

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021323\
 Data File : VU053071.D
 Acq On : 13 Feb 2023 11:24
 Operator : JC/MD
 Sample : 01378-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/15/2023
 Supervised By :Mahesh Dadoda 02/15/2023

Quant Time: Feb 14 00:56:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 14 00:41:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	122905	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	108456	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	50675	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	24702	4.195	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.000%
7) Chloroethane-d5	1.913	69	25608	4.627	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.566	65	11197	4.146	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.000%
20) 2-Butanone-d5	4.643	46	94968	52.665	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.320%
24) Chloroform-d	5.061	84	62095	4.583	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.698	65	31628	4.633	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.723	84	115307	4.731	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	6.688	67	40747	4.800	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.897	98	99874	4.536	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	8.177	79	15746	4.582	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.633	63	77467	50.777	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.560%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	35192	4.827	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	12.189	152	35888	4.741	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	1587	0.176	ug/L	91
3) Chloromethane	1.518	50	1786	0.190	ug/L	92
5) Vinyl chloride	1.604	62	1816	0.175	ug/L	85
8) Chloroethane	1.932	64	1116	0.183	ug/L	99
9) Trichlorofluoromethane	2.138	101	2189	0.153	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	1499	0.191	ug/L	92
12) 1,1-Dichloroethene	2.575	96	1642	0.226	ug/L #	1
14) Carbon disulfide	2.794	76	3983	0.181	ug/L	97
15) Methyl Acetate	2.971	43	879m	0.278	ug/L	
16) Methylene chloride	3.048	84	3559	0.423	ug/L	88
17) Methyl tert-butyl Ether	3.363	73	3221	0.163	ug/L #	89
18) trans-1,2-Dichloroethene	3.350	96	1356	0.176	ug/L	85
19) 1,1-Dichloroethane	3.871	63	2195	0.151	ug/L	96
21) 2-Butanone	4.730	43	4360m	2.280	ug/L	
22) cis-1,2-Dichloroethene	4.659	96	1646	0.190	ug/L	88
23) Bromochloromethane	4.964	128	559m	0.163	ug/L	
27) 1,2-Dichloroethane	5.791	62	1402	0.151	ug/L #	75
29) 1,1,1-Trichloroethane	5.312	97	2345	0.181	ug/L #	89
30) Cyclohexane	5.386	56	2462	0.190	ug/L	98

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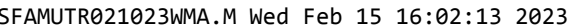
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

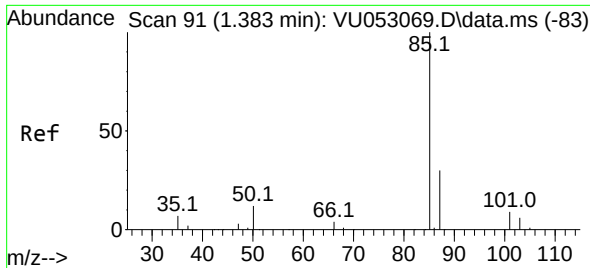
31) Carbon tetrachloride	5.517	117	1671	0.155	ug/L	99
33) Benzene	5.768	78	5395	0.173	ug/L	100
37) 1,2-Dichloropropane	6.787	63	1408	0.165	ug/L #	90
38) Bromodichloromethane	7.106	83	1734	0.157	ug/L #	87
39) cis-1,3-Dichloropropene	7.607	75	2018	0.149	ug/L	96
40) 4-Methyl-2-pentanone	7.791	43	8488m	1.911	ug/L	
42) Toluene	7.968	91	6030	0.178	ug/L	93
44) trans-1,3-Dichloropropene	8.212	75	1883	0.168	ug/L	83
45) 1,1,2-Trichloroethane	8.398	97	1035	0.169	ug/L	91
47) Tetrachloroethene	8.549	164	961	0.168	ug/L	83
48) 2-Hexanone	8.685	43	9770m	2.997	ug/L	
49) Dibromochloromethane	8.803	129	1177	0.176	ug/L #	73
50) 1,2-Dibromoethane	8.922	107	945	0.167	ug/L #	98
51) Chlorobenzene	9.447	112	3625	0.171	ug/L	91
52) Ethylbenzene	9.569	91	6641	0.172	ug/L	91
53) m,p-Xylene	9.694	106	2443	0.170	ug/L	93
54) o-Xylene	10.096	106	2334	0.167	ug/L	92
55) Styrene	10.112	104	3503	0.155	ug/L	81
57) 1,1,2,2-Tetrachloroethane	10.778	83	1513	0.195	ug/L #	91
60) Isopropylbenzene	10.482	105	5984	0.163	ug/L	97
61) 1,2,3-Trichloropropane	10.819	75	792	0.163	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	5321	0.172	ug/L	96
63) 1,2,4-Trimethylbenzene	11.466	105	5324	0.172	ug/L	99
64) 1,3-Dichlorobenzene	11.746	146	2403	0.162	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	2524	0.170	ug/L	93
67) 1,2-Dichlorobenzene	12.209	146	2318	0.167	ug/L	91

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

Manual Integrations

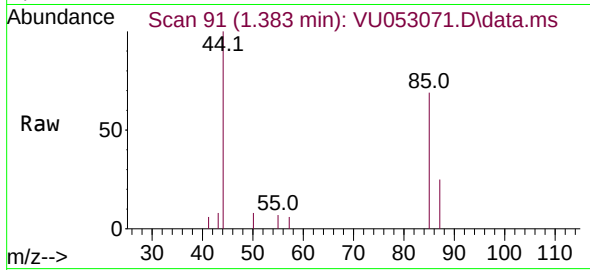
Quant Time: Feb 14 00:56:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
Quant Title : TRACE VOA SFAM1.0
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#2
Dichlorodifluoromethane
Concen: 0.176 ug/L
RT: 1.383 min Scan# 91
Delta R.T. -0.000 min
Lab File: VU053071.D
Acq: 13 Feb 2023 11:24

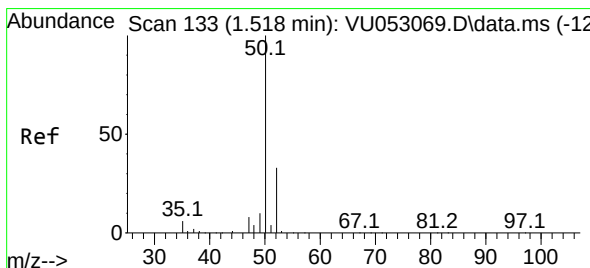
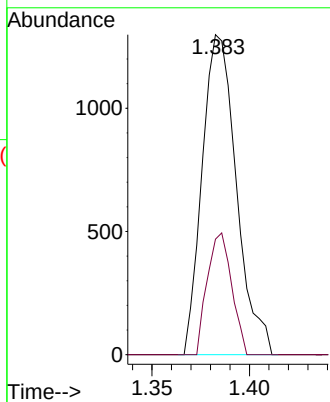
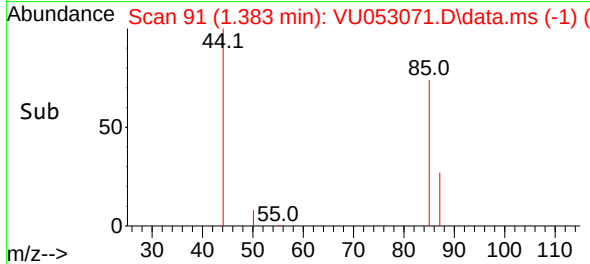
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT1-2023-02



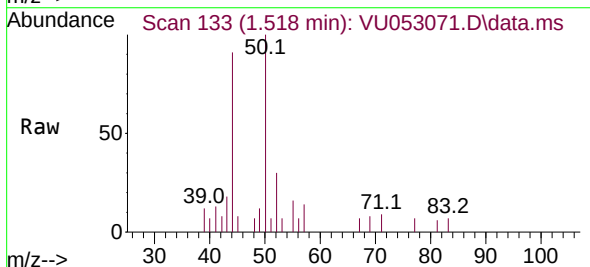
Tgt Ion: 85 Resp: 158
Ion Ratio Lower Upper
85 100
87 27.0 25.5 38.3

Manual Integrations
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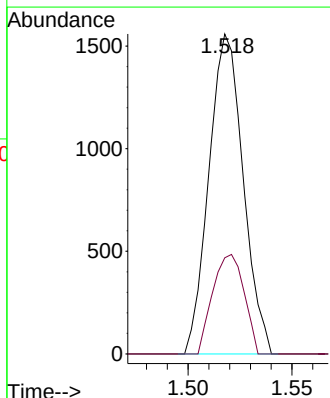
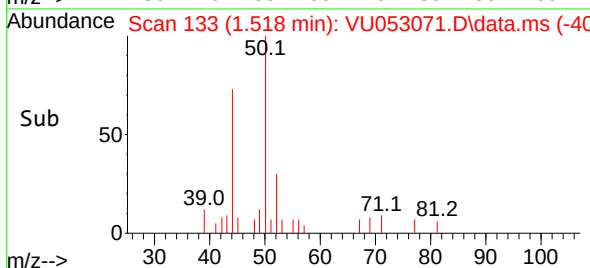
Reviewed By :Krupa Patel 02/15/2023
Supervised By :Mahesh Dadoda 02/15/2023

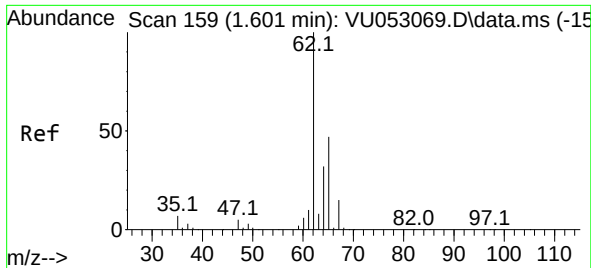


#3
Chloromethane
Concen: 0.190 ug/L
RT: 1.518 min Scan# 133
Delta R.T. -0.000 min
Lab File: VU053071.D
Acq: 13 Feb 2023 11:24



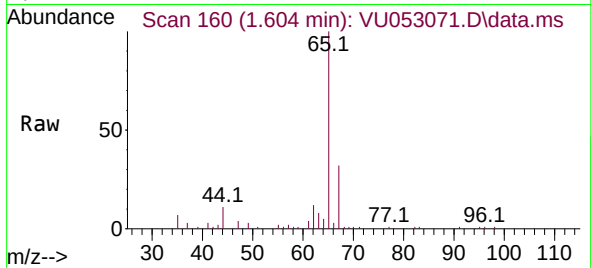
Tgt Ion: 50 Resp: 1786
Ion Ratio Lower Upper
50 100
52 30.0 24.1 44.7





#5
 Vinyl chloride
 Concen: 0.175 ug/L
 RT: 1.604 min Scan# 160
 Delta R.T. 0.003 min
 Lab File: VU053071.D
 Acq: 13 Feb 2023 11:24

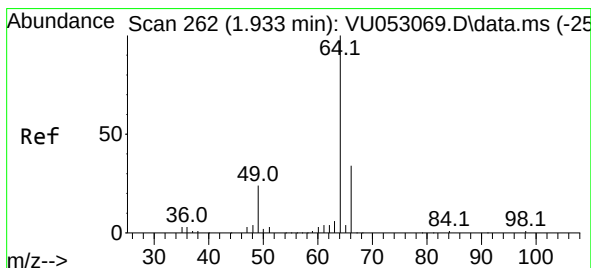
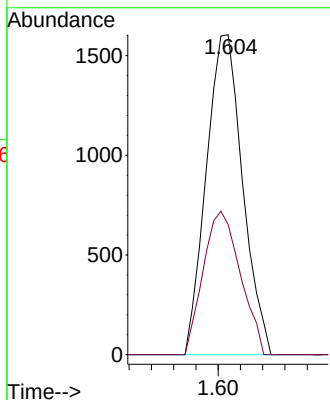
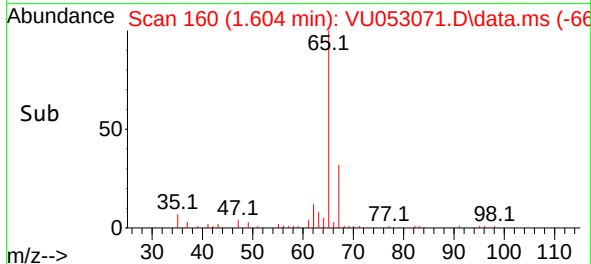
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT1-2023-02



