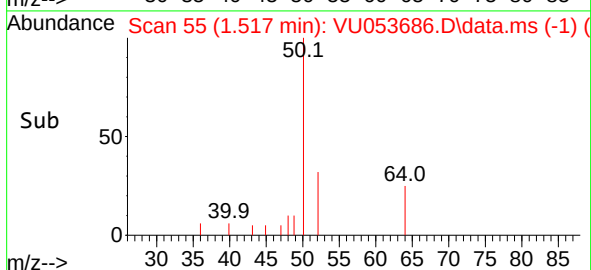
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/18/2023

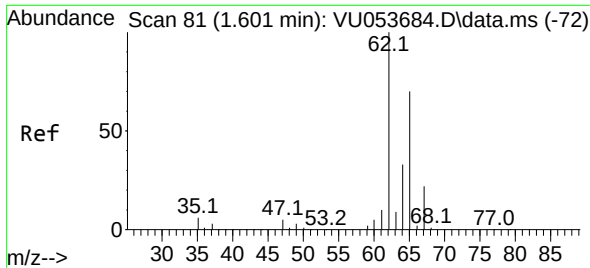


#3
Chloromethane
Concen: 0.292 ug/L
RT: 1.517 min Scan# 55
Delta R.T. 0.000 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52



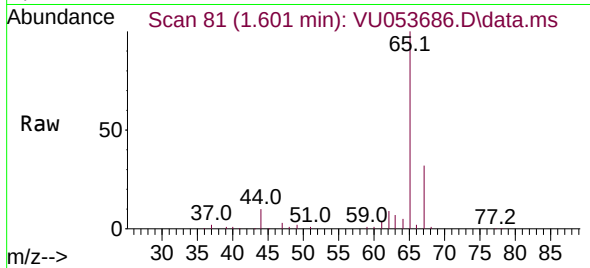
Tgt Ion: 50 Resp: 2806
Ion Ratio Lower Upper
50 100
52 32.4 23.9 44.3





#5
 Vinyl chloride
 Concen: 0.284 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU053686.D
 Acq: 13 Apr 2023 16:52

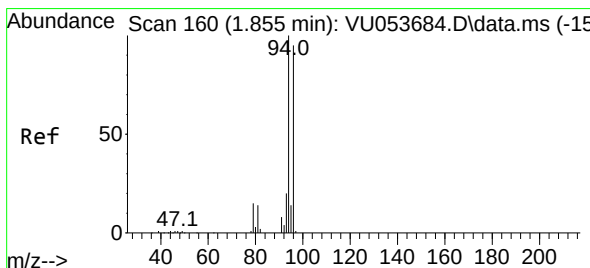
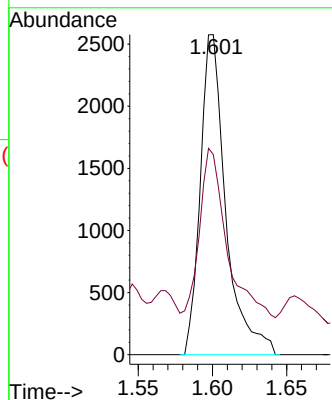
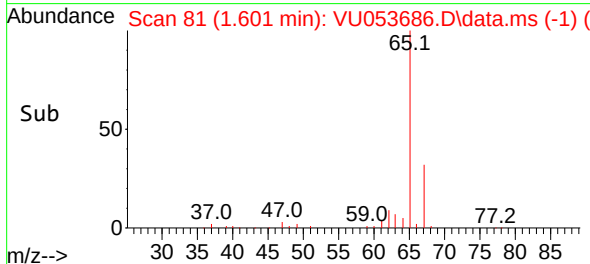
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT2-2023-03



Tgt Ion: 62 Resp: 3075
 Ion Ratio Lower Upper
 62 100
 64 62.6 24.1 44.7

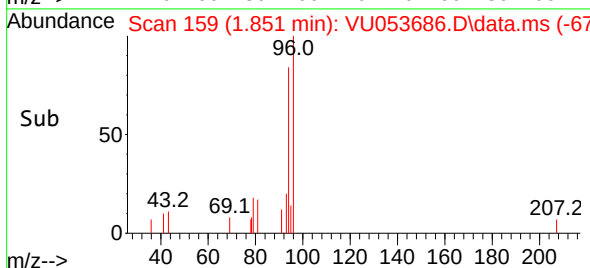
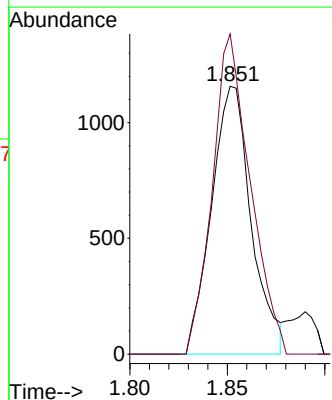
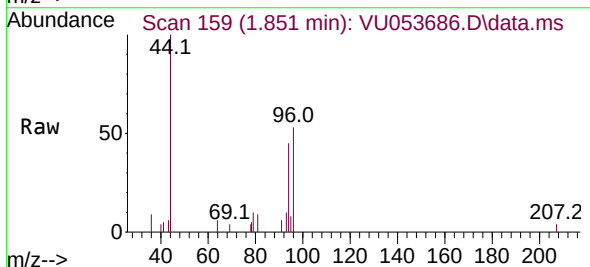
Manual Integrations
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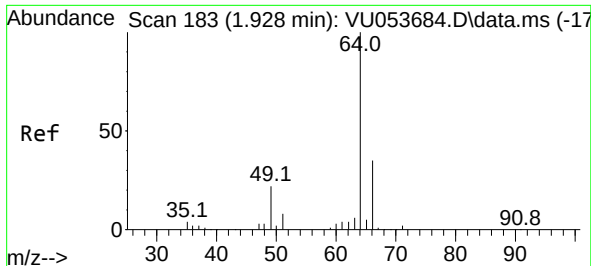
Reviewed By :Krupa Patel 04/14/2023
 Supervised By :Mahesh Dadoda 04/18/2023



#6
 Bromomethane
 Concen: 0.239 ug/L
 RT: 1.851 min Scan# 159
 Delta R.T. -0.003 min
 Lab File: VU053686.D
 Acq: 13 Apr 2023 16:52

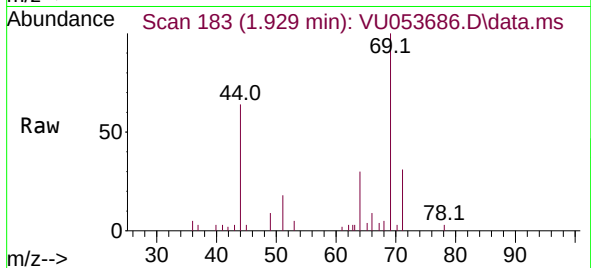
Tgt Ion: 94 Resp: 1640
 Ion Ratio Lower Upper
 94 100
 96 119.5 68.3 126.8





#8
Chloroethane
Concen: 0.250 ug/L
RT: 1.929 min Scan# 183
Delta R.T. 0.000 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

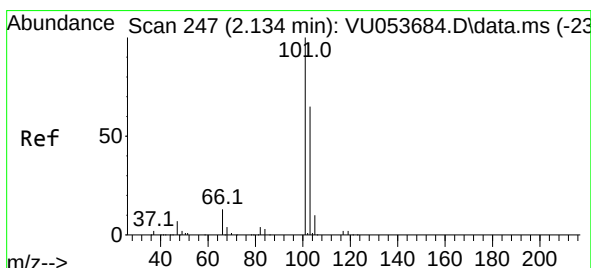
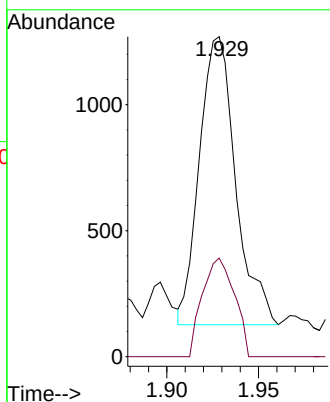
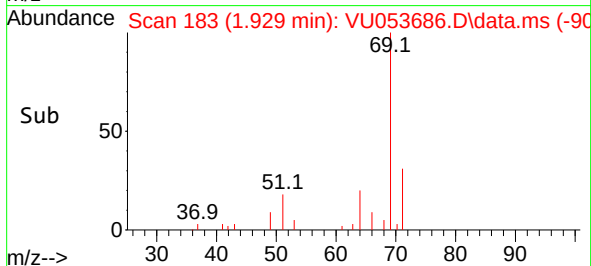
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03



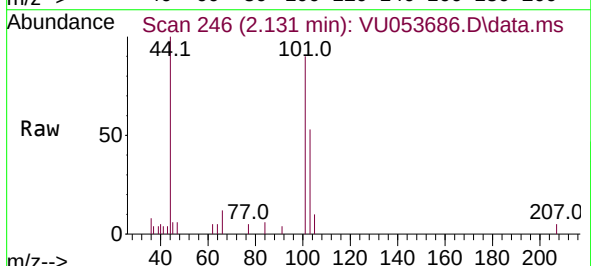
Tgt Ion: 64 Resp: 1579
Ion Ratio Lower Upper
64 100
66 30.8 22.3 41.5

Manual Integrations
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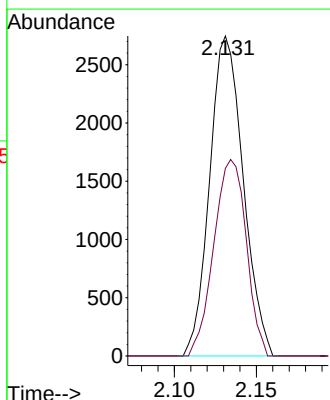
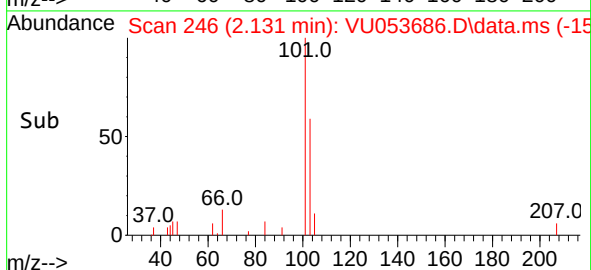
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/18/2023

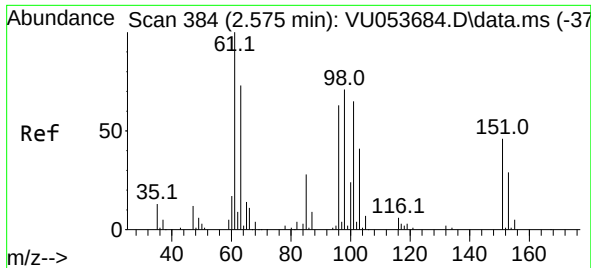


#9
Trichlorofluoromethane
Concen: 0.239 ug/L
RT: 2.131 min Scan# 246
Delta R.T. -0.003 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52



Tgt Ion:101 Resp: 3909
Ion Ratio Lower Upper
101 100
103 59.3 50.2 75.2





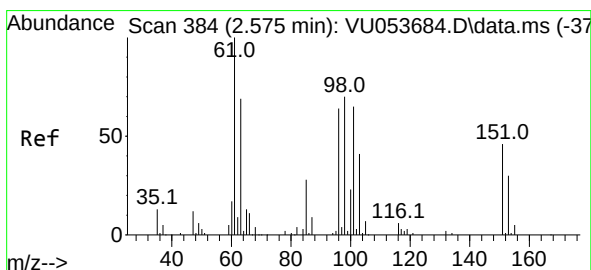
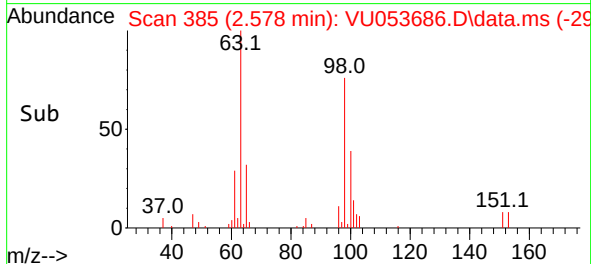
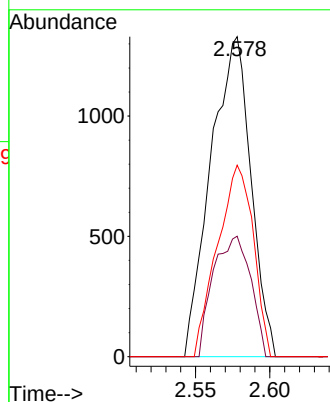
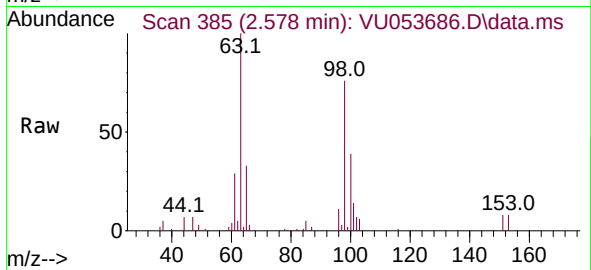
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.301 ug/L
RT: 2.578 min Scan# 384
Delta R.T. 0.003 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

Tgt Ion: 101 Resp: 249
Ion Ratio Lower Upper
101 100
85 35.1 37.0 55.4
151 53.5 56.8 85.2