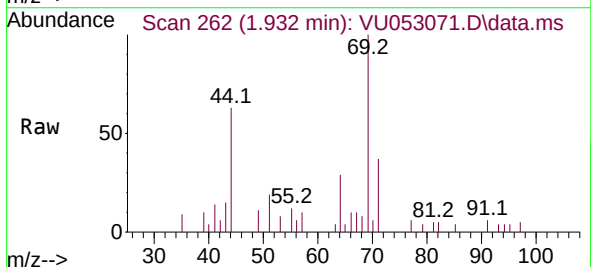
Tgt Ion: 62 Resp: 1810
 Ion Ratio Lower Upper
 62 100
 64 40.7 22.5 41.9

Manual Integrations
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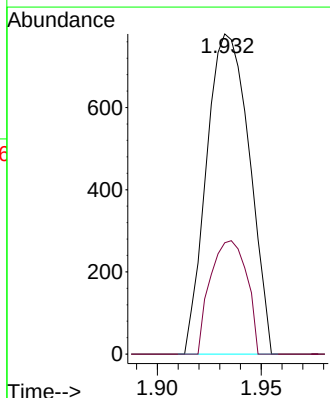
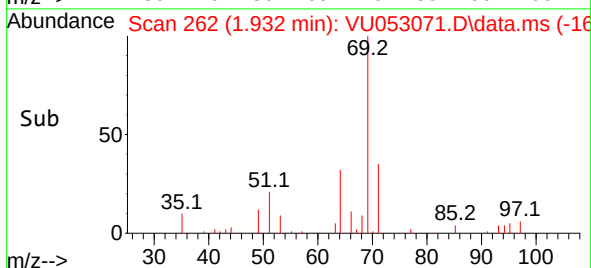
Reviewed By :Krupa Patel 02/15/2023
 Supervised By :Mahesh Dadoda 02/15/2023

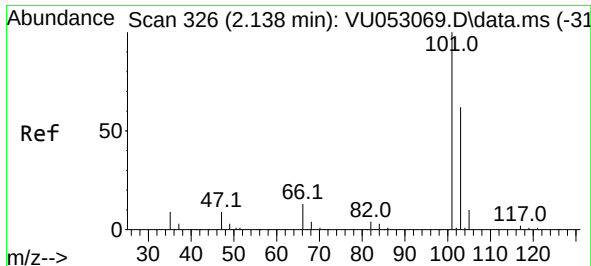


#8
 Chloroethane
 Concen: 0.183 ug/L
 RT: 1.932 min Scan# 262
 Delta R.T. -0.000 min
 Lab File: VU053071.D
 Acq: 13 Feb 2023 11:24



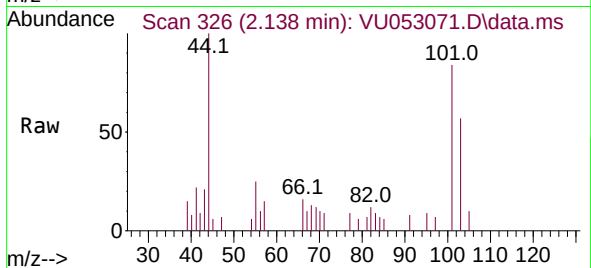
Tgt Ion: 64 Resp: 1116
 Ion Ratio Lower Upper
 64 100
 66 34.8 23.9 44.3





#9
Trichlorofluoromethane
Concen: 0.153 ug/L
RT: 2.138 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU053071.D
Acq: 13 Feb 2023 11:24

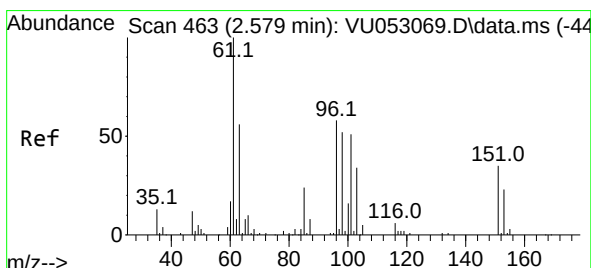
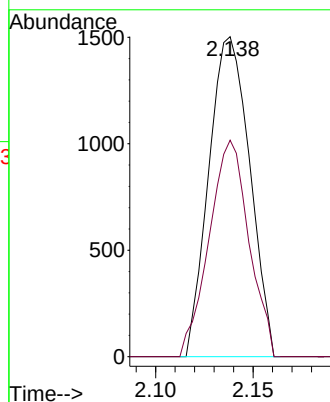
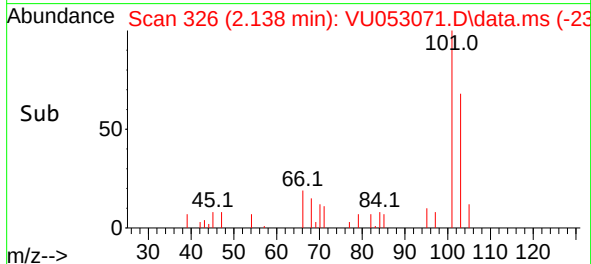
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT1-2023-02



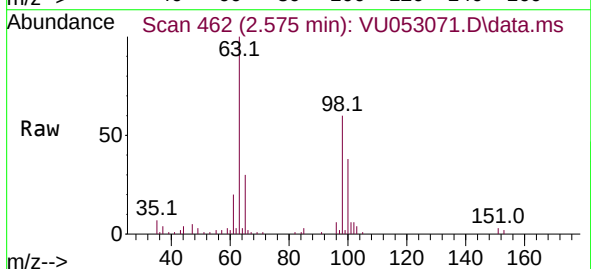
Tgt Ion:101 Resp: 2189
Ion Ratio Lower Upper
101 100
103 65.8 52.6 78.8

Manual Integrations
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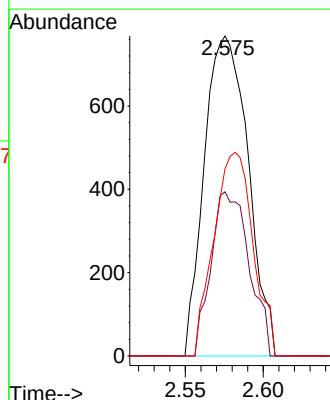
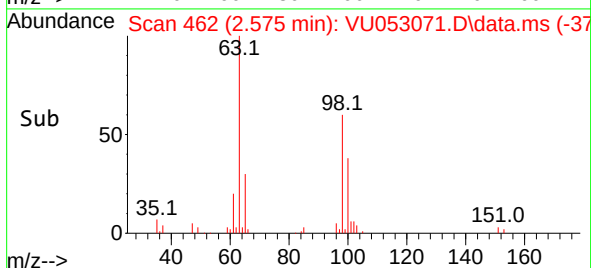
Reviewed By :Krupa Patel 02/15/2023
Supervised By :Mahesh Dadoda 02/15/2023

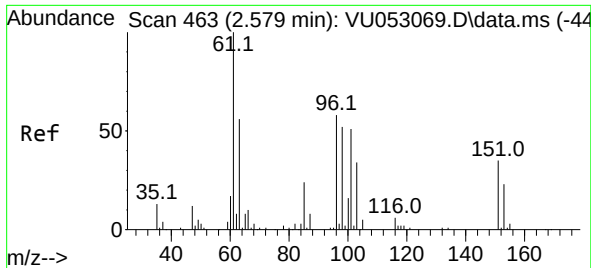


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.191 ug/L
RT: 2.575 min Scan# 462
Delta R.T. -0.003 min
Lab File: VU053071.D
Acq: 13 Feb 2023 11:24



Tgt Ion:101 Resp: 1499
Ion Ratio Lower Upper
101 100
85 44.8 36.8 55.2
151 57.2 53.8 80.8





#12

1,1-Dichloroethene

Concen: 0.226 ug/L

RT: 2.575 min Scan# 4

Delta R.T. -0.003 min

Lab File: VU053071.D

Acq: 13 Feb 2023 11:24

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2023-02

Tgt Ion: 96 Resp: 164

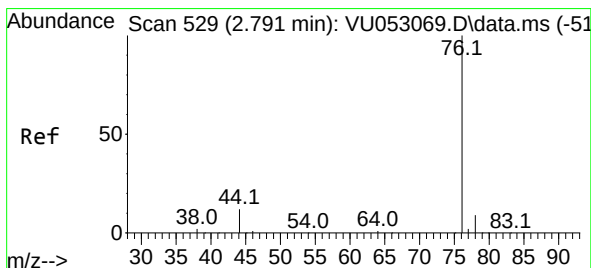
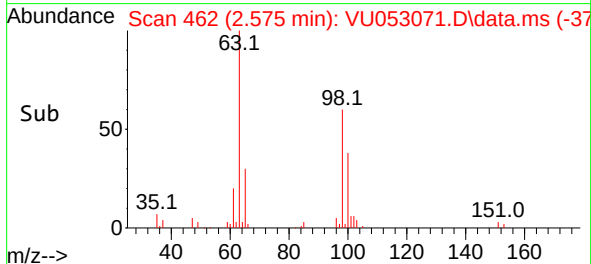
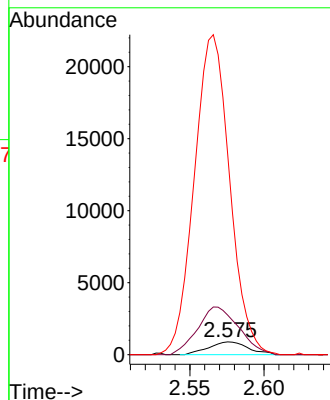
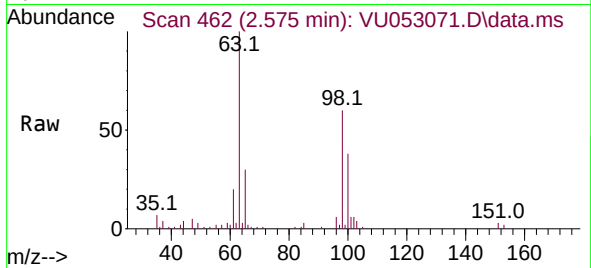
Ion	Ratio	Lower	Upper
96	100		
61	310.5	115.1	213.7
63	1570.1	63.6	118.0

Manual Integrations

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Reviewed By :Krupa Patel 02/15/2023

Supervised By :Mahesh Dadoda 02/15/2023



#14

Carbon disulfide

Concen: 0.181 ug/L

RT: 2.794 min Scan# 530

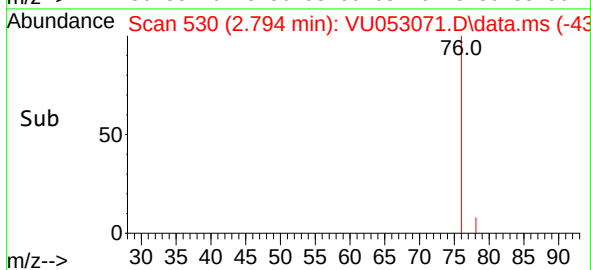
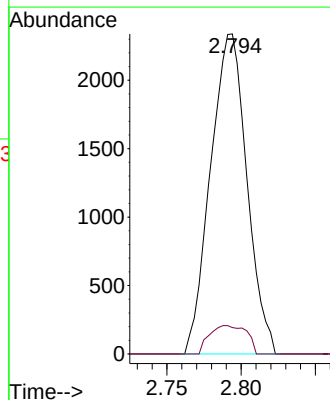
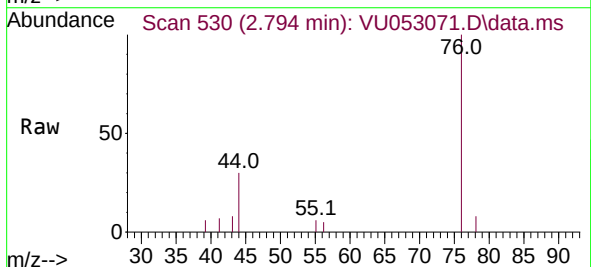
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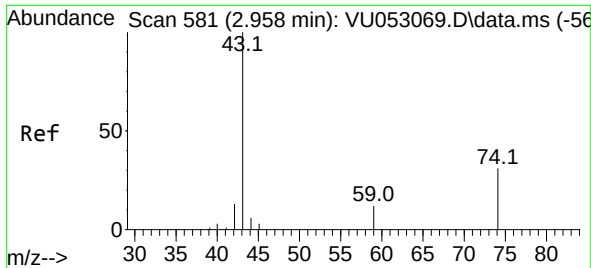
Lab File: VU053071.D

Acq: 13 Feb 2023 11:24

Tgt Ion: 76 Resp: 3983

Ion	Ratio	Lower	Upper
76	100		
78	8.3	7.5	11.3





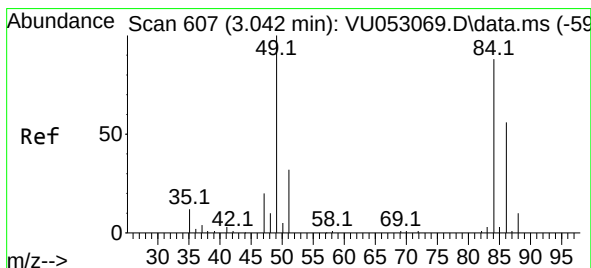
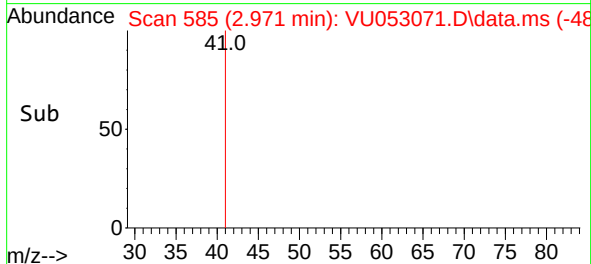
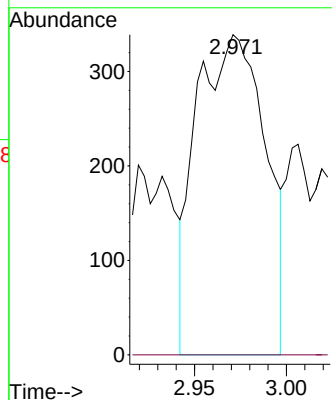
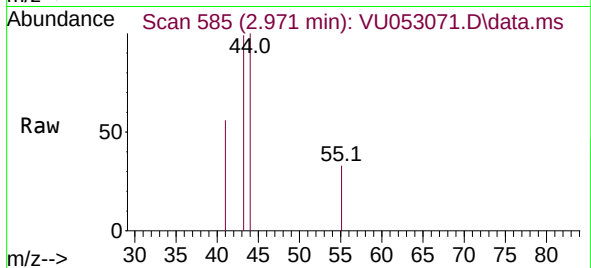
#15
Methyl Acetate
Concen: 0.278 ug/L m
RT: 2.971 min Scan# 585
Delta R.T. 0.013 min
Lab File: VU053071.D
Acq: 13 Feb 2023 11:24

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

Tgt Ion: 43 Resp: 879
Ion Ratio Lower Upper
43 100
74 0.0 14.3 21.5

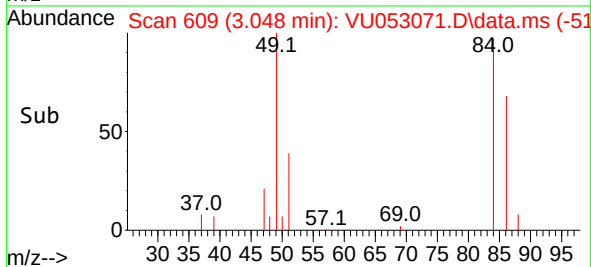
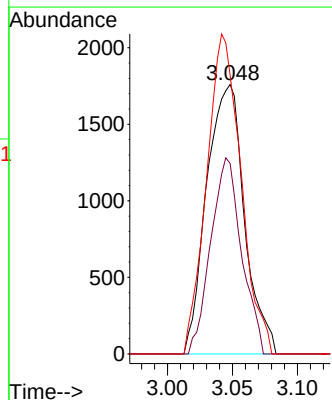
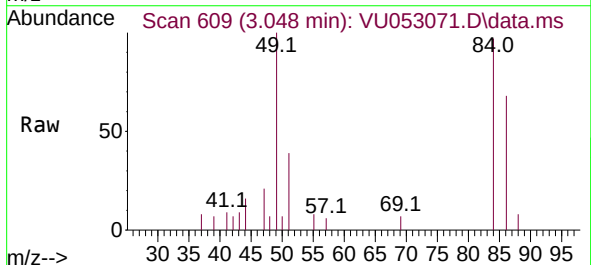
Manual Integrations
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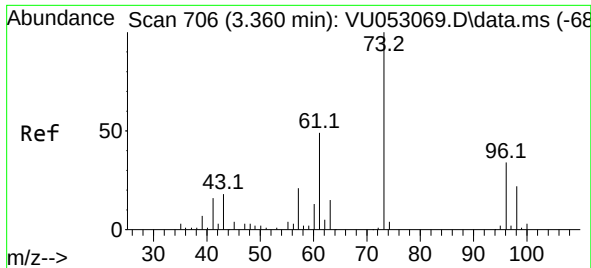
Reviewed By :Krupa Patel 02/15/2023
Supervised By :Mahesh Dadoda 02/15/2023



#16
Methylene chloride
Concen: 0.423 ug/L
RT: 3.048 min Scan# 609
Delta R.T. 0.006 min
Lab File: VU053071.D
Acq: 13 Feb 2023 11:24

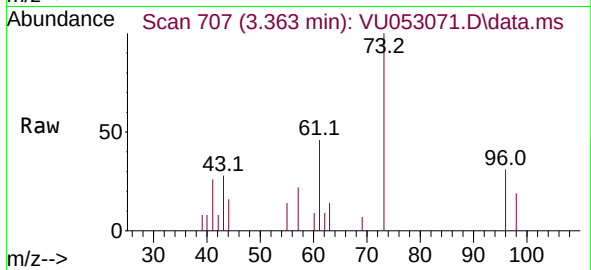
Tgt Ion: 84 Resp: 3559
Ion Ratio Lower Upper
84 100
86 70.7 44.9 83.3
49 103.5 82.6 153.4





#17
Methyl tert-butyl Ether
Concen: 0.163 ug/L
RT: 3.363 min Scan# 706
Delta R.T. 0.003 min
Lab File: VU053071.D
Acq: 13 Feb 2023 11:24

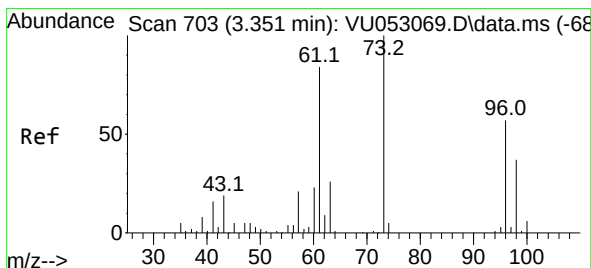
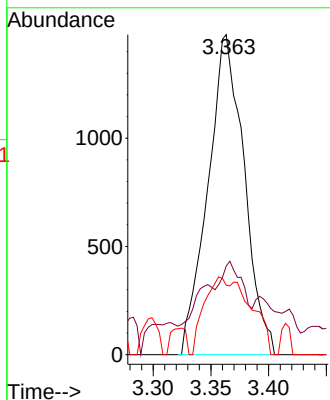
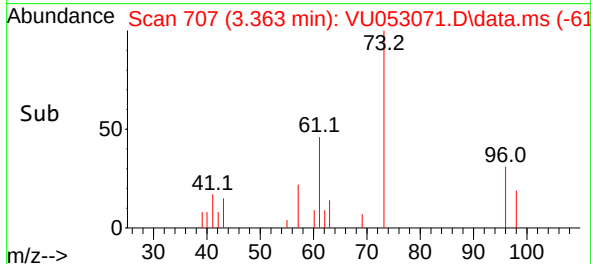
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2023-02



Tgt Ion: 73 Resp: 322
Ion Ratio Lower Upper
73 100
43 12.2 14.6 21.8
57 16.8 17.1 25.7

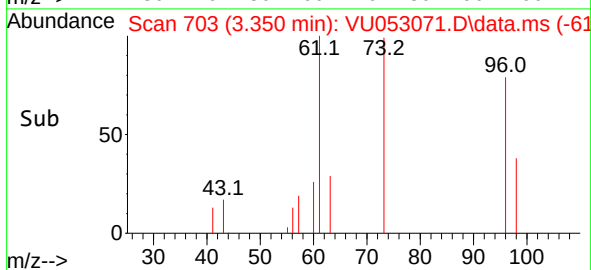
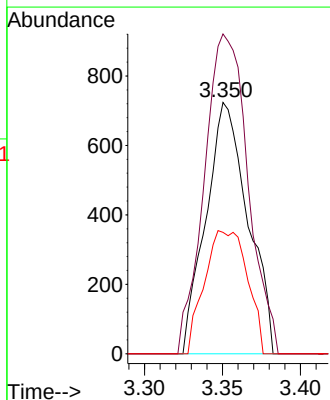
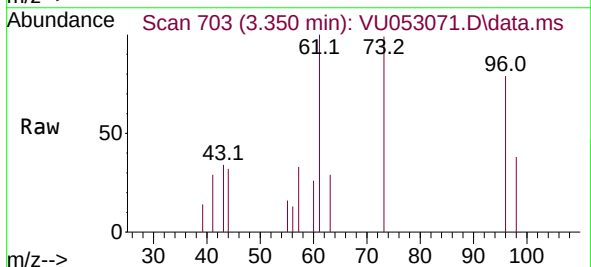
Manual Integrations
APPROVED

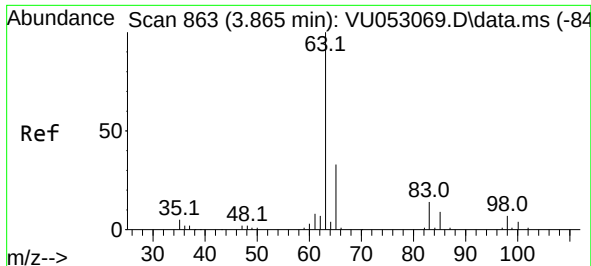
Reviewed By :Krupa Patel 02/15/2023
Supervised By :Mahesh Dadoda 02/15/2023



#18
trans-1,2-Dichloroethene
Concen: 0.176 ug/L
RT: 3.350 min Scan# 703
Delta R.T. -0.000 min
Lab File: VU053071.D
Acq: 13 Feb 2023 11:24

Tgt Ion: 96 Resp: 1356
Ion Ratio Lower Upper
96 100
61 127.2 99.5 184.9
98 48.3 44.8 83.2





#19

1,1-Dichloroethane

Concen: 0.151 ug/L

RT: 3.871 min Scan# 865

Delta R.T. 0.006 min

Lab File: VU053071.D

Acq: 13 Feb 2023 11:24

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2023-02

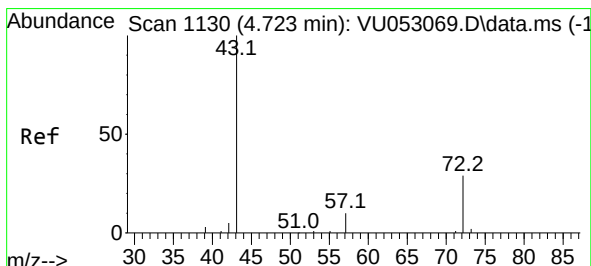
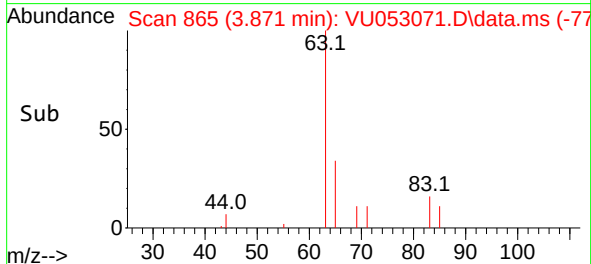
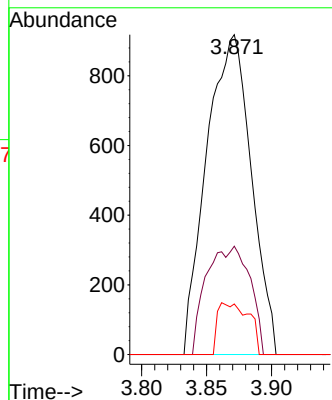
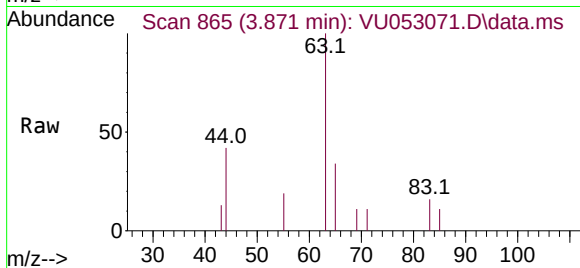
Tgt Ion: 63	Resp: 219
Ion Ratio	Lower Upper
63	100
65	33.9 22.3 41.3
83	15.8 9.8 18.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/15/2023