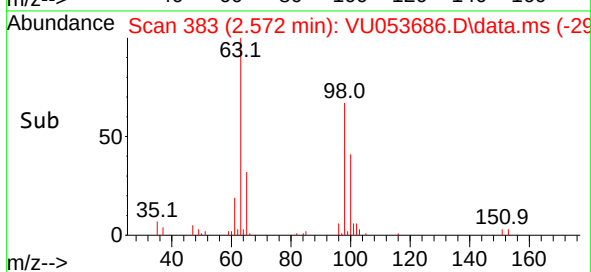
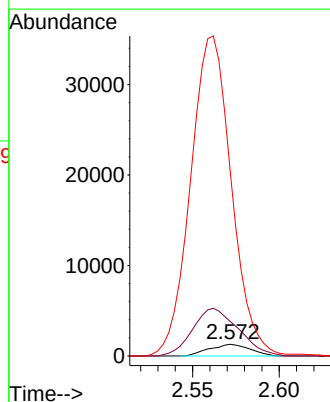
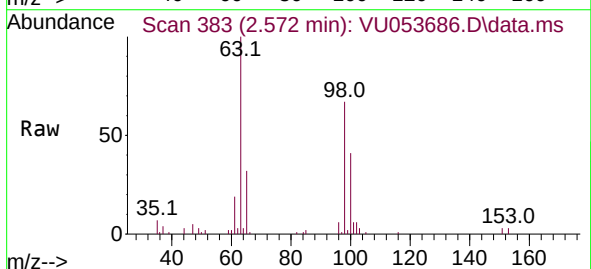
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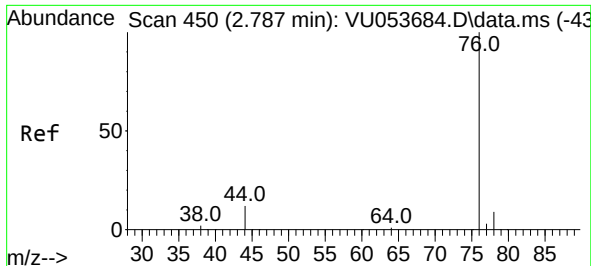
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/18/2023



#12
1,1-Dichloroethene
Concen: 0.279 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.003 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

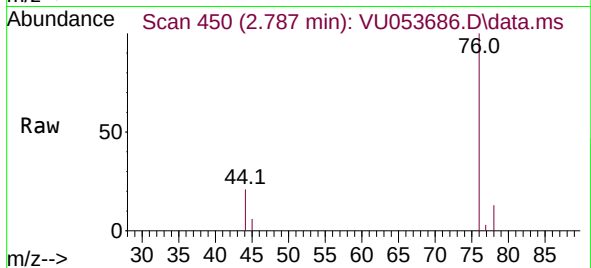
Tgt Ion: 96 Resp: 2100
Ion Ratio Lower Upper
96 100
61 296.0 116.8 216.8#
63 1594.4 88.6 164.6#





#14
Carbon disulfide
Concen: 0.239 ug/L
RT: 2.787 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

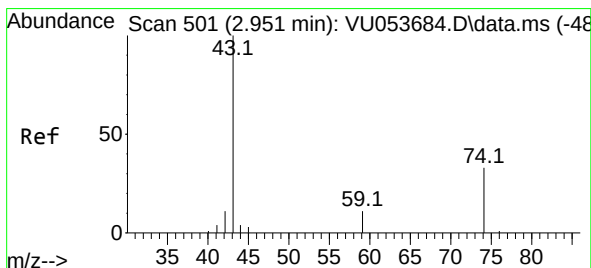
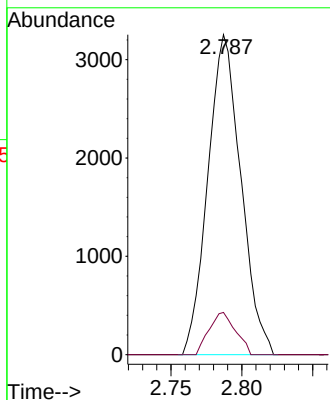
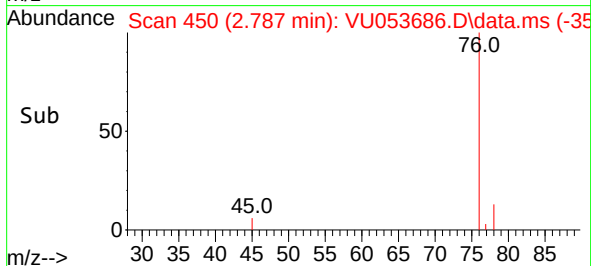
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03



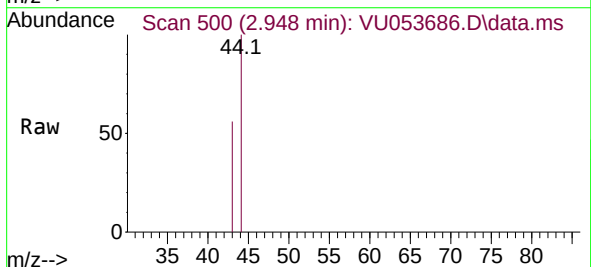
Tgt Ion: 76 Resp: 527
Ion Ratio Lower Upper
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78 13.2 7.0 10.4

Manual Integrations
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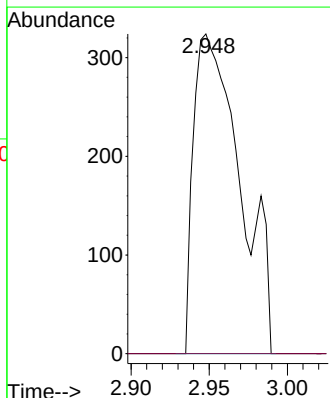
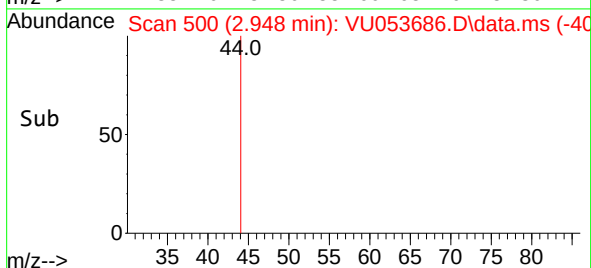
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Supervised By :Mahesh Dadoda 04/18/2023

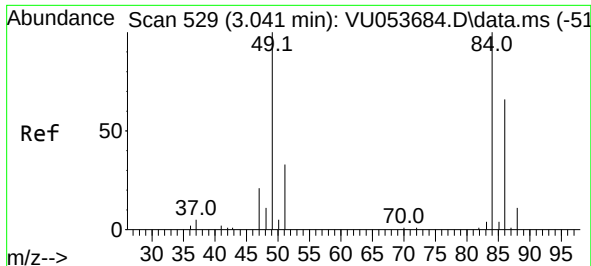


#15
Methyl Acetate
Concen: 0.230 ug/L m
RT: 2.948 min Scan# 500
Delta R.T. -0.003 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52



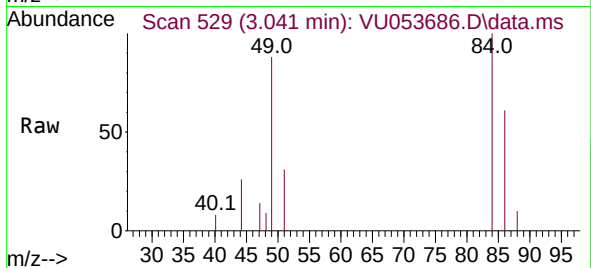
Tgt Ion: 43 Resp: 671
Ion Ratio Lower Upper
43 100
74 0.0 20.8 31.2





#16
Methylene chloride
Concen: 0.317 ug/L
RT: 3.041 min Scan# 513
Delta R.T. 0.000 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

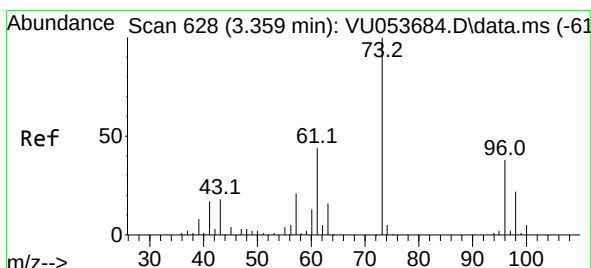
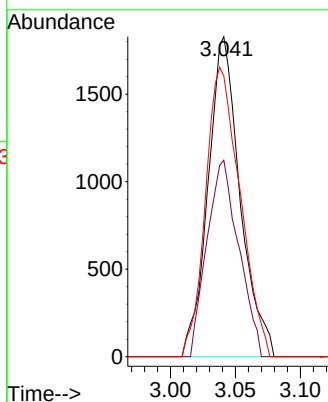
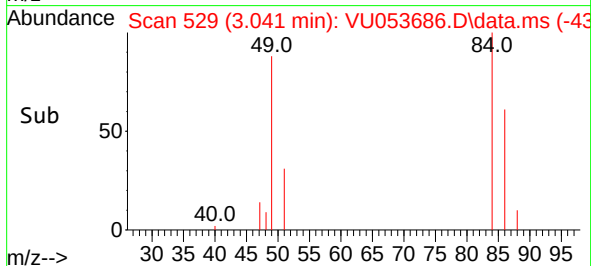
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03



Tgt Ion: 84 Resp: 313
Ion Ratio Lower Upper
84 100
86 61.4 44.7 83.1
49 87.8 75.5 140.1

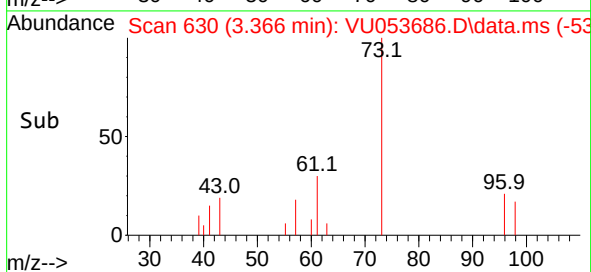
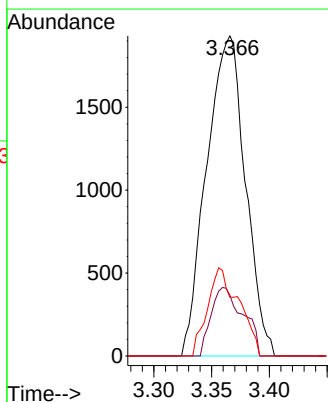
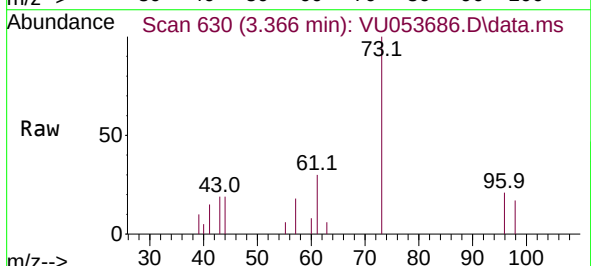
Manual Integrations
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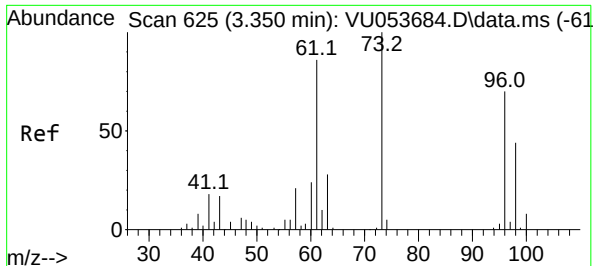
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/18/2023



#17
Methyl tert-butyl Ether
Concen: 0.247 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.006 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

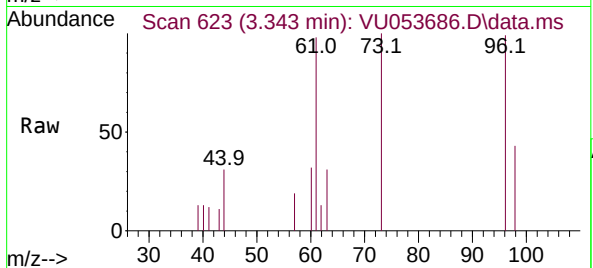
Tgt Ion: 73 Resp: 4503
Ion Ratio Lower Upper
73 100
43 17.7 13.9 20.9
57 22.3 17.0 25.6





#18
trans-1,2-Dichloroethene
Concen: 0.250 ug/L
RT: 3.343 min Scan# 61
Delta R.T. -0.006 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

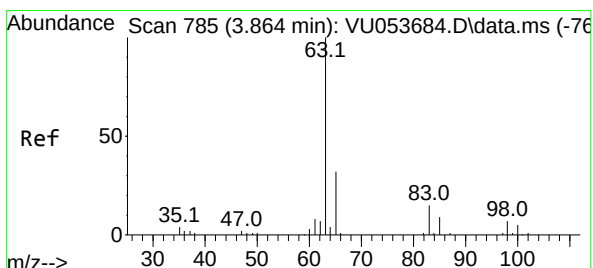
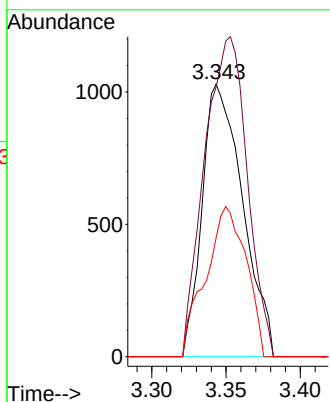
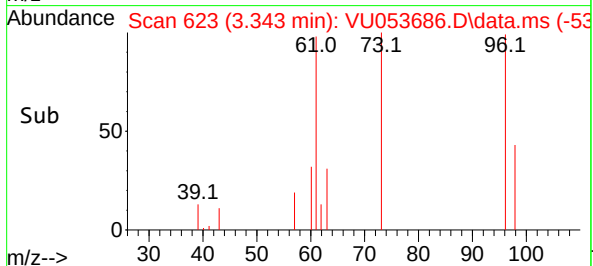
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03



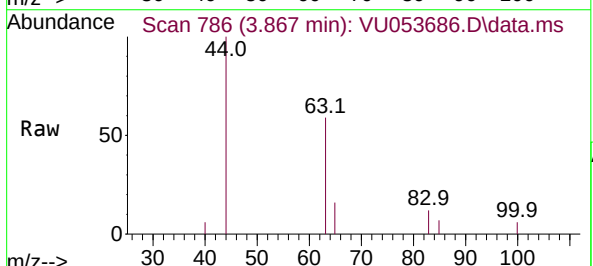
Tgt Ion: 96 Resp: 195
Ion Ratio Lower Upper
96 100
61 98.9 95.5 177.3
98 43.7 42.2 78.4