Supervised By :Mahesh Dadoda 02/15/2023



#21

2-Butanone

Concen: 2.280 ug/L m

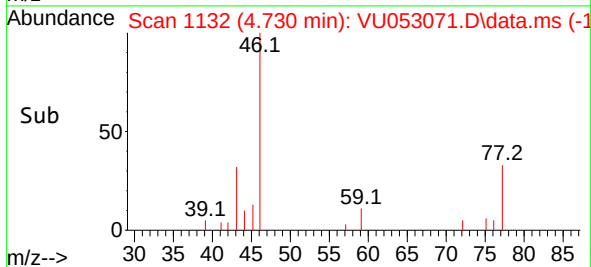
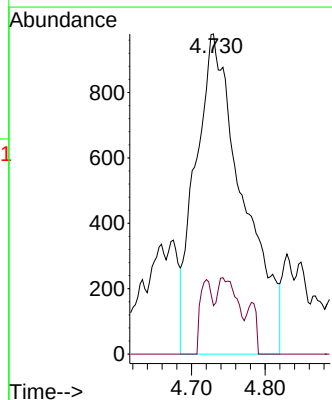
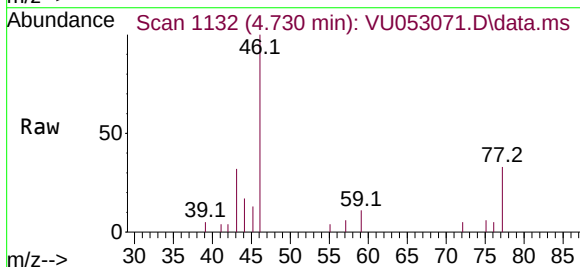
RT: 4.730 min Scan# 1132

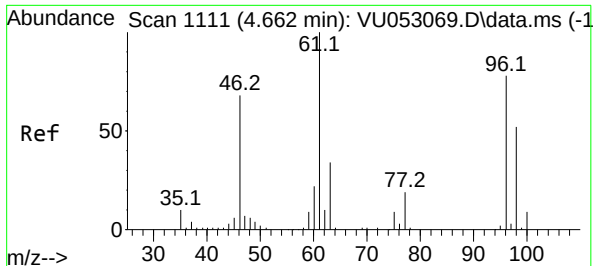
Delta R.T. 0.006 min

Lab File: VU053071.D

Acq: 13 Feb 2023 11:24

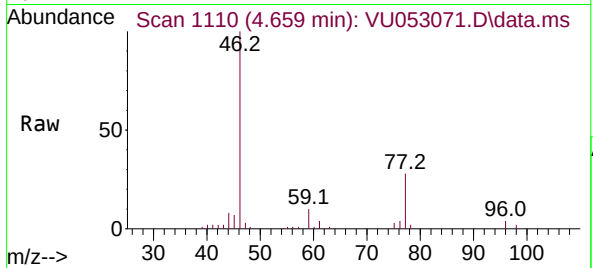
Tgt Ion: 43	Resp: 4360
Ion Ratio	Lower Upper
43	100
72	5.9 14.5 43.5#





#22
cis-1,2-Dichloroethene
Concen: 0.190 ug/L
RT: 4.659 min Scan# 1111
Delta R.T. -0.003 min
Lab File: VU053071.D
Acq: 13 Feb 2023 11:24

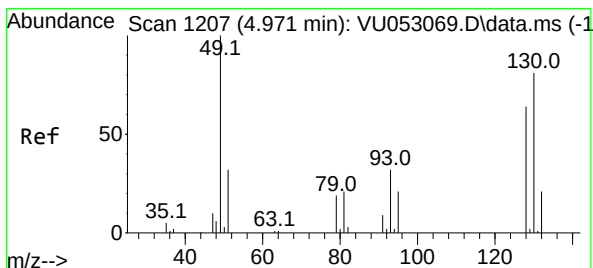
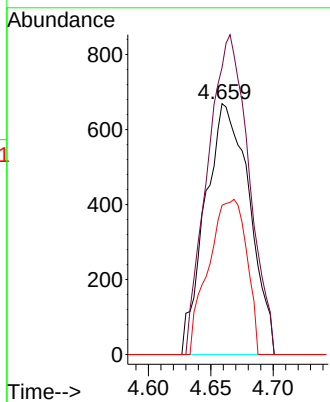
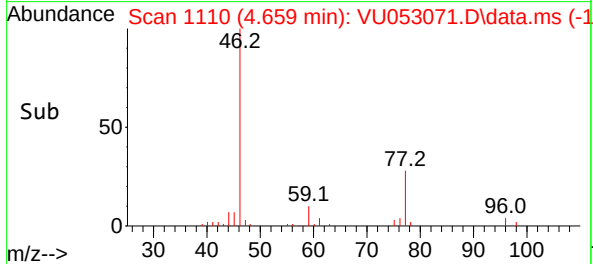
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2023-02



Tgt Ion: 96 Resp: 1640
Ion Ratio Lower Upper
96 100
61 114.3 90.9 168.9
98 59.5 47.0 87.4

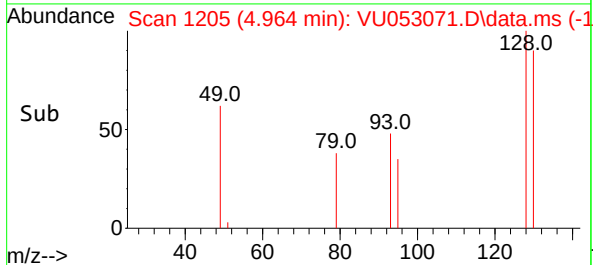
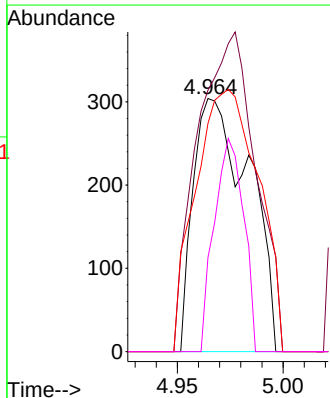
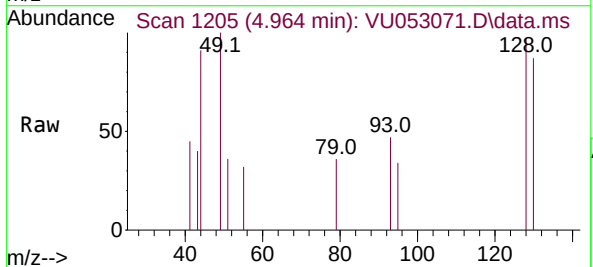
Manual Integrations
APPROVED

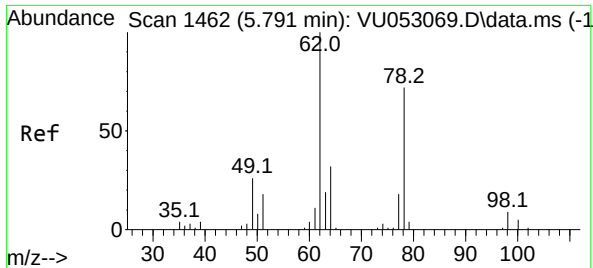
Reviewed By :Krupa Patel 02/15/2023
Supervised By :Mahesh Dadoda 02/15/2023



#23
Bromochloromethane
Concen: 0.163 ug/L m
RT: 4.964 min Scan# 1205
Delta R.T. -0.007 min
Lab File: VU053071.D
Acq: 13 Feb 2023 11:24

Tgt Ion:128 Resp: 559
Ion Ratio Lower Upper
128 100
49 103.3 114.2 212.0#
130 90.1 91.6 170.2#
51 37.2 39.9 59.9#





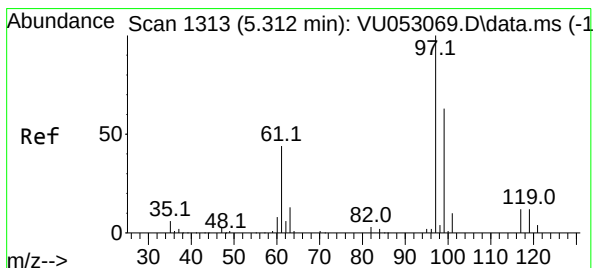
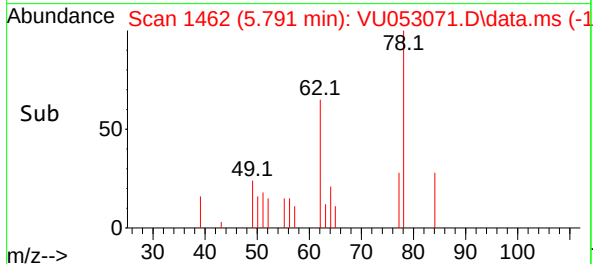
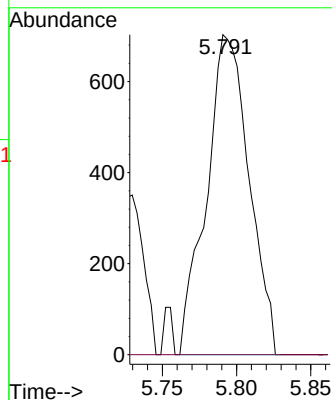
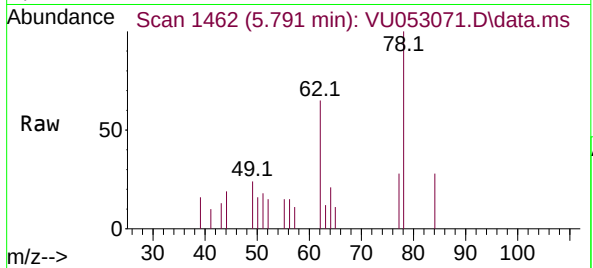
#27
1,2-Dichloroethane
Concen: 0.151 ug/L
RT: 5.791 min Scan# 1462
Delta R.T. -0.000 min
Lab File: VU053071.D
Acq: 13 Feb 2023 11:24

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

Tgt Ion: 62 Resp: 1402
Ion Ratio Lower Upper
62 100
98 0.0 7.1 10.7

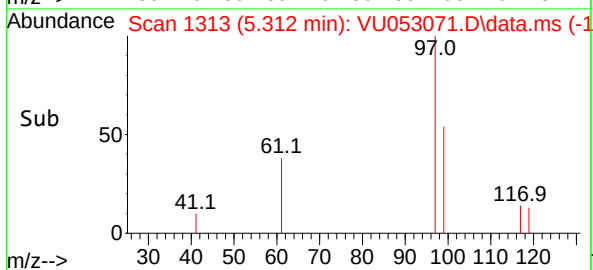
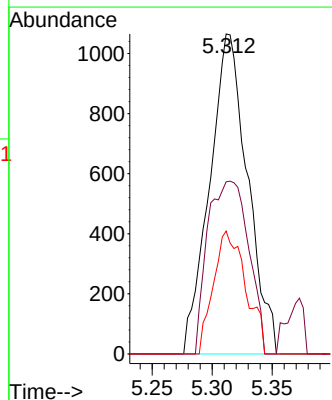
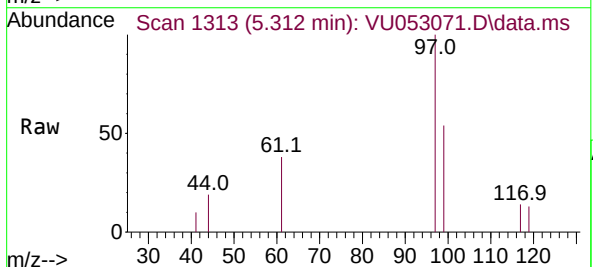
Manual Integrations
APPROVED

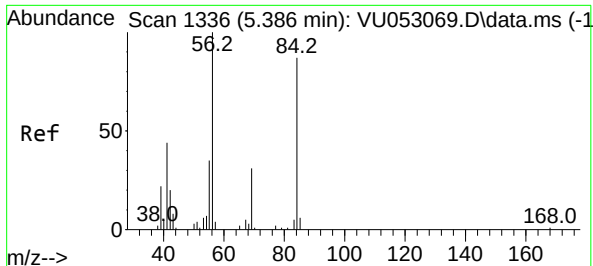
Reviewed By :Krupa Patel 02/15/2023
Supervised By :Mahesh Dadoda 02/15/2023



#29
1,1,1-Trichloroethane
Concen: 0.181 ug/L
RT: 5.312 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VU053071.D
Acq: 13 Feb 2023 11:24

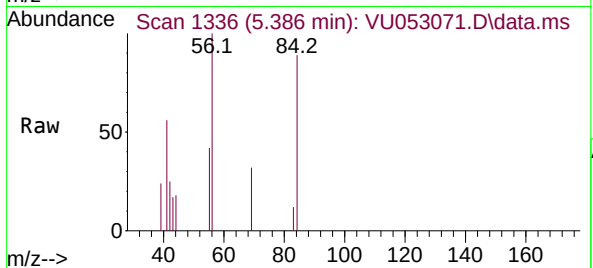
Tgt Ion: 97 Resp: 2345
Ion Ratio Lower Upper
97 100
99 58.2 51.0 76.6
61 32.7 34.2 51.4





#30
Cyclohexane
Concen: 0.190 ug/L
RT: 5.386 min Scan# 1336
Delta R.T. -0.000 min
Lab File: VU053071.D
Acq: 13 Feb 2023 11:24

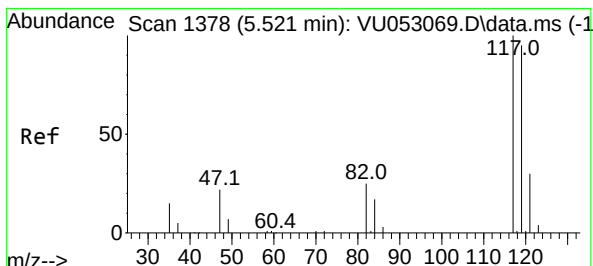
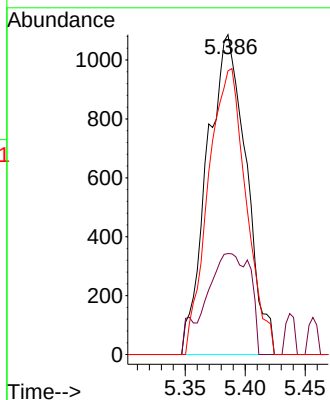
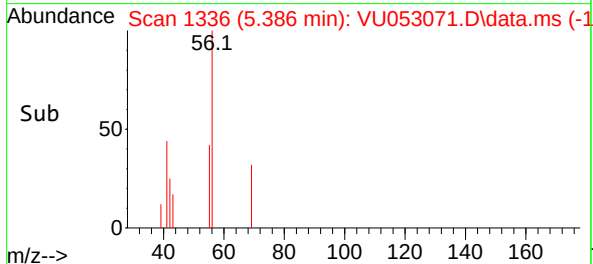
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT1-2023-02



Tgt Ion: 56 Resp: 246
Ion Ratio Lower Upper
56 100
69 32.5 27.0 40.6
84 86.6 70.8 106.2

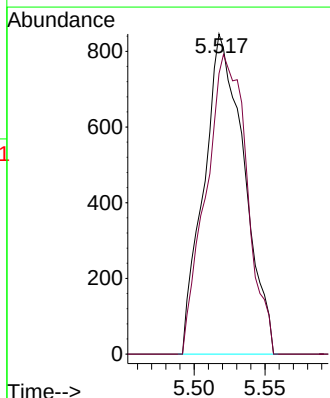
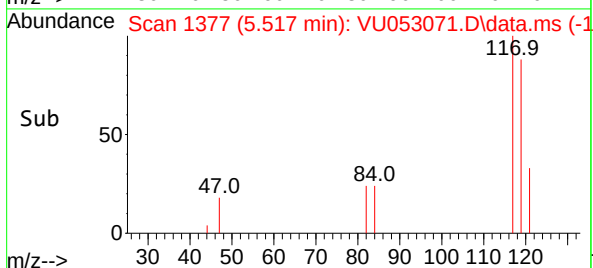
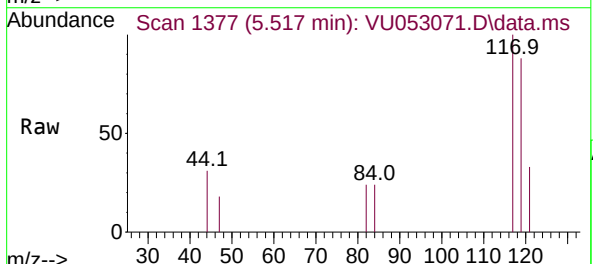
Manual Integrations
APPROVED

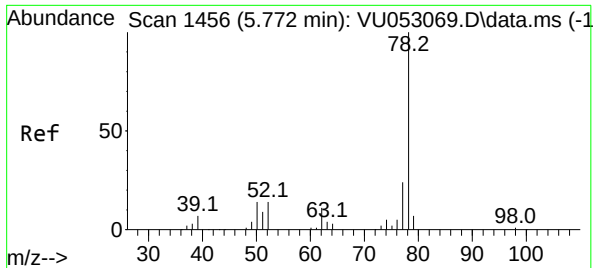
Reviewed By :Krupa Patel 02/15/2023
Supervised By :Mahesh Dadoda 02/15/2023



#31
Carbon tetrachloride
Concen: 0.155 ug/L
RT: 5.517 min Scan# 1377
Delta R.T. -0.003 min
Lab File: VU053071.D
Acq: 13 Feb 2023 11:24

Tgt Ion:117 Resp: 1671
Ion Ratio Lower Upper
117 100
119 95.5 75.4 113.0





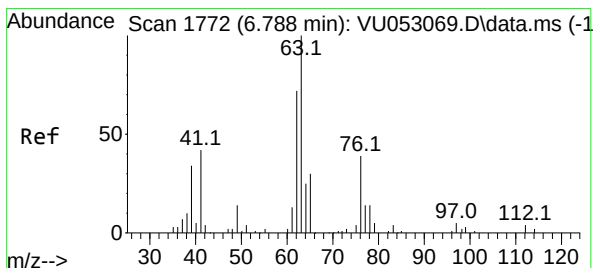
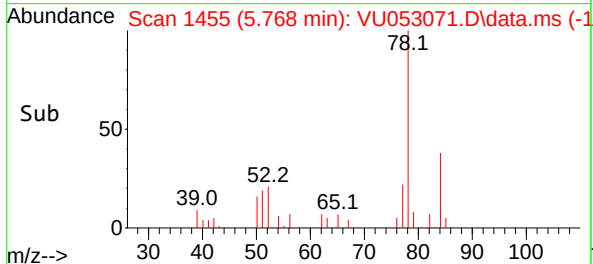
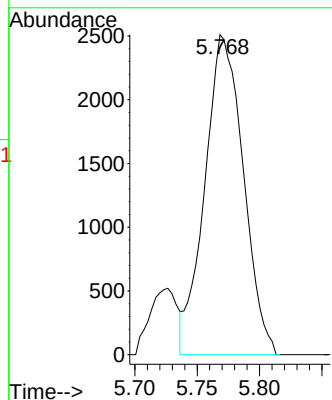
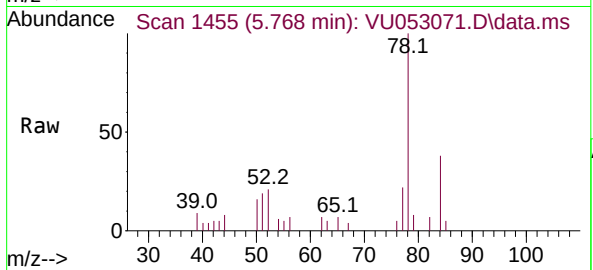
#33
Benzene
Concen: 0.173 ug/L
RT: 5.768 min Scan# 1456
Delta R.T. -0.003 min
Lab File: VU053071.D
Acq: 13 Feb 2023 11:24

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

Tgt Ion: 78 Resp: 539

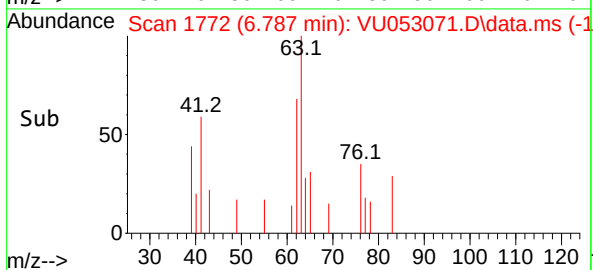
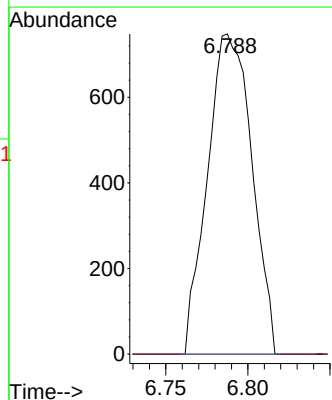
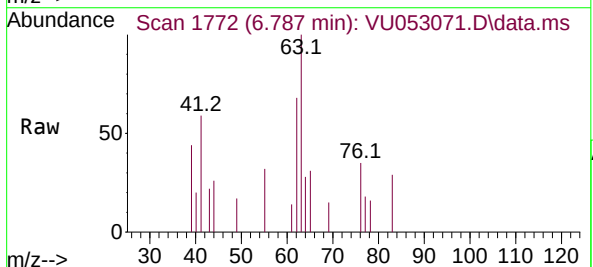
Manual Integrations
APPROVED

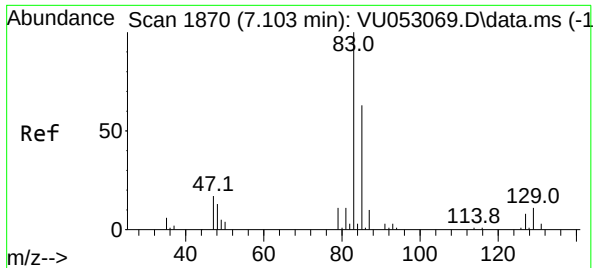
Reviewed By :Krupa Patel 02/15/2023
Supervised By :Mahesh Dadoda 02/15/2023



#37
1,2-Dichloropropane
Concen: 0.165 ug/L
RT: 6.787 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VU053071.D
Acq: 13 Feb 2023 11:24

Tgt Ion: 63 Resp: 1408
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#





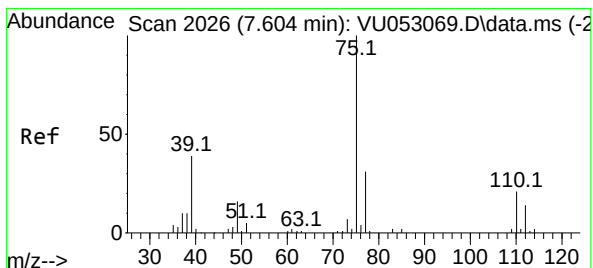
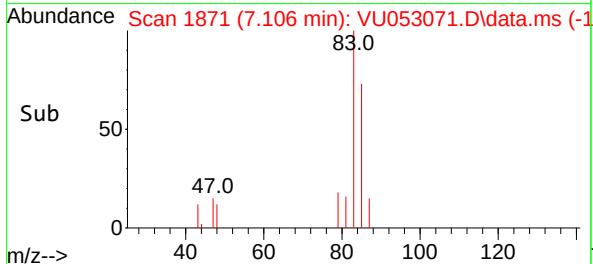
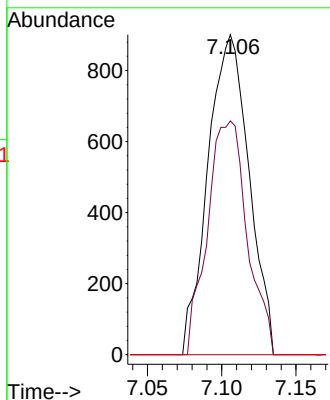
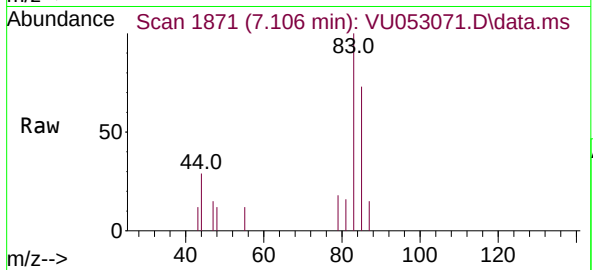
#38
Bromodichloromethane
Concen: 0.157 ug/L
RT: 7.106 min Scan# 1870
Delta R.T. 0.003 min
Lab File: VU053071.D
Acq: 13 Feb 2023 11:24