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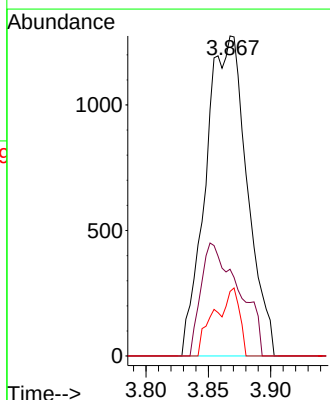
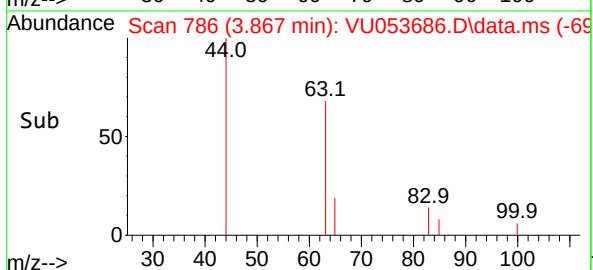
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/18/2023

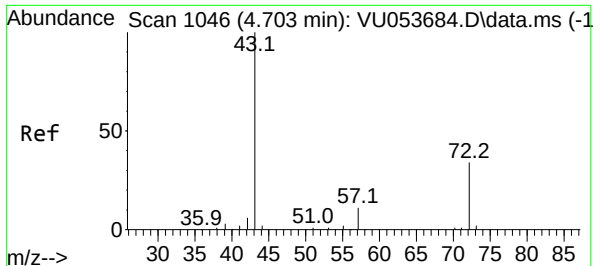


#19
1,1-Dichloroethane
Concen: 0.204 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.003 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52



Tgt Ion: 63 Resp: 2935
Ion Ratio Lower Upper
63 100
65 27.1 21.7 40.3
83 20.2 8.1 15.1#





#21

2-Butanone

Concen: 1.926 ug/L m

RT: 4.716 min Scan# 1050

Delta R.T. 0.013 min

Lab File: VU053686.D

Acq: 13 Apr 2023 16:52

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT2-2023-03

Tgt Ion: 43 Resp: 372

Ion Ratio Lower Upper

43 100

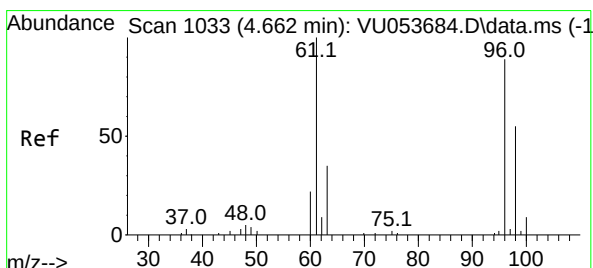
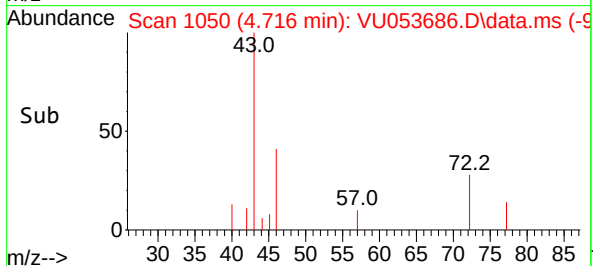
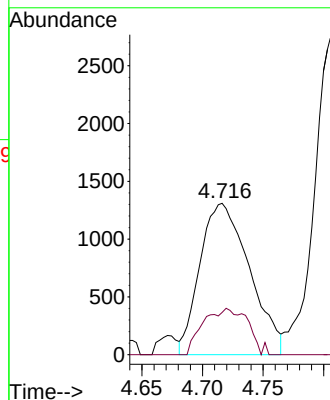
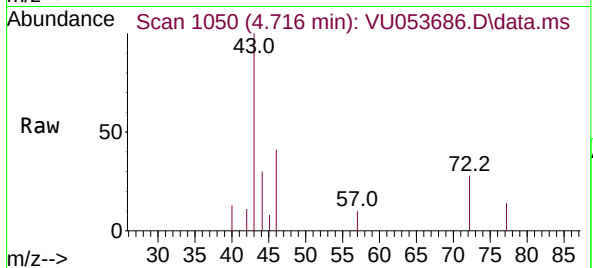
72 27.7 16.2 48.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/14/2023

Supervised By :Mahesh Dadoda 04/18/2023



#22

cis-1,2-Dichloroethene

Concen: 0.201 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VU053686.D

Acq: 13 Apr 2023 16:52

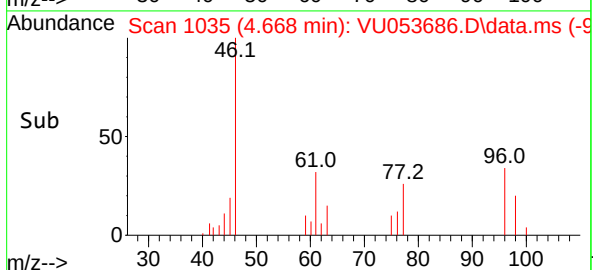
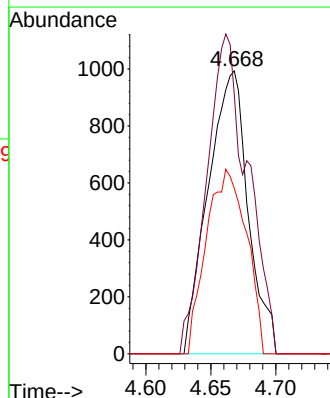
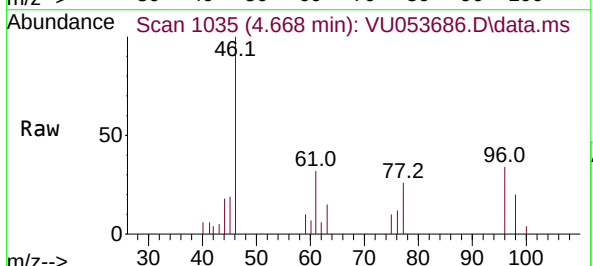
Tgt Ion: 96 Resp: 2124

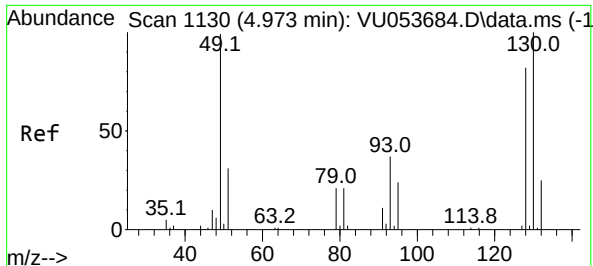
Ion Ratio Lower Upper

96 100

61 91.7 86.6 160.8

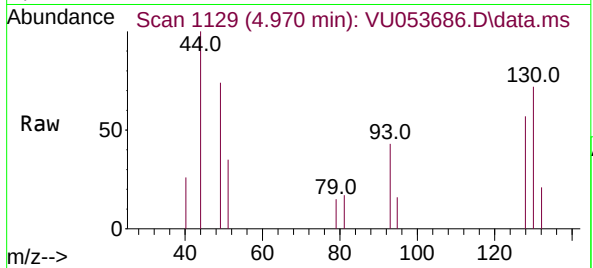
98 58.5 47.7 88.5





#23
Bromochloromethane
Concen: 0.241 ug/L
RT: 4.970 min Scan# 1130
Delta R.T. -0.003 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

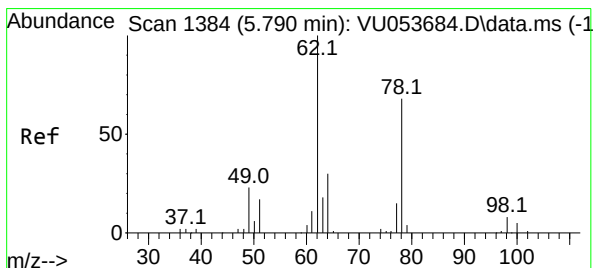
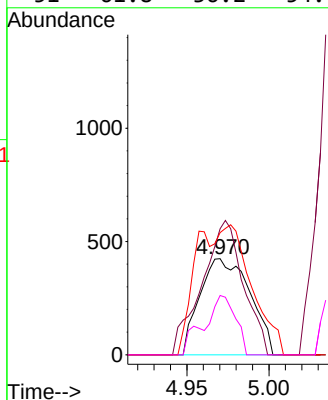
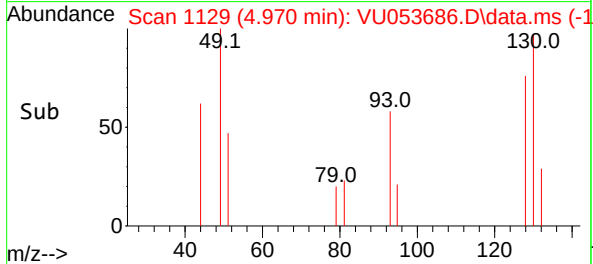
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2023-03



Tgt Ion: 128 Resp: 90
Ion Ratio Lower Upper
128 100
49 131.1 102.8 190.8
130 127.1 85.1 158.1
51 61.8 36.2 54.4#

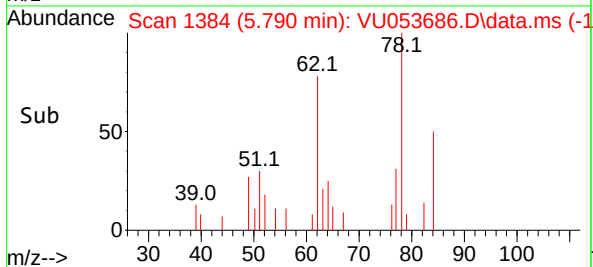
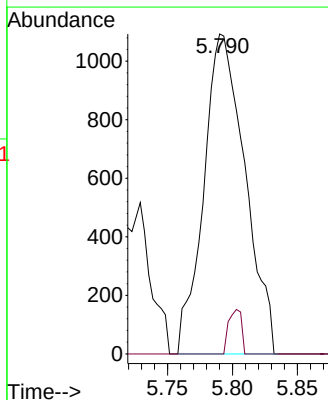
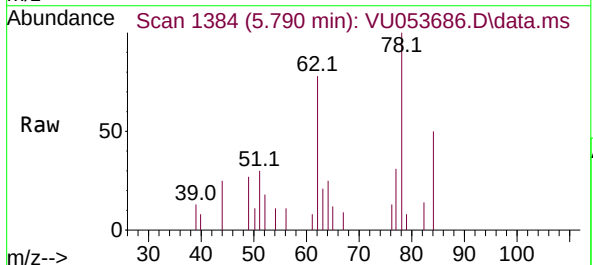
Manual Integrations
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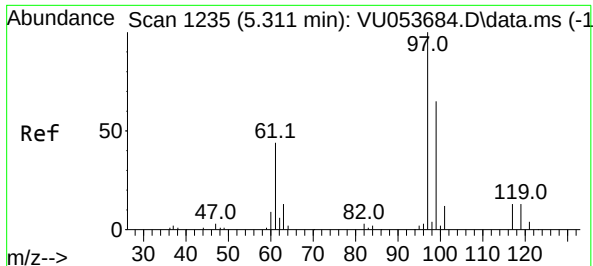
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/18/2023



#27
1,2-Dichloroethane
Concen: 0.260 ug/L
RT: 5.790 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

Tgt Ion: 62 Resp: 2417
Ion Ratio Lower Upper
62 100
98 0.0 6.4 9.6#





#29

1,1,1-Trichloroethane

Concen: 0.213 ug/L

RT: 5.314 min Scan# 1235

Delta R.T. 0.003 min

Lab File: VU053686.D

Acq: 13 Apr 2023 16:52

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT2-2023-03

Tgt Ion: 97 Resp: 2714

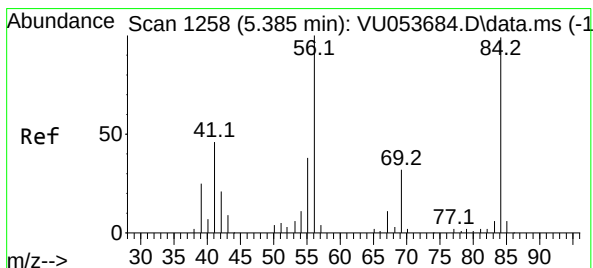
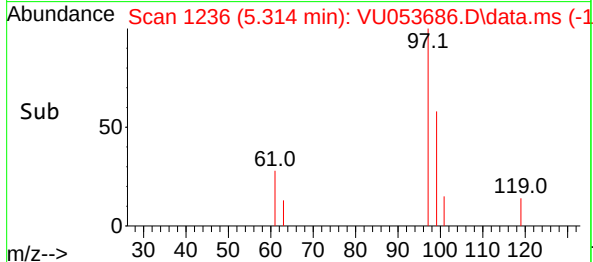
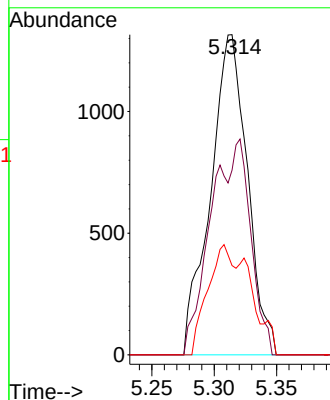
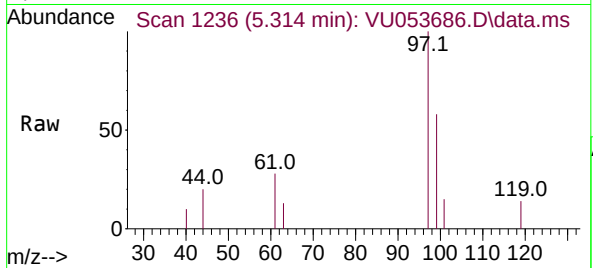
Ion	Ratio	Lower	Upper
97	100		
99	36.1	49.9	74.9
61	0.0	35.7	53.5