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

Tgt Ion: 83 Resp: 1734
Ion Ratio Lower Upper
83 100
85 73.0 44.7 82.9
127 0.0 6.3 9.5

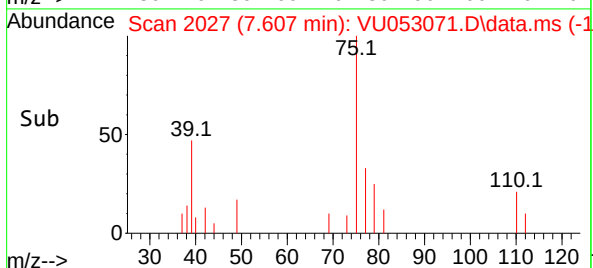
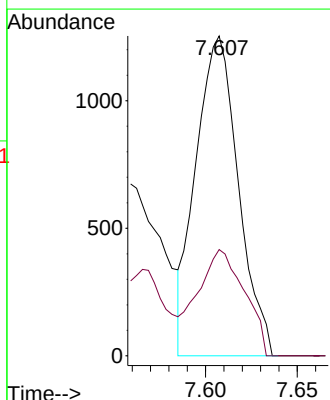
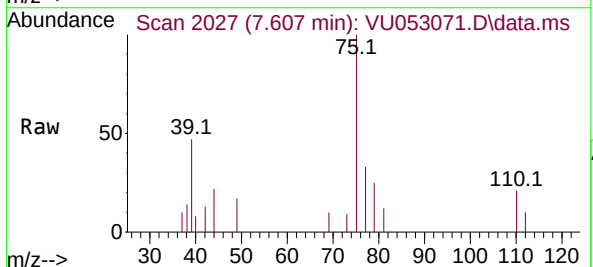
Manual Integrations
APPROVED

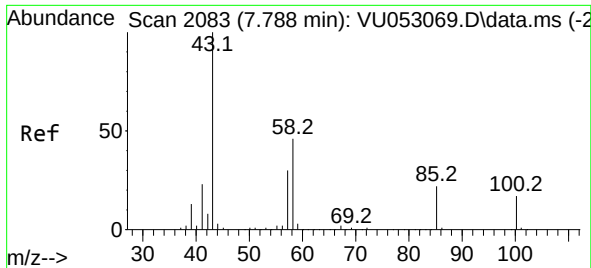
Reviewed By :Krupa Patel 02/15/2023
Supervised By :Mahesh Dadoda 02/15/2023



#39
cis-1,3-Dichloropropene
Concen: 0.149 ug/L
RT: 7.607 min Scan# 2027
Delta R.T. 0.003 min
Lab File: VU053071.D
Acq: 13 Feb 2023 11:24

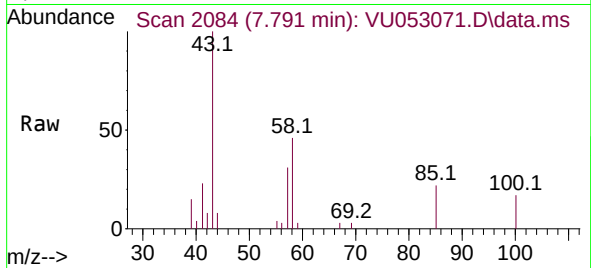
Tgt Ion: 75 Resp: 2018
Ion Ratio Lower Upper
75 100
77 33.3 21.6 40.0





#40
4-Methyl-2-pentanone
Concen: 1.911 ug/L m
RT: 7.791 min Scan# 2083
Delta R.T. 0.003 min
Lab File: VU053071.D
Acq: 13 Feb 2023 11:24

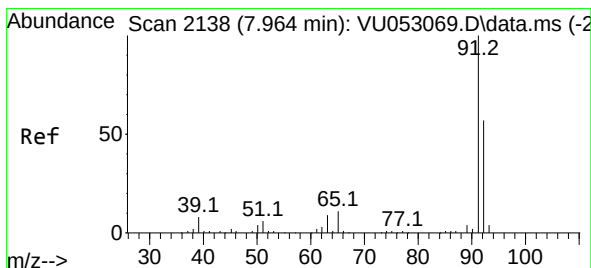
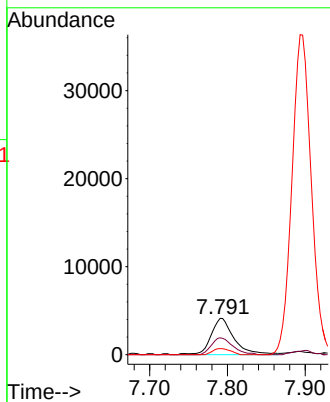
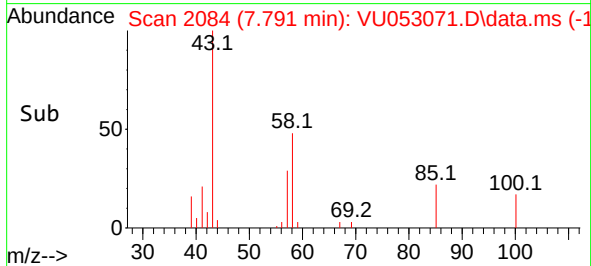
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT1-2023-02



Tgt Ion: 43 Resp: 848
Ion Ratio Lower Upper
43 100
58 42.8 35.9 53.9
100 0.0 13.8 20.6

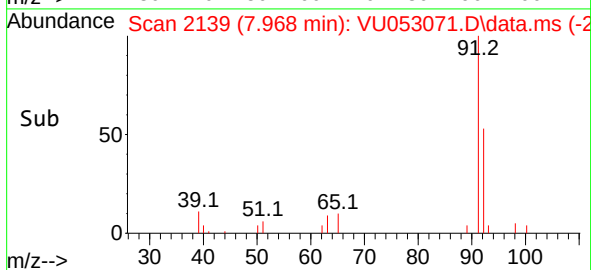
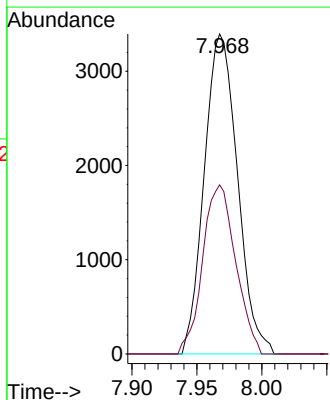
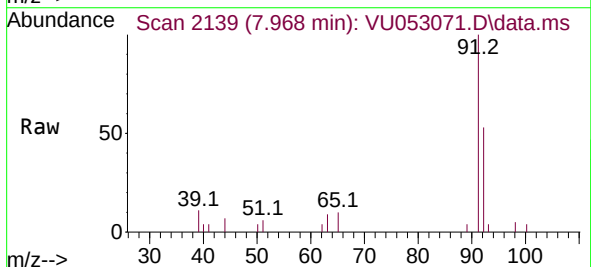
Manual Integrations
APPROVED

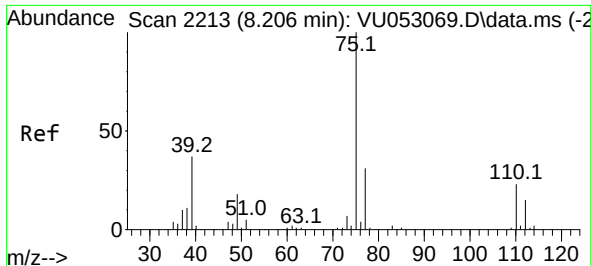
Reviewed By :Krupa Patel 02/15/2023
Supervised By :Mahesh Dadoda 02/15/2023



#42
Toluene
Concen: 0.178 ug/L
RT: 7.968 min Scan# 2139
Delta R.T. 0.003 min
Lab File: VU053071.D
Acq: 13 Feb 2023 11:24

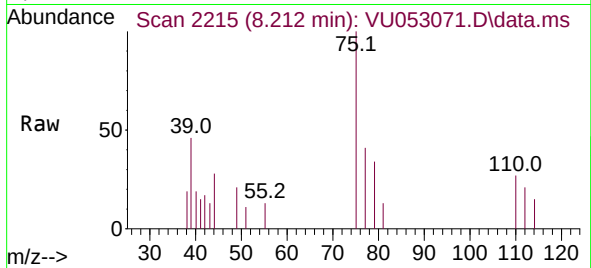
Tgt Ion: 91 Resp: 6030
Ion Ratio Lower Upper
91 100
92 52.8 40.5 75.3





#44
trans-1,3-Dichloropropene
Concen: 0.168 ug/L
RT: 8.212 min Scan# 2188
Delta R.T. 0.006 min
Lab File: VU053071.D
Acq: 13 Feb 2023 11:24

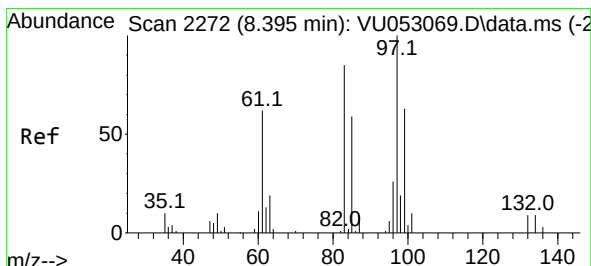
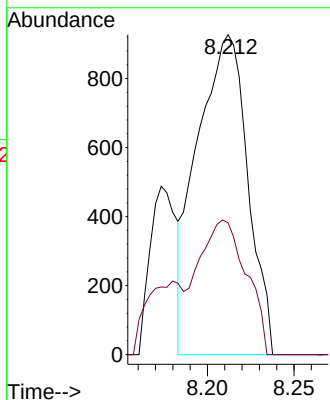
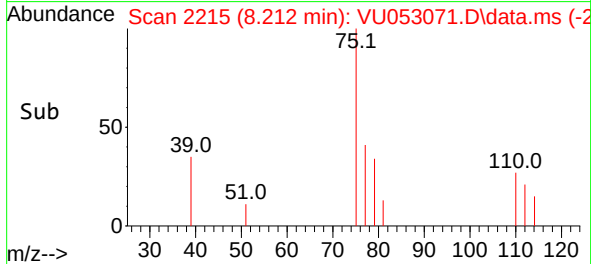
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2023-02



Tgt Ion: 75 Resp: 188
Ion Ratio Lower Upper
75 100
77 41.2 22.3 41.3

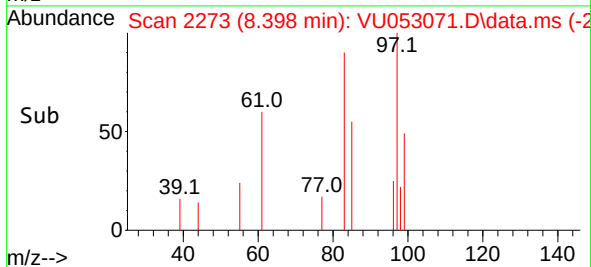
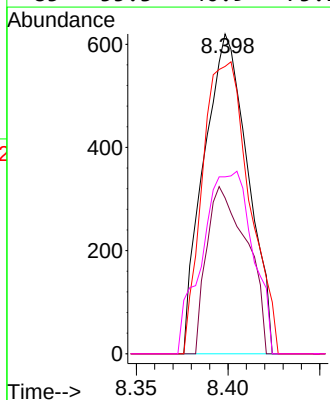
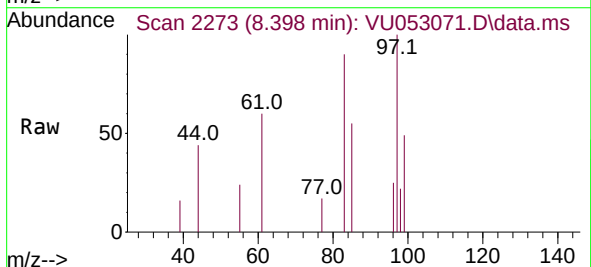
Manual Integrations
APPROVED

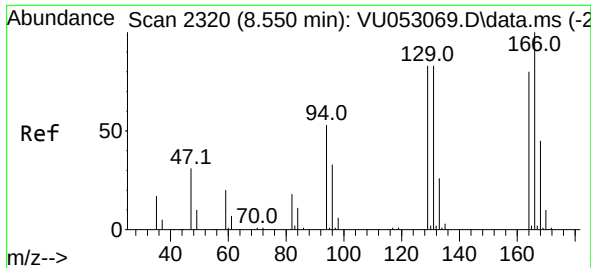
Reviewed By :Krupa Patel 02/15/2023
Supervised By :Mahesh Dadoda 02/15/2023



#45
1,1,2-Trichloroethane
Concen: 0.169 ug/L
RT: 8.398 min Scan# 2273
Delta R.T. 0.003 min
Lab File: VU053071.D
Acq: 13 Feb 2023 11:24

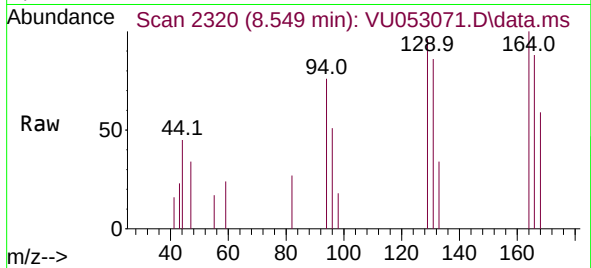
Tgt Ion: 97 Resp: 1035
Ion Ratio Lower Upper
97 100
99 48.7 43.0 79.8
83 89.8 58.0 107.8
85 55.3 40.9 75.9





#47
Tetrachloroethene
Concen: 0.168 ug/L
RT: 8.549 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053071.D
Acq: 13 Feb 2023 11:24

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

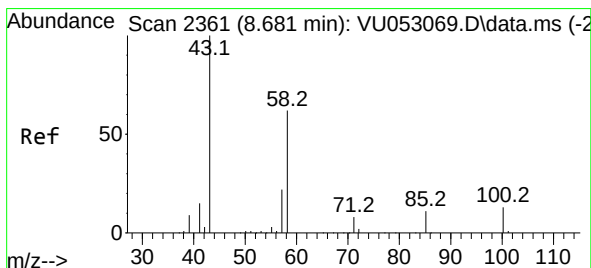
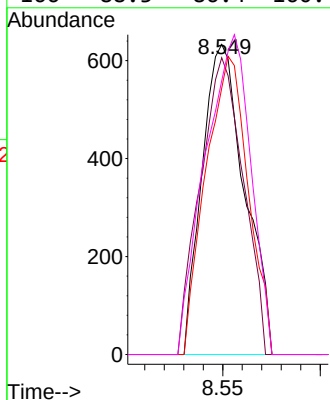
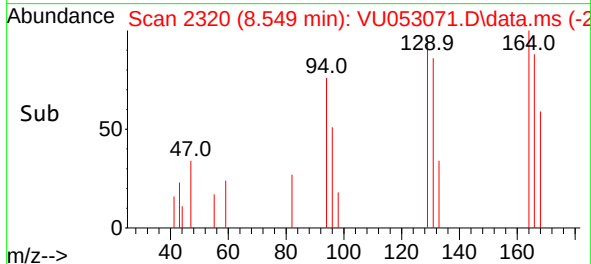


Tgt Ion:164 Resp: 96

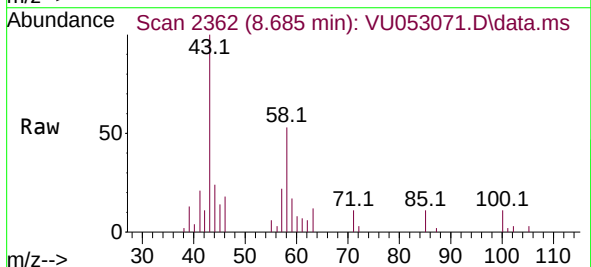
Ion	Ratio	Lower	Upper
164	100		
129	95.7	71.7	133.1
131	85.9	67.8	126.0
166	88.3	86.4	160.4

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 02/15/2023
Supervised By :Mahesh Dadoda 02/15/2023

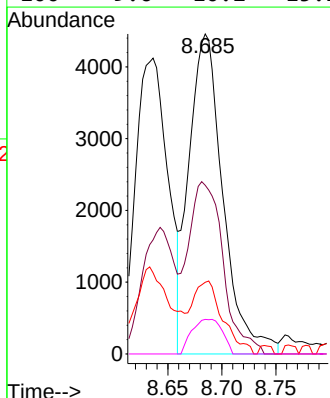
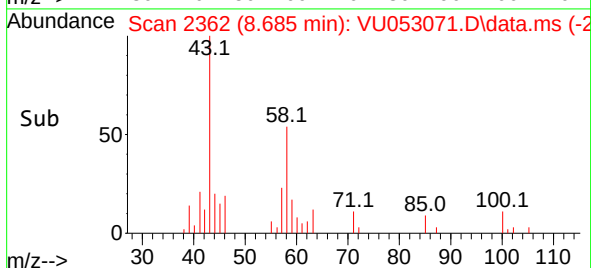


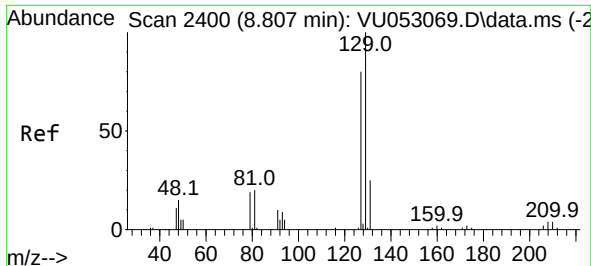
#48
2-Hexanone
Concen: 2.997 ug/L m
RT: 8.685 min Scan# 2362
Delta R.T. 0.003 min
Lab File: VU053071.D
Acq: 13 Feb 2023 11:24



Tgt Ion: 43 Resp: 9770

Ion	Ratio	Lower	Upper
43	100		
58	53.8	50.3	75.5
57	20.7	17.4	26.0
100	9.6	10.2	15.2





#49

Dibromochloromethane

Concen: 0.176 ug/L

RT: 8.803 min Scan# 2400

Delta R.T. -0.003 min

Lab File: VU053071.D

Acq: 13 Feb 2023 11:24

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2023-02

Tgt Ion:129 Resp: 117

Ion Ratio Lower Upper

129 100

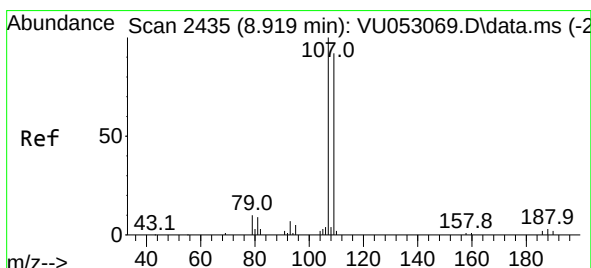
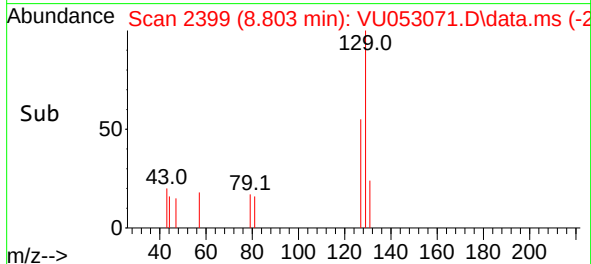
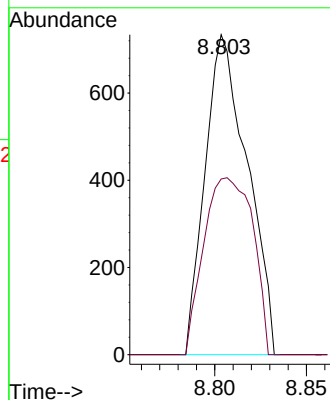
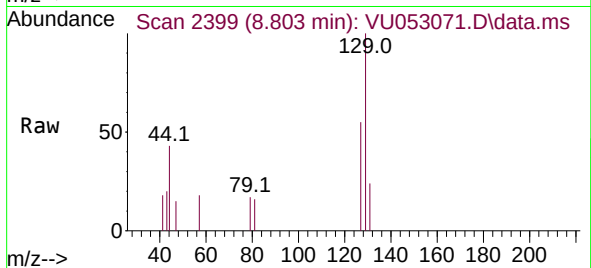
127 54.9 54.9 102.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/15/2023

Supervised By :Mahesh Dadoda 02/15/2023



#50

1,2-Dibromoethane

Concen: 0.167 ug/L

RT: 8.922 min Scan# 2436

Delta R.T. 0.003 min

Lab File: VU053071.D

Acq: 13 Feb 2023 11:24

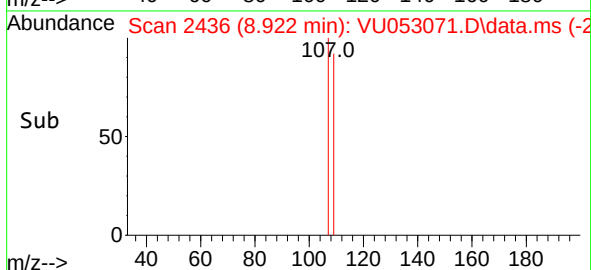
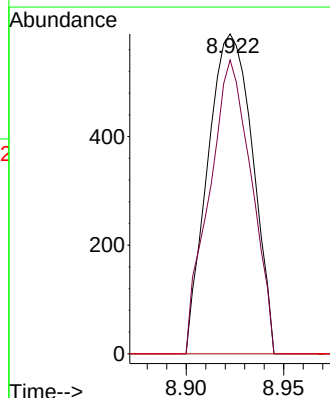
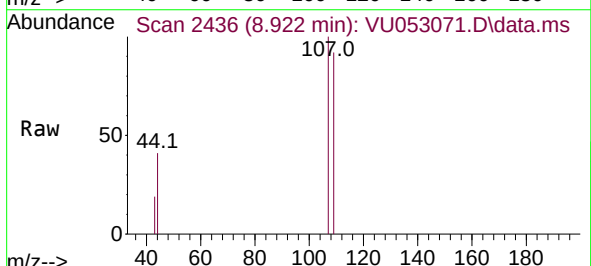
Tgt Ion:107 Resp: 945

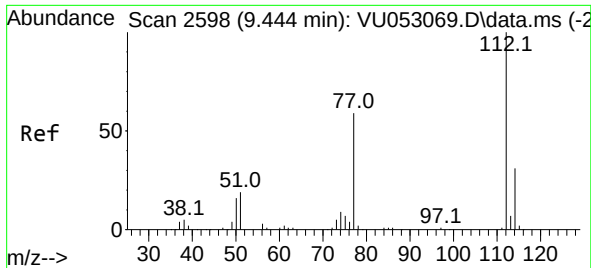
Ion Ratio Lower Upper

107 100

109 91.9 63.1 117.1

188 0.0 2.5 3.7





#51
Chlorobenzene
Concen: 0.171 ug/L
RT: 9.447 min Scan# 2598
Delta R.T. 0.003 min
Lab File: VU053071.D
Acq: 13 Feb 2023 11:24