Manual Integrations

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Reviewed By :Krupa Patel 04/14/2023

Supervised By :Mahesh Dadoda 04/18/2023



#30

Cyclohexane

Concen: 0.200 ug/L

RT: 5.385 min Scan# 1258

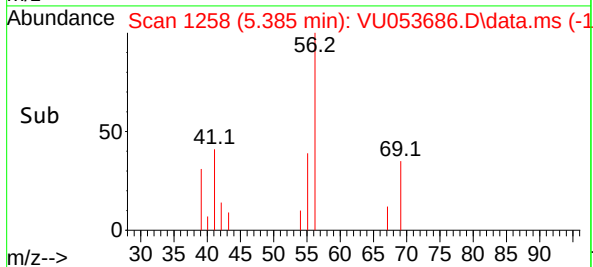
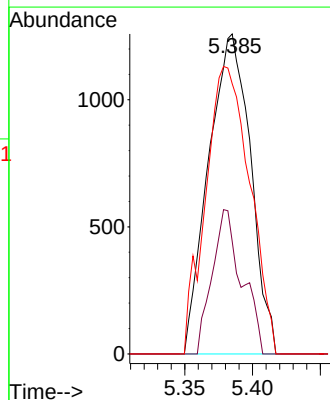
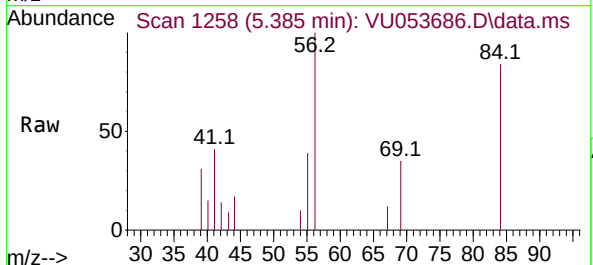
Delta R.T. 0.000 min

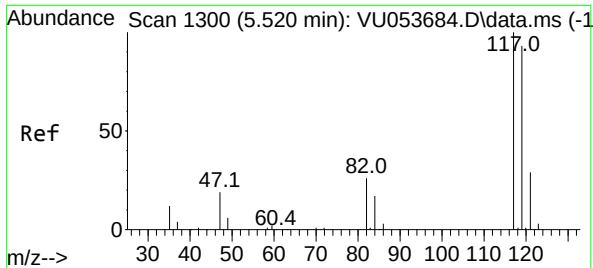
Lab File: VU053686.D

Acq: 13 Apr 2023 16:52

Tgt Ion: 56 Resp: 2709

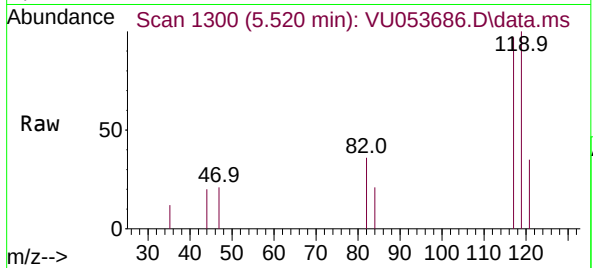
Ion	Ratio	Lower	Upper
56	100		
69	31.9	26.1	39.1
84	94.5	75.6	113.4





#31
Carbon tetrachloride
Concen: 0.227 ug/L
RT: 5.520 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

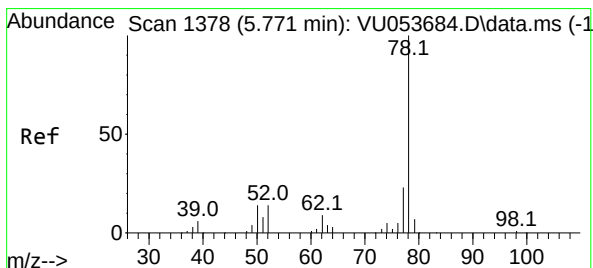
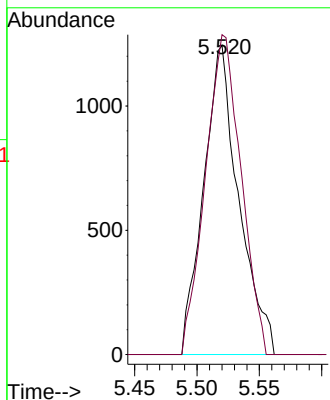
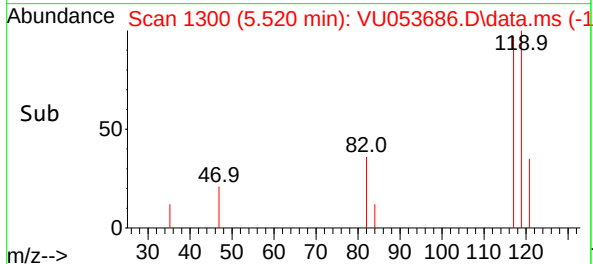
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2023-03



Tgt Ion:117 Resp: 244
Ion Ratio Lower Upper
117 100
119 104.9 77.7 116.5

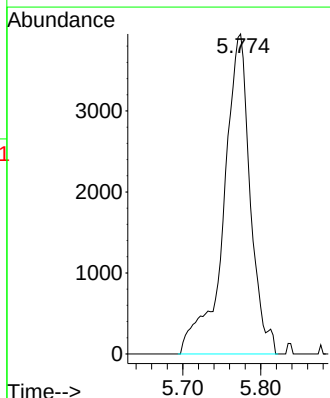
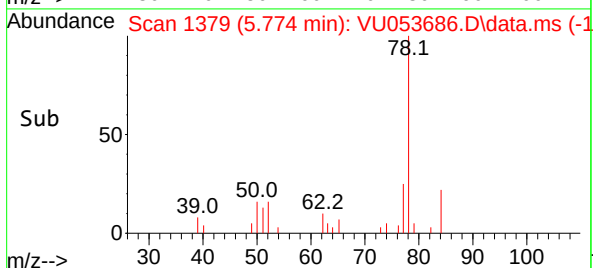
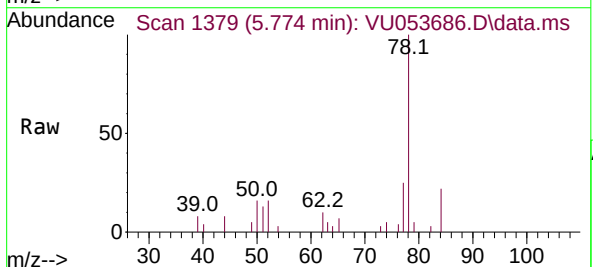
Manual Integrations
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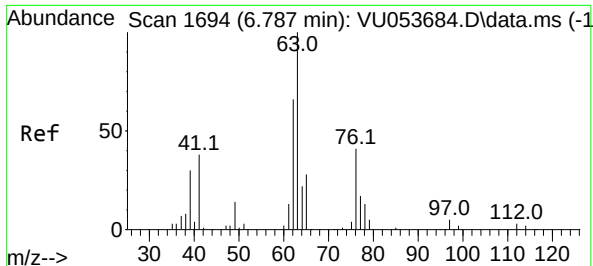
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/18/2023



#33
Benzene
Concen: 0.271 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.003 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

Tgt Ion: 78 Resp: 9373





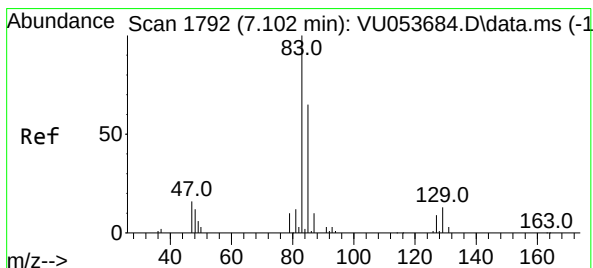
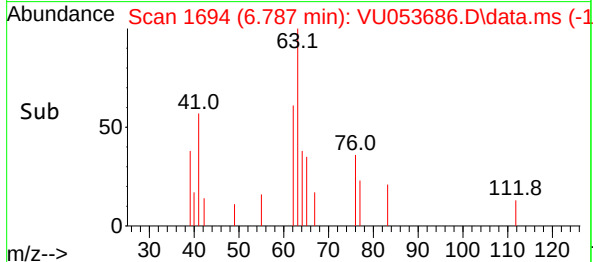
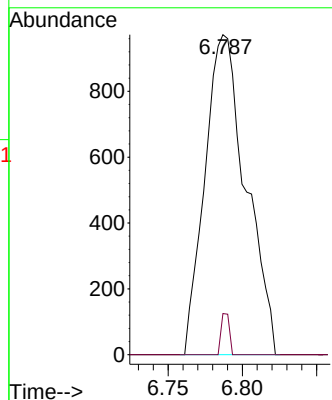
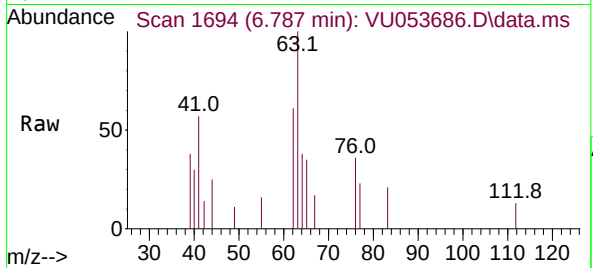
#37
1,2-Dichloropropane
Concen: 0.205 ug/L
RT: 6.787 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

Tgt Ion: 63 Resp: 1869
Ion Ratio Lower Upper
63 100
112 2.6 3.0 4.4

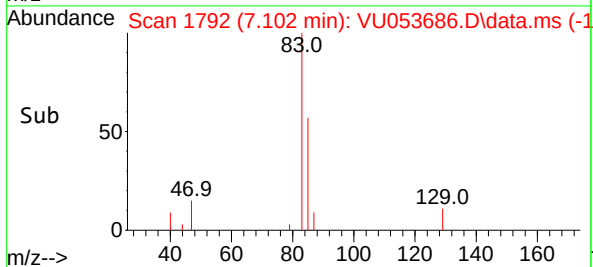
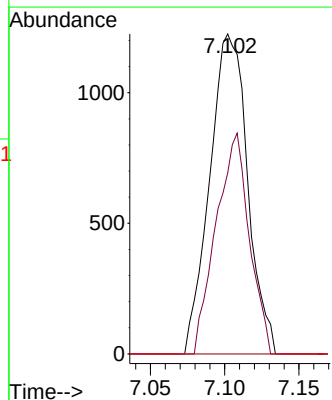
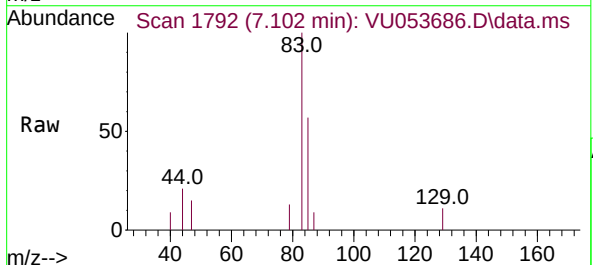
Manual Integrations
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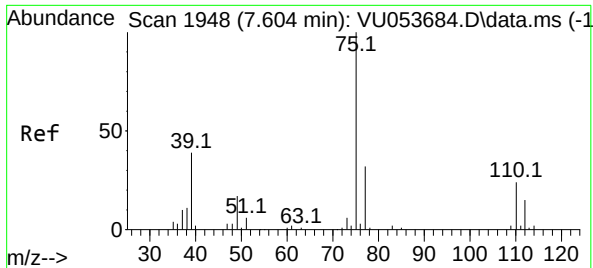
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/18/2023



#38
Bromodichloromethane
Concen: 0.214 ug/L
RT: 7.102 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

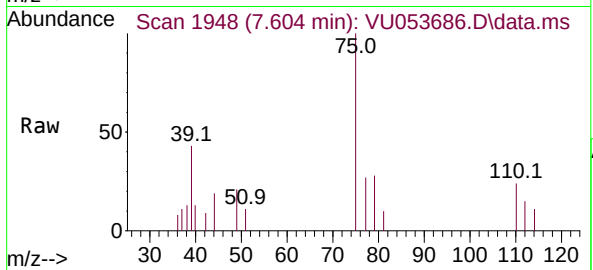
Tgt Ion: 83 Resp: 2173
Ion Ratio Lower Upper
83 100
85 56.6 44.0 81.8
127 0.0 5.8 8.6





#39
cis-1,3-Dichloropropene
Concen: 0.186 ug/L
RT: 7.604 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

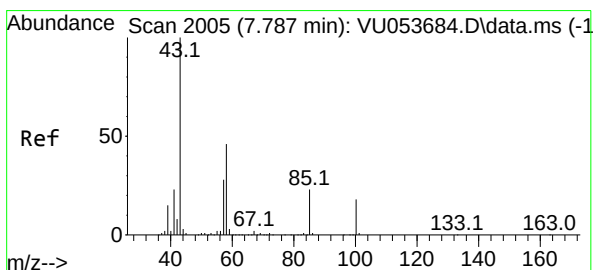
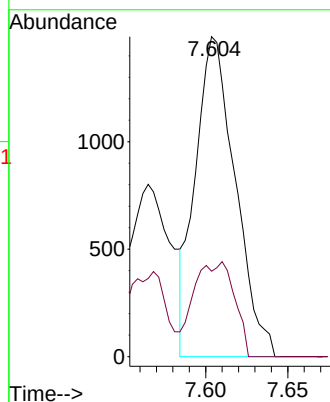
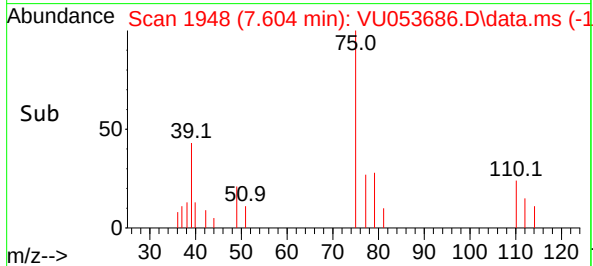
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2023-03



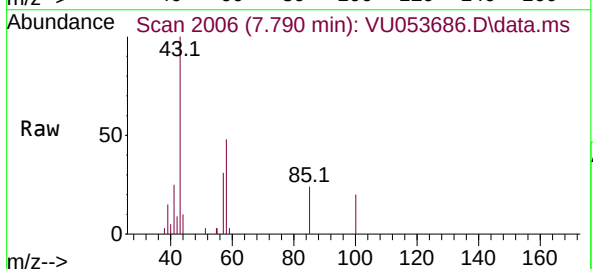
Tgt Ion: 75 Resp: 251
Ion Ratio Lower Upper
75 100
77 26.7 21.1 39.3

Manual Integrations
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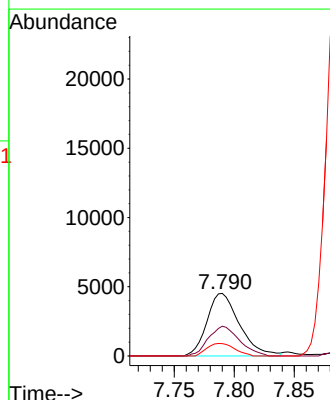
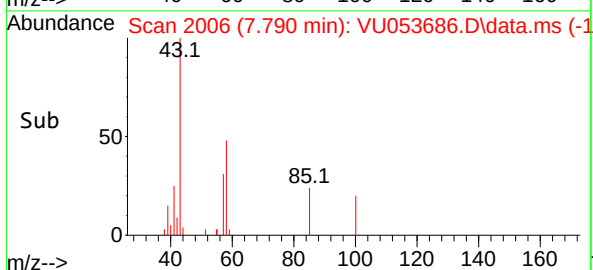
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/18/2023

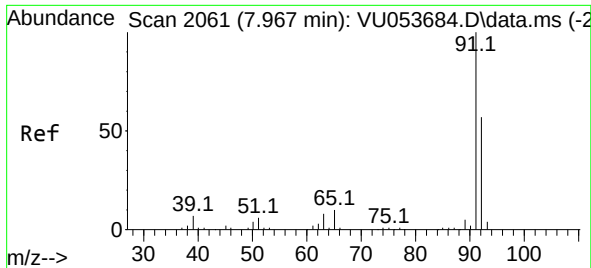


#40
4-Methyl-2-pentanone
Concen: 1.910 ug/L
RT: 7.790 min Scan# 2006
Delta R.T. 0.003 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52



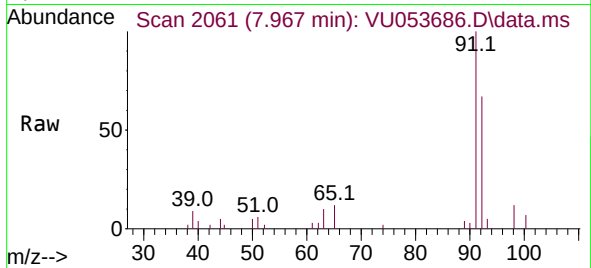
Tgt Ion: 43 Resp: 8526
Ion Ratio Lower Upper
43 100
58 45.2 37.4 56.0
100 0.0 14.0 21.0#





#42
Toluene
Concen: 0.274 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

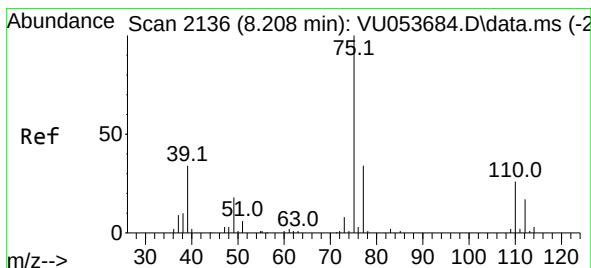
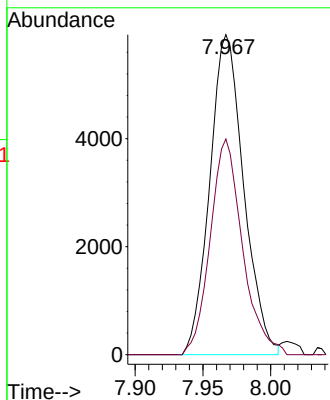
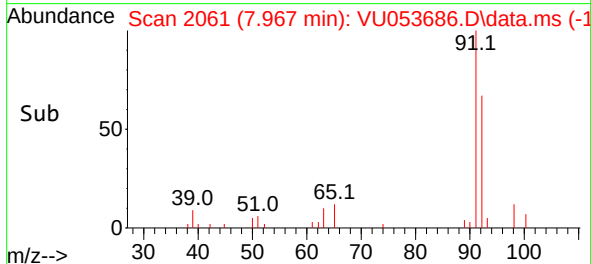
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT2-2023-03



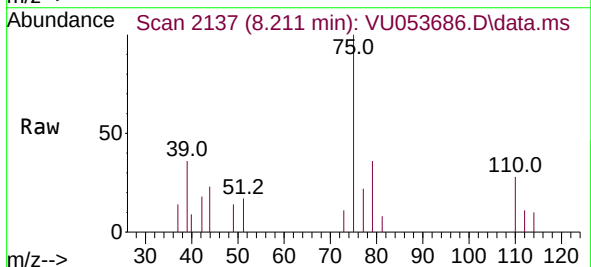
Tgt Ion: 91 Resp: 10330
Ion Ratio Lower Upper
91 100
92 67.4 40.4 75.0

Manual Integrations
APPROVED

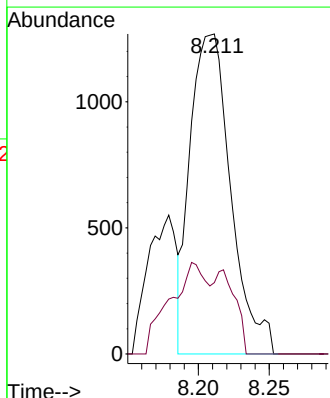
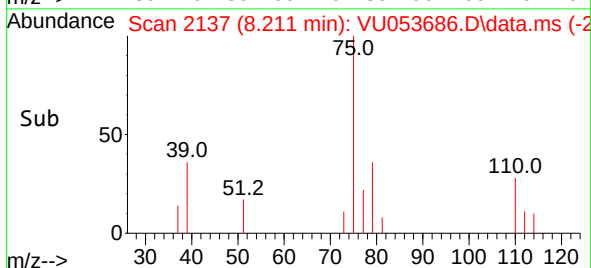
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/18/2023

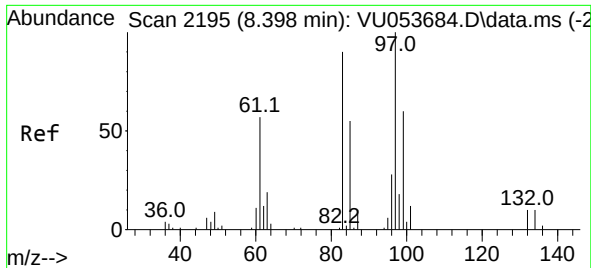


#44
trans-1,3-Dichloropropene
Concen: 0.231 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. 0.003 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52



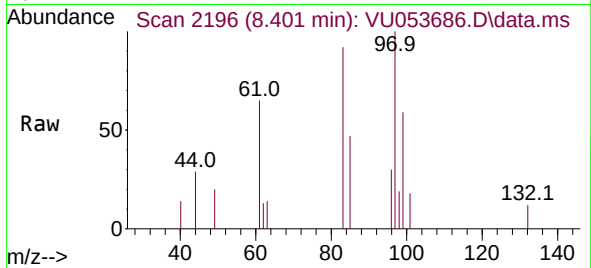
Tgt Ion: 75 Resp: 2533
Ion Ratio Lower Upper
75 100
77 22.3 22.0 40.8





#45
1,1,2-Trichloroethane
Concen: 0.222 ug/L
RT: 8.401 min Scan# 2195
Delta R.T. 0.003 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

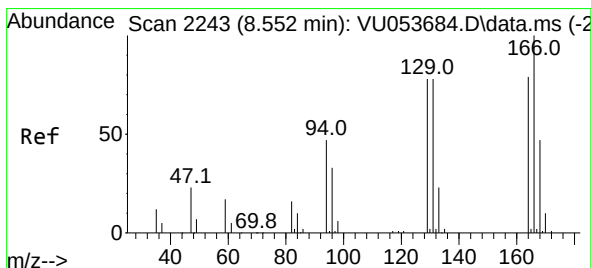
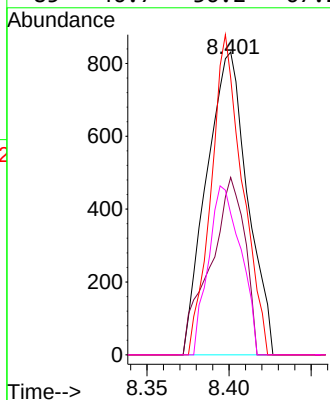
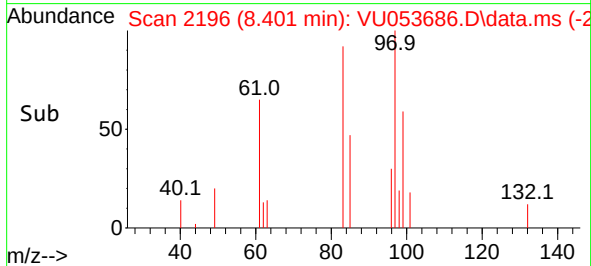
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03



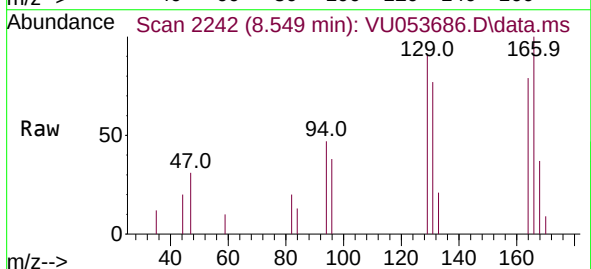
Tgt Ion: 97 Resp: 1430
Ion Ratio Lower Upper
97 100
99 58.6 38.9 72.2
83 91.6 57.6 107.0
85 46.7 36.2 67.2

Manual Integrations
APPROVED

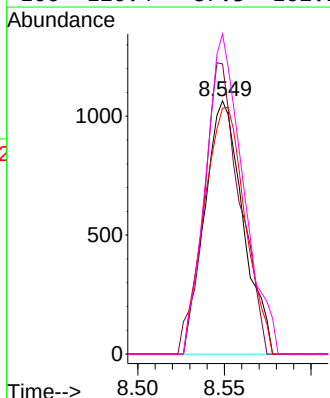
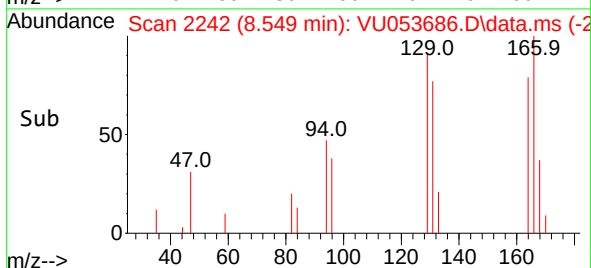
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/18/2023

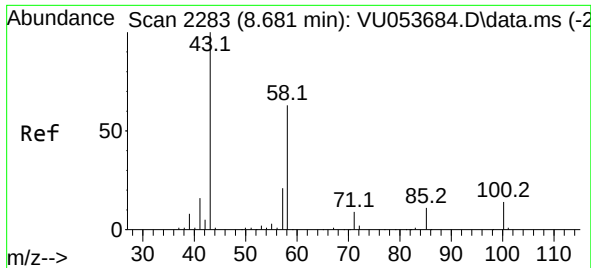


#47
Tetrachloroethene
Concen: 0.243 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52



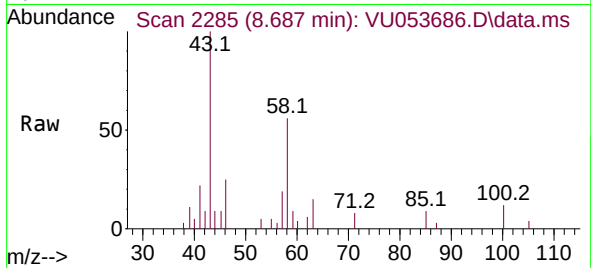
Tgt Ion:164 Resp: 1644
Ion Ratio Lower Upper
164 100
129 114.6 74.8 138.8
131 97.1 70.1 130.1
166 126.4 87.3 162.1





#48
2-Hexanone
Concen: 2.817 ug/L m
RT: 8.687 min Scan# 2283
Delta R.T. 0.006 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

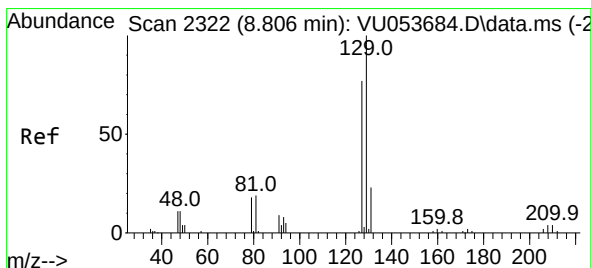
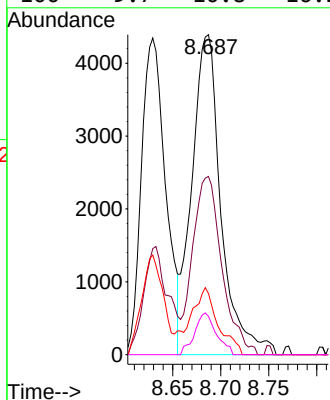
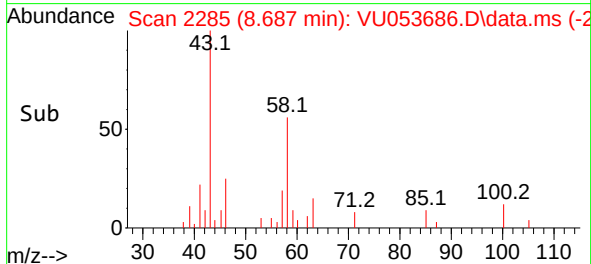
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03



Tgt Ion: 43 Resp: 9298
Ion Ratio Lower Upper
43 100
58 55.6 52.8 79.2
57 20.0 17.1 25.7
100 9.7 10.8 16.2#

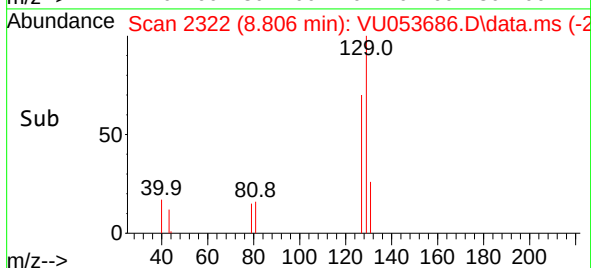
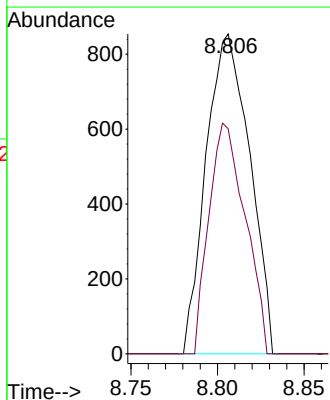
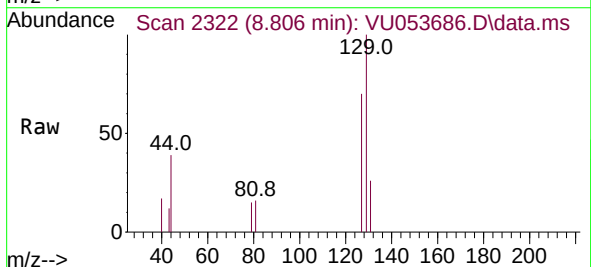
Manual Integrations
APPROVED

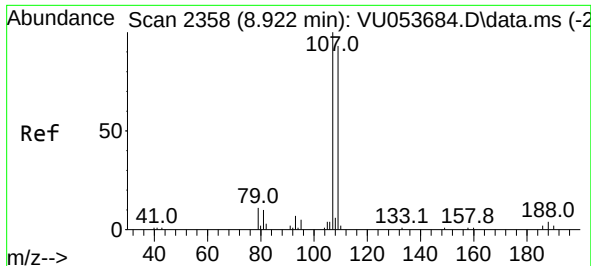
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/18/2023



#49
Dibromochloromethane
Concen: 0.234 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

Tgt Ion:129 Resp: 1498
Ion Ratio Lower Upper
129 100
127 70.4 52.2 97.0





#50

1,2-Dibromoethane

Concen: 0.202 ug/L

RT: 8.922 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU053686.D

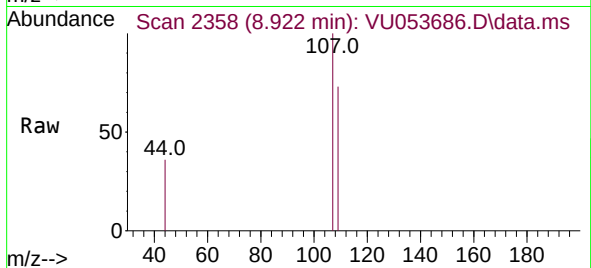
Acq: 13 Apr 2023 16:52

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT2-2023-03



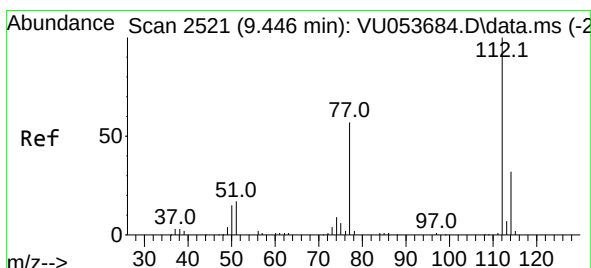
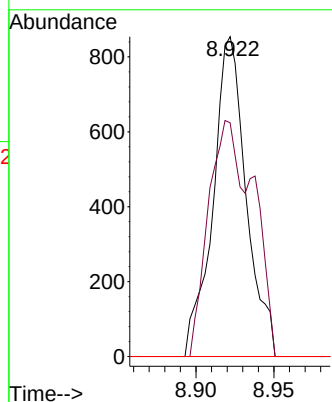
Tgt Ion:	107	Resp:	126
Ion Ratio	Lower	Upper	
107	100		
109	73.1	64.7	120.1
188	0.0	3.0	4.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/14/2023

Supervised By :Mahesh Dadoda 04/18/2023



#51

Chlorobenzene

Concen: 0.290 ug/L

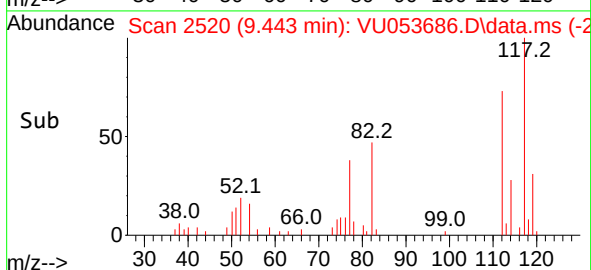
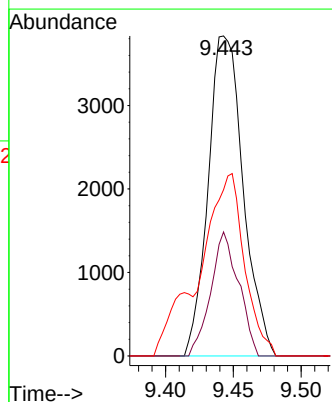
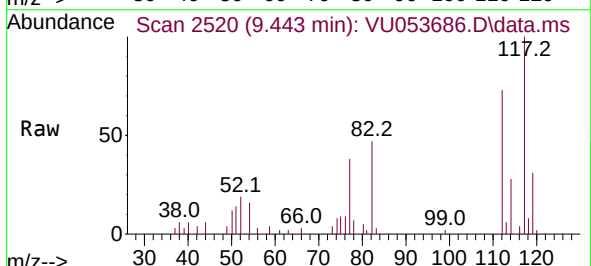
RT: 9.443 min Scan# 2520

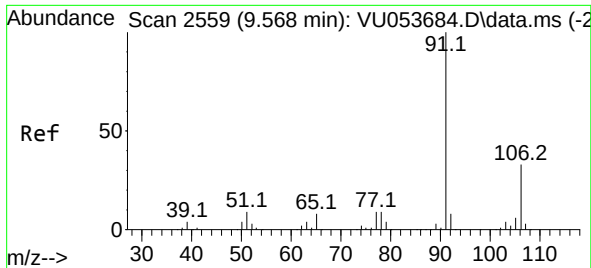
Delta R.T. -0.003 min

Lab File: VU053686.D

Acq: 13 Apr 2023 16:52

Tgt Ion:	112	Resp:	6905
Ion Ratio	Lower	Upper	
112	100		
114	38.8	22.1	41.1
77	51.9	45.8	68.6





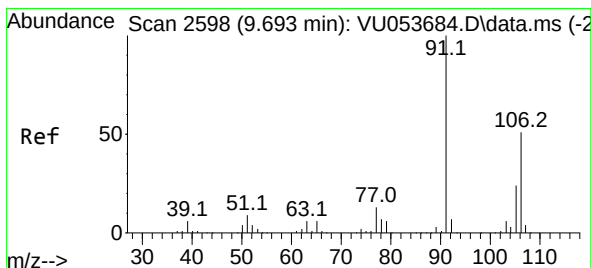
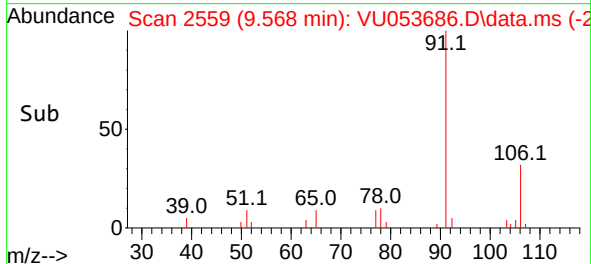
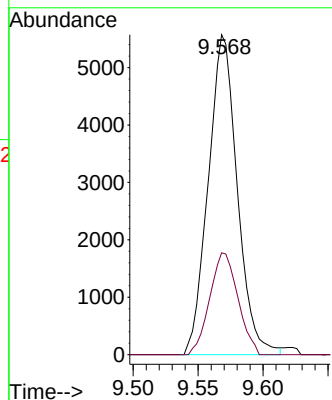
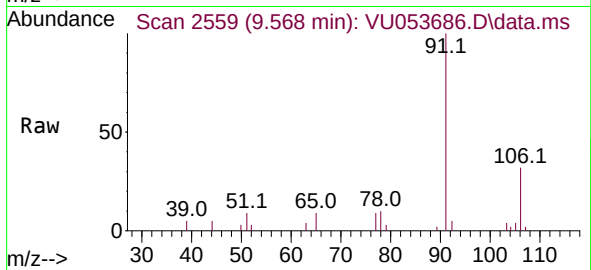
#52
Ethylbenzene
Concen: 0.210 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

Tgt Ion: 91 Resp: 8650
Ion Ratio Lower Upper
91 100
106 31.9 22.5 41.9

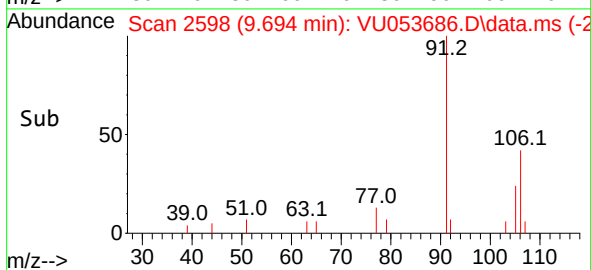
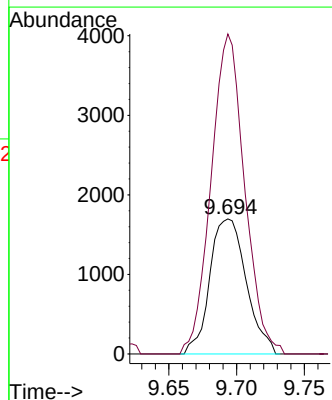
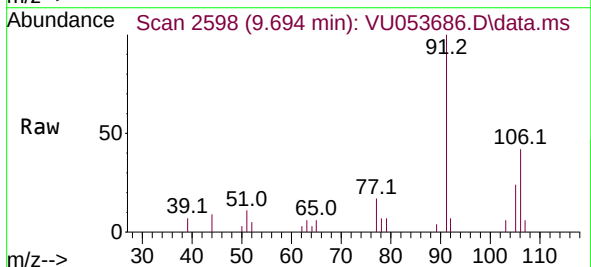
Manual Integrations
APPROVED

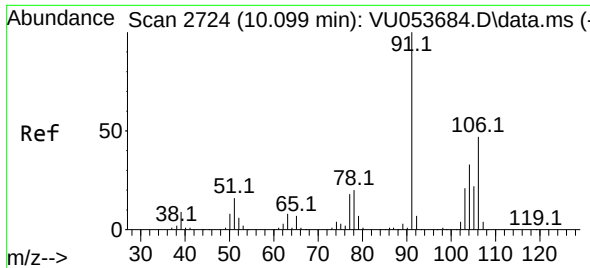
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/18/2023



#53
m,p-Xylene
Concen: 0.202 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

Tgt Ion:106 Resp: 3175
Ion Ratio Lower Upper
106 100
91 236.9 138.8 257.8





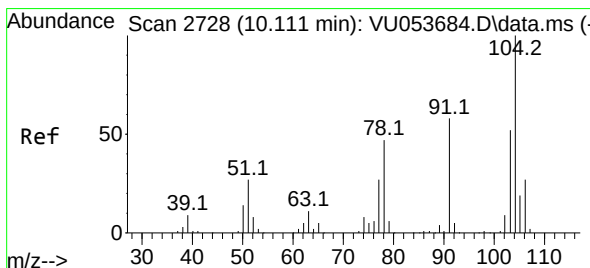
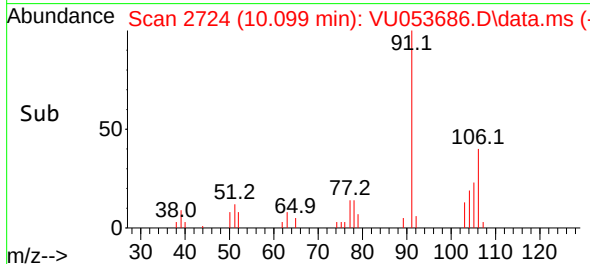
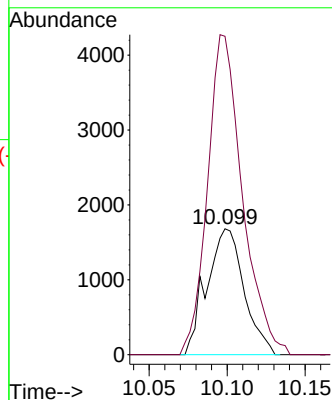
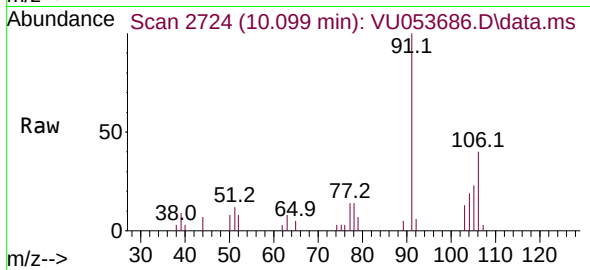
#54
o-Xylene
Concen: 0.188 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

Tgt Ion:106 Resp: 2799
Ion Ratio Lower Upper
106 100
91 252.6 150.8 280.0

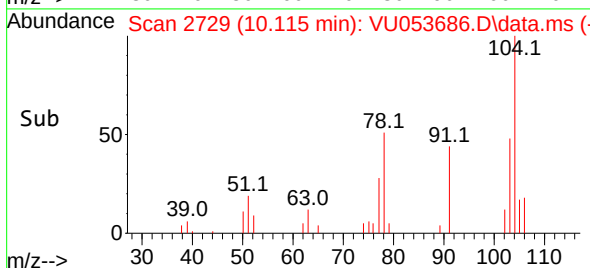
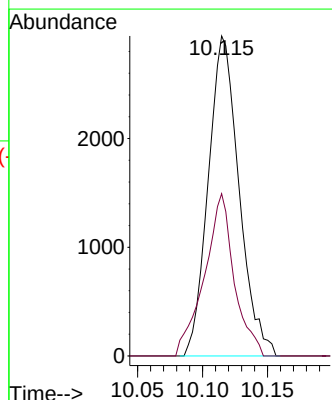
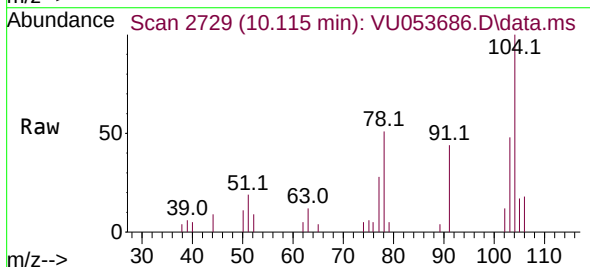
Manual Integrations
APPROVED

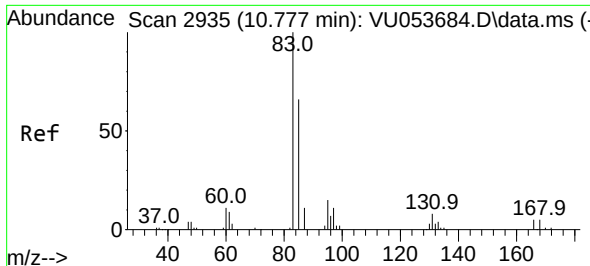
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/18/2023



#55
Styrene
Concen: 0.198 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.003 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

Tgt Ion:104 Resp: 4840
Ion Ratio Lower Upper
104 100
78 50.7 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 0.226 ug/L

RT: 10.780 min Scan# 2935

Delta R.T. 0.003 min

Lab File: VU053686.D

Acq: 13 Apr 2023 16:52

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT2-2023-03

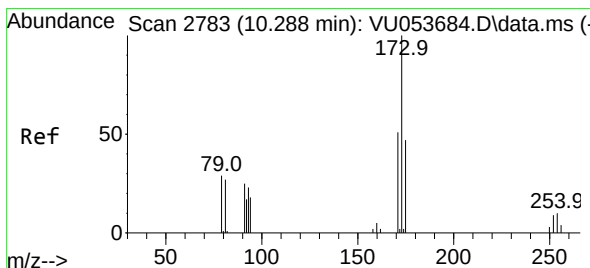
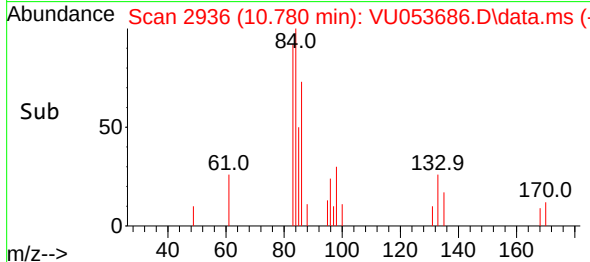
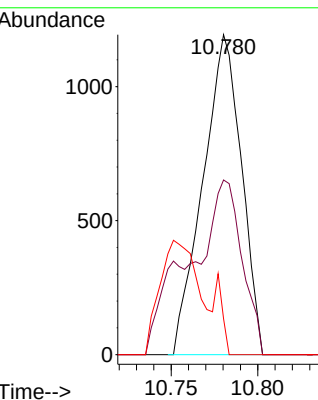
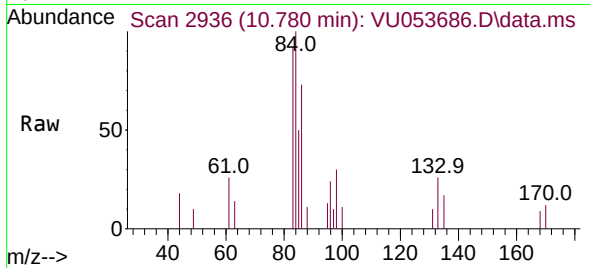
Tgt Ion: 83 Resp: 1840
 Ion Ratio Lower Upper
 83 100
 85 54.6 43.8 81.4
 131 11.2 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/14/2023

Supervised By :Mahesh Dadoda 04/18/2023



#59

Bromoform

Concen: 0.203 ug/L

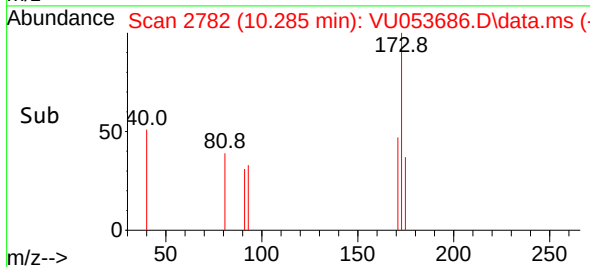
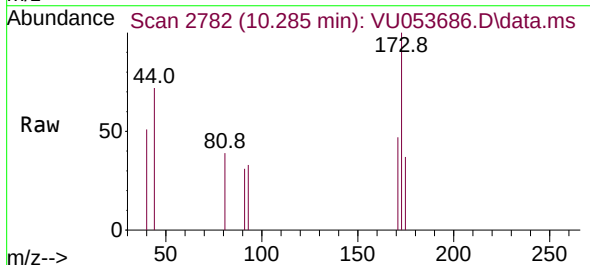
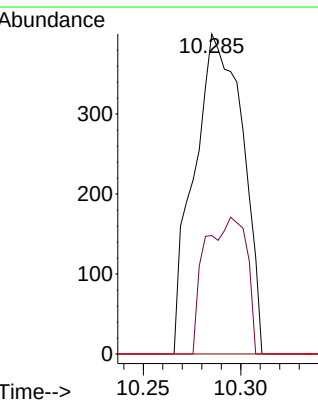
RT: 10.285 min Scan# 2782

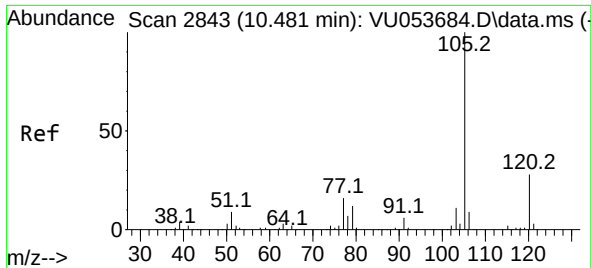
Delta R.T. -0.003 min

Lab File: VU053686.D

Acq: 13 Apr 2023 16:52

Tgt Ion:173 Resp: 691
 Ion Ratio Lower Upper
 173 100
 175 36.6 39.9 59.9#
 254 0.0 6.6 9.8#





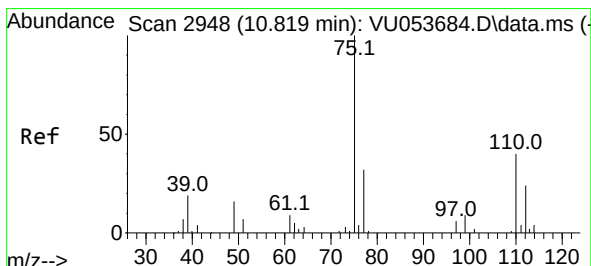
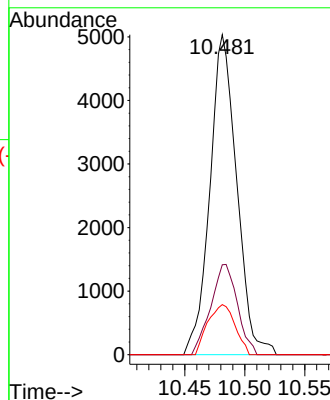
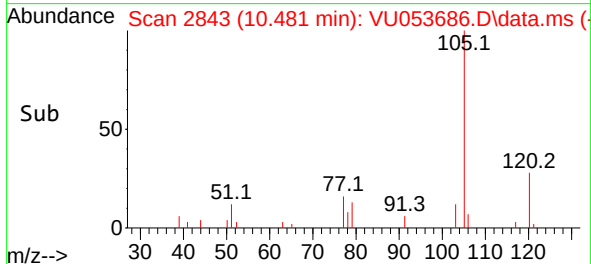
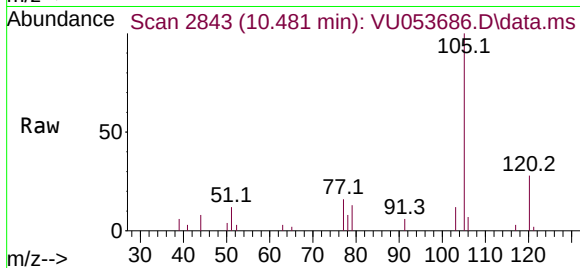
#60
Isopropylbenzene
Concen: 0.195 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

Tgt Ion:105 Resp: 7828
Ion Ratio Lower Upper
105 100
120 27.9 21.5 32.3
77 15.8 13.0 19.4

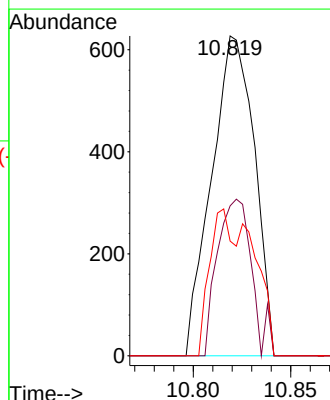
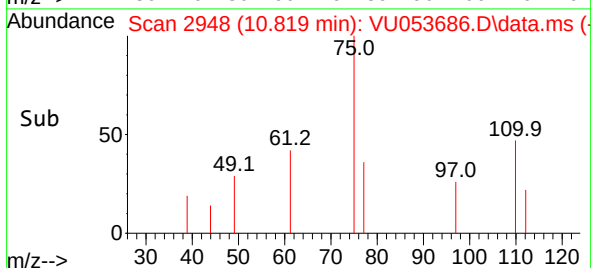
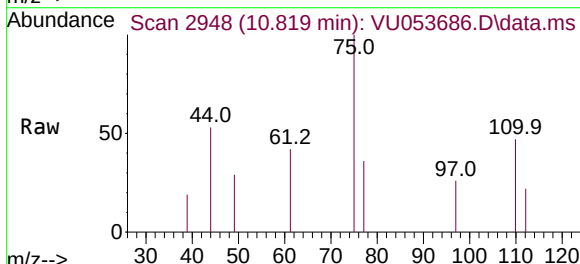
Manual Integrations
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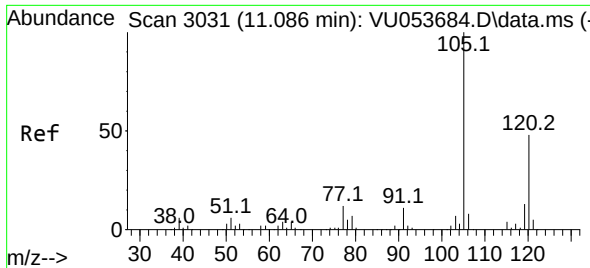
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/18/2023



#61
1,2,3-Trichloropropane
Concen: 0.176 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. 0.000 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

Tgt Ion: 75 Resp: 962
Ion Ratio Lower Upper
75 100
110 39.0 30.6 46.0
77 26.7 26.1 39.1





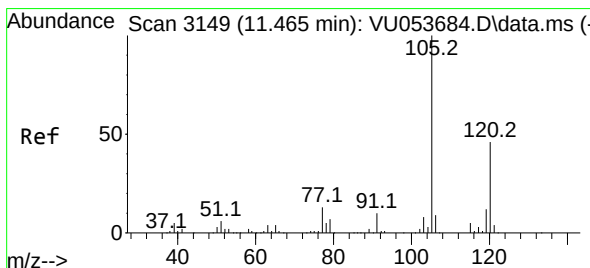
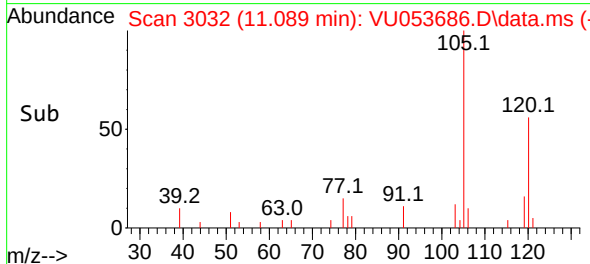
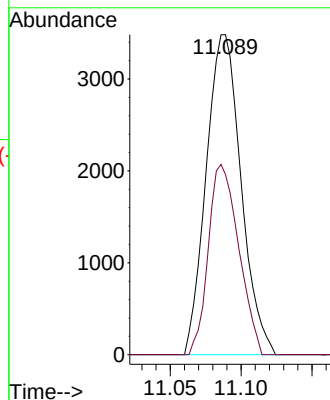
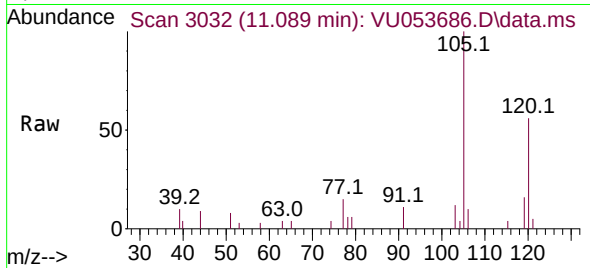
#62
1,3,5-Trimethylbenzene
Concen: 0.183 ug/L
RT: 11.089 min Scan# 3031
Delta R.T. 0.003 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03

Tgt Ion:105 Resp: 596
Ion Ratio Lower Upper
105 100
120 51.7 37.8 56.8

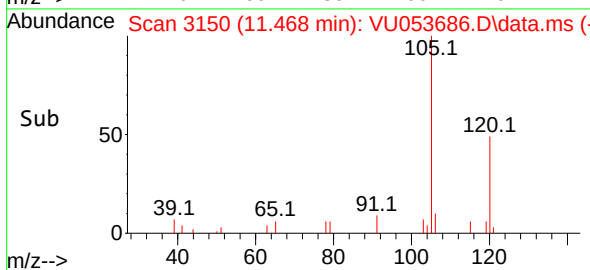
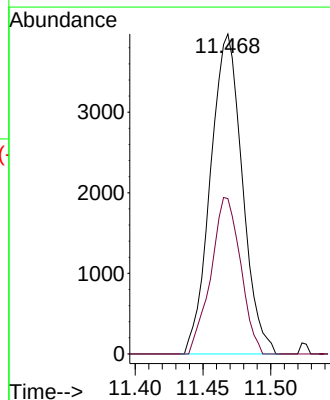
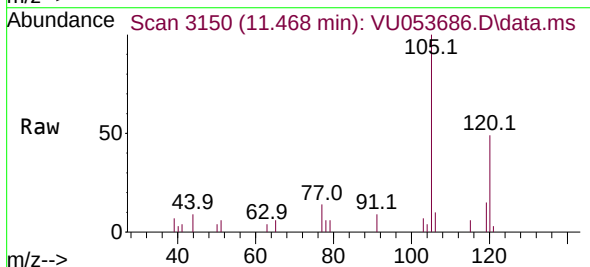
Manual Integrations
APPROVED

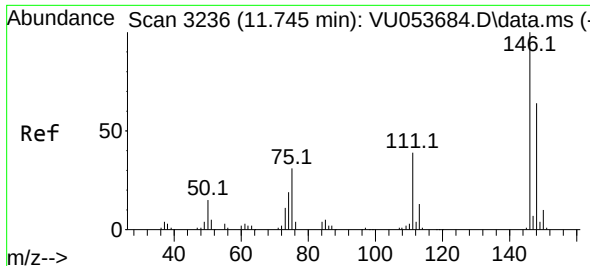
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/18/2023



#63
1,2,4-Trimethylbenzene
Concen: 0.195 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.003 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

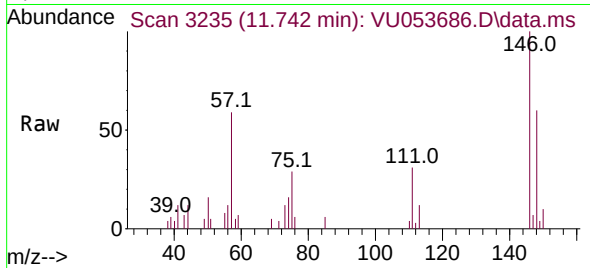
Tgt Ion:105 Resp: 6492
Ion Ratio Lower Upper
105 100
120 45.4 35.4 53.0





#64
1,3-Dichlorobenzene
Concen: 0.267 ug/L
RT: 11.742 min Scan# 3235
Delta R.T. -0.003 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

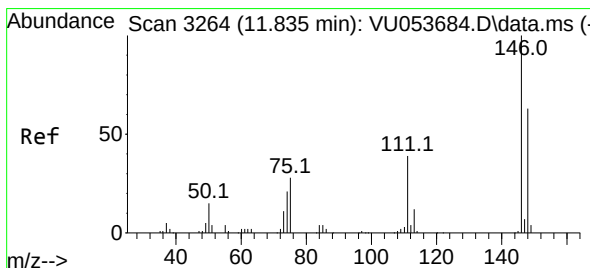
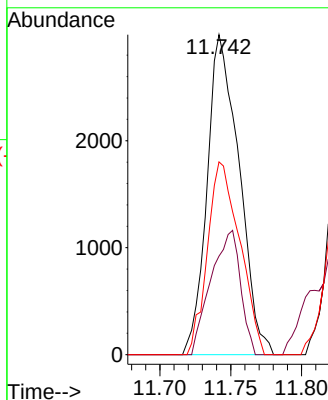
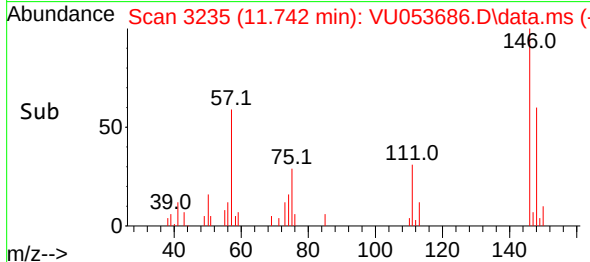
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03



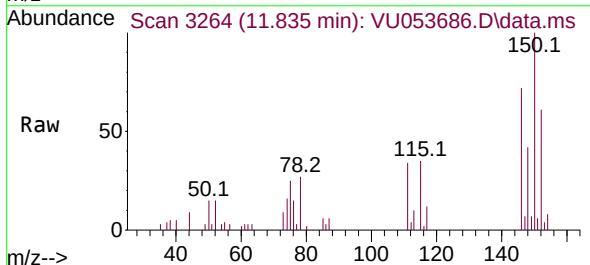
Tgt Ion:146 Resp: 4700
Ion Ratio Lower Upper
146 100
111 30.8 29.4 54.6
148 60.3 44.3 82.3

Manual Integrations
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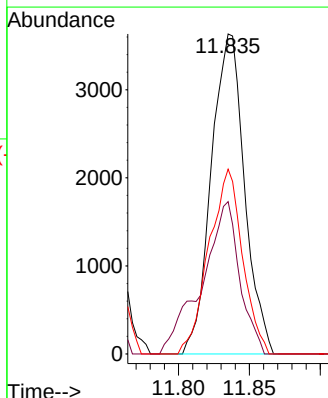
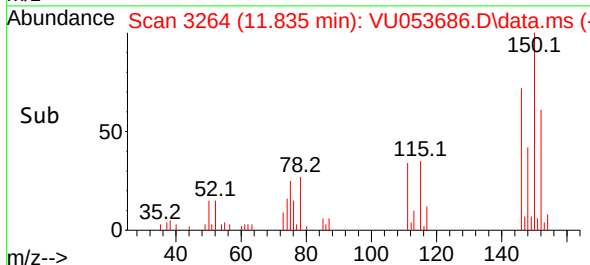
Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/18/2023

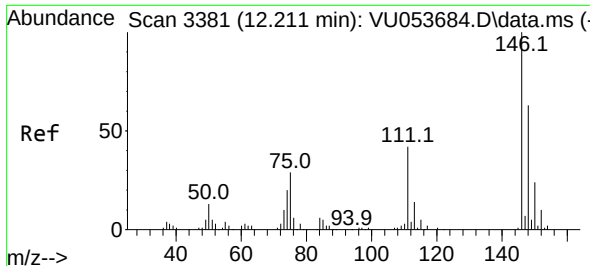


#65
1,4-Dichlorobenzene
Concen: 0.335 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52



Tgt Ion:146 Resp: 5924
Ion Ratio Lower Upper
146 100
111 47.6 29.8 55.4
148 57.7 43.0 80.0





#67

1,2-Dichlorobenzene

Concen: 0.272 ug/L

RT: 12.211 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU053686.D

Acq: 13 Apr 2023 16:52

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT2-2023-03

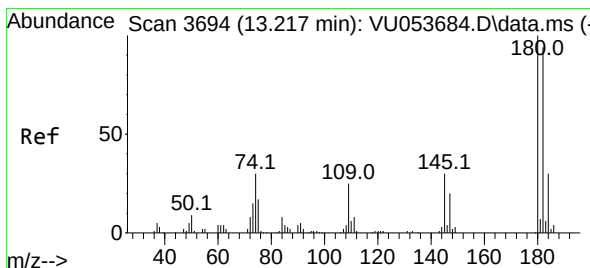
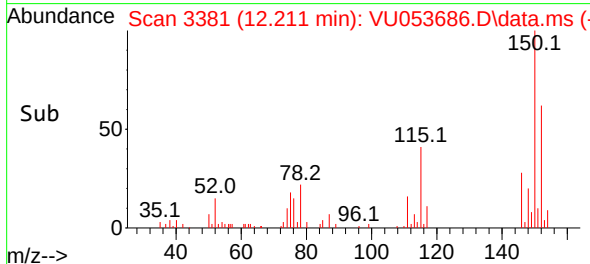
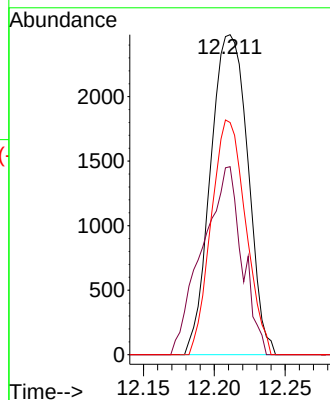
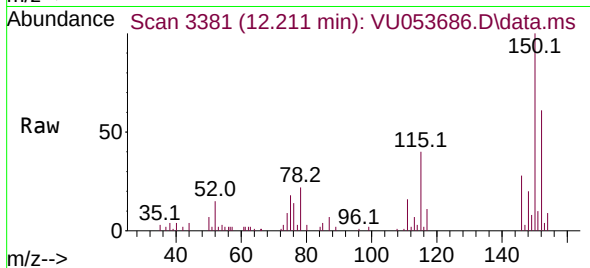
Tgt Ion:146	Resp:	454
Ion Ratio	Lower	Upper
146	100	
111	58.8	35.0 52.6
148	72.5	48.2 72.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/14/2023

Supervised By :Mahesh Dadoda 04/18/2023



#69

1,3,5-Trichlorobenzene

Concen: 0.251 ug/L

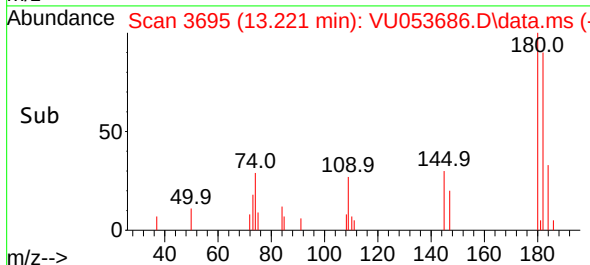
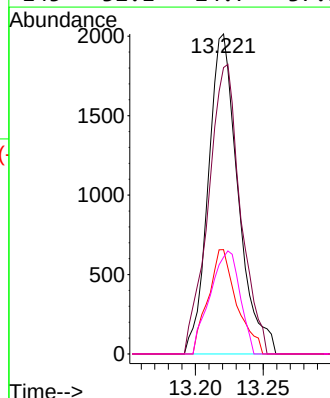
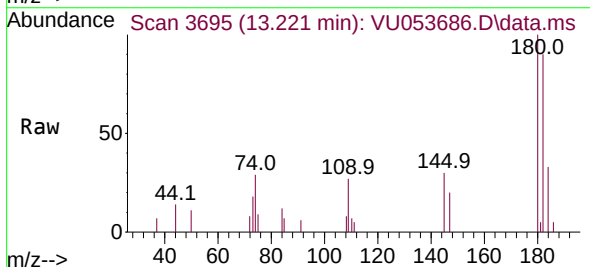
RT: 13.221 min Scan# 3695

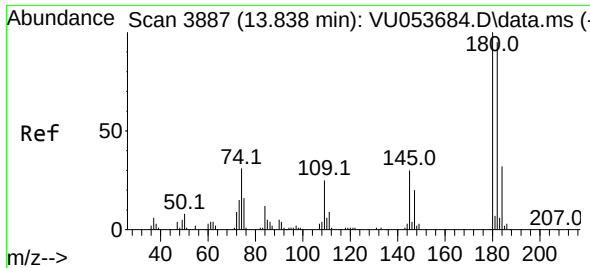
Delta R.T. 0.003 min

Lab File: VU053686.D

Acq: 13 Apr 2023 16:52

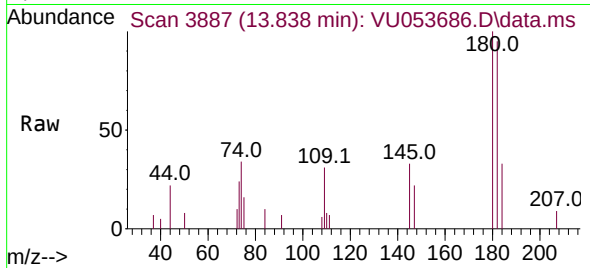
Tgt Ion:180	Resp:	3085
Ion Ratio	Lower	Upper
180	100	
182	97.1	76.7 115.1
184	31.3	24.1 36.1
145	32.1	24.7 37.1





#70
1,2,4-trichlorobenzene
Concen: 0.338 ug/L
RT: 13.838 min Scan# 3887
Delta R.T. 0.000 min
Lab File: VU053686.D
Acq: 13 Apr 2023 16:52

Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2023-03



Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.0	75.4	113.2
145	28.3	25.8	38.8

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/18/2023