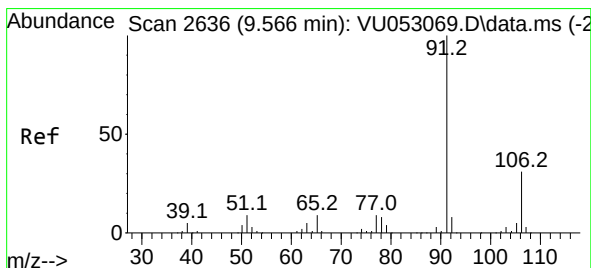
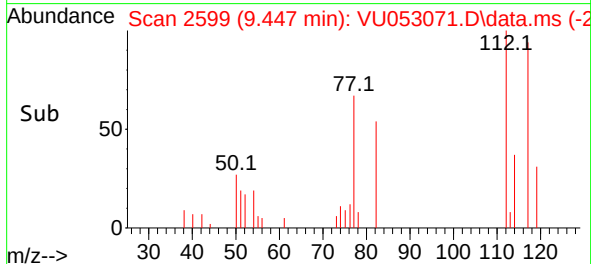
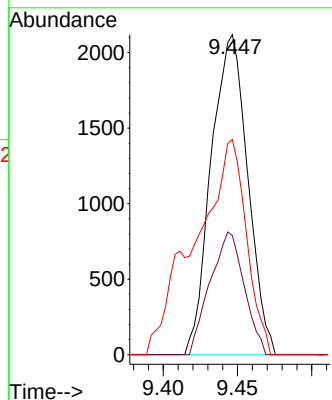
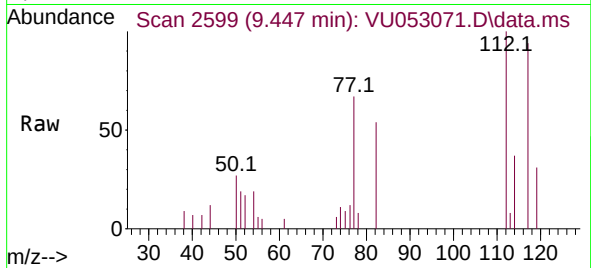
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT1-2023-02

Tgt Ion: 112 Resp: 362

Ion	Ratio	Lower	Upper
112	100		
114	37.2	22.3	41.3
77	67.2	48.9	73.3

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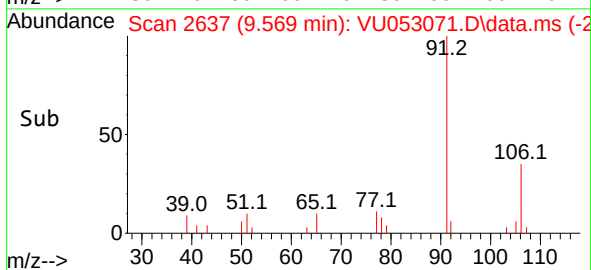
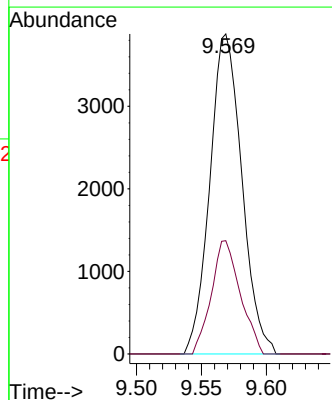
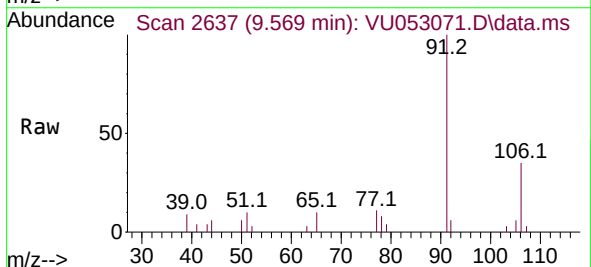
Reviewed By :Krupa Patel 02/15/2023
Supervised By :Mahesh Dadoda 02/15/2023

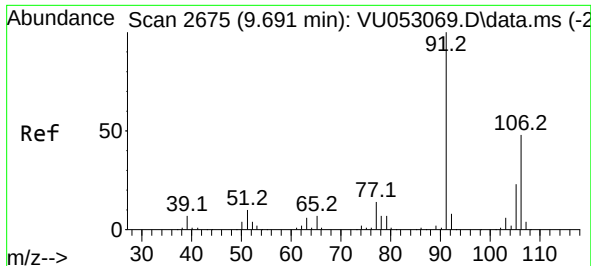


#52
Ethylbenzene
Concen: 0.172 ug/L
RT: 9.569 min Scan# 2637
Delta R.T. 0.003 min
Lab File: VU053071.D
Acq: 13 Feb 2023 11:24

Tgt Ion: 91 Resp: 6641

Ion	Ratio	Lower	Upper
91	100		
106	35.4	21.4	39.8





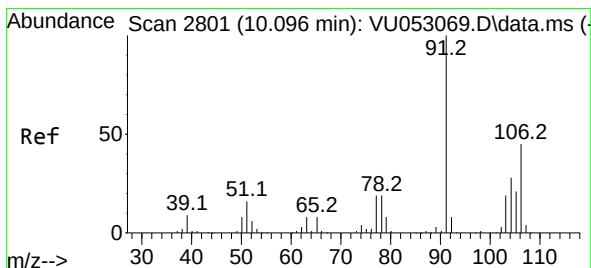
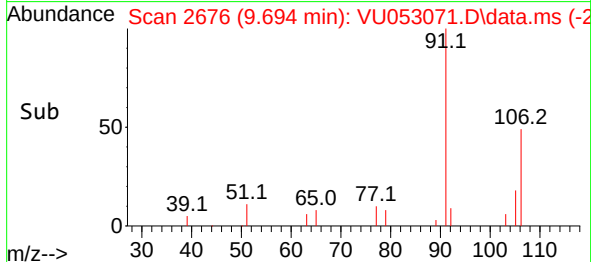
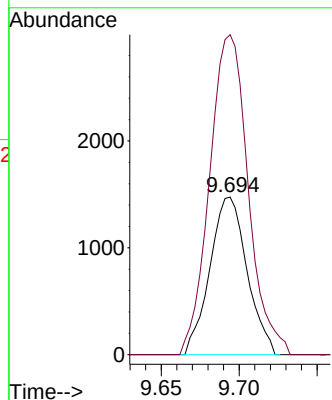
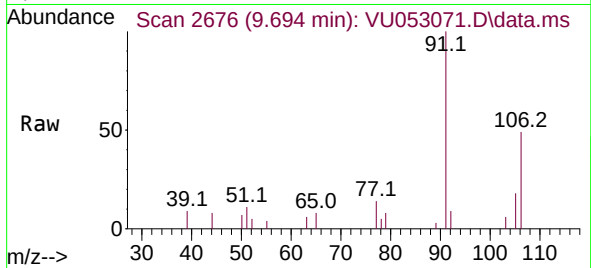
#53
m,p-Xylene
Concen: 0.170 ug/L
RT: 9.694 min Scan# 2675
Delta R.T. 0.003 min
Lab File: VU053071.D
Acq: 13 Feb 2023 11:24

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

Tgt Ion:106 Resp: 244
Ion Ratio Lower Upper
106 100
91 203.1 149.9 278.3

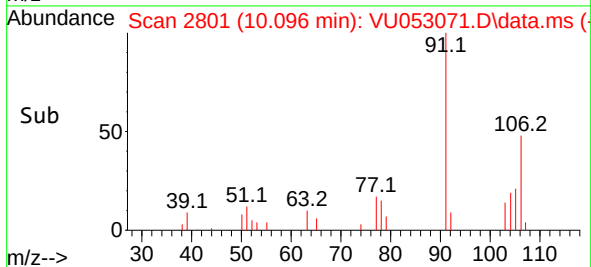
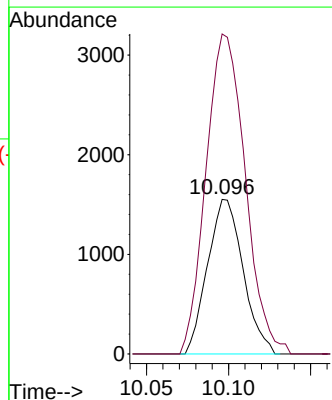
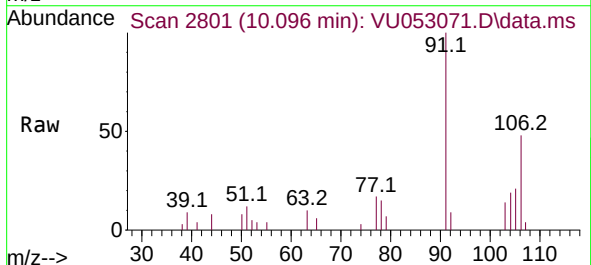
Manual Integrations
APPROVED

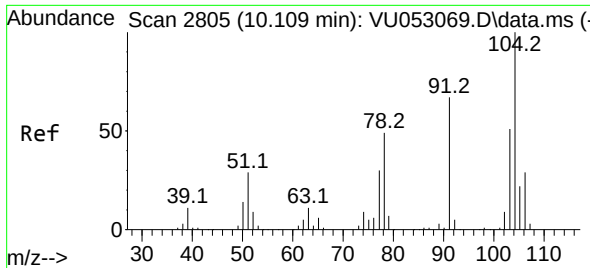
Reviewed By :Krupa Patel 02/15/2023
Supervised By :Mahesh Dadoda 02/15/2023



#54
o-Xylene
Concen: 0.167 ug/L
RT: 10.096 min Scan# 2801
Delta R.T. -0.000 min
Lab File: VU053071.D
Acq: 13 Feb 2023 11:24

Tgt Ion:106 Resp: 2334
Ion Ratio Lower Upper
106 100
91 207.0 153.6 285.2





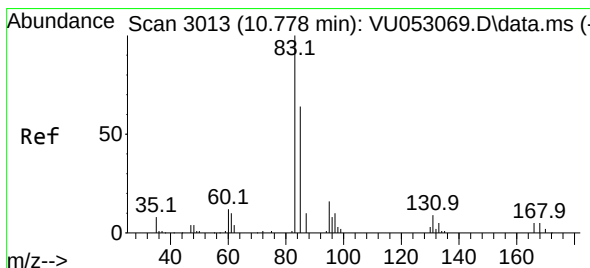
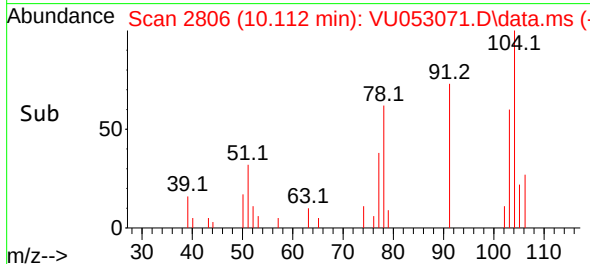
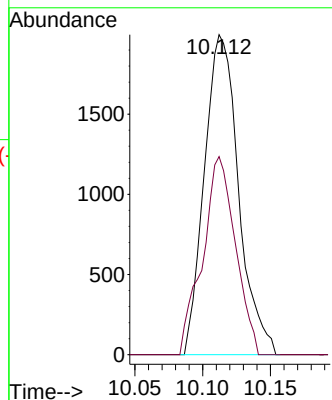
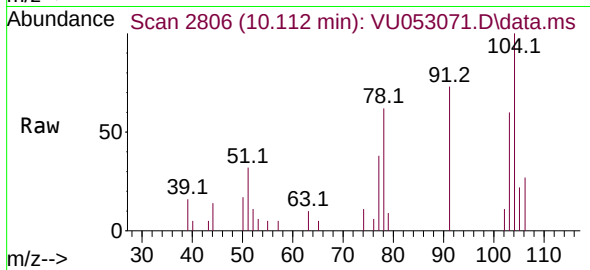
#55
Styrene
Concen: 0.155 ug/L
RT: 10.112 min Scan# 2806
Delta R.T. 0.003 min
Lab File: VU053071.D
Acq: 13 Feb 2023 11:24

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

Tgt Ion:104 Resp: 350
Ion Ratio Lower Upper
104 100
78 61.9 34.3 63.7

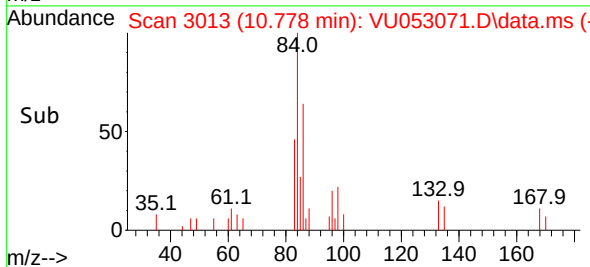
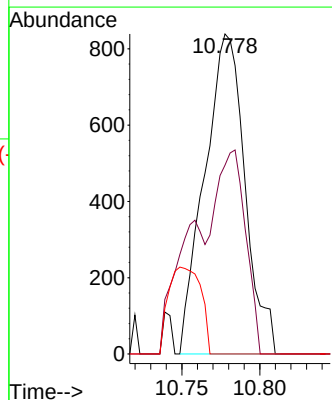
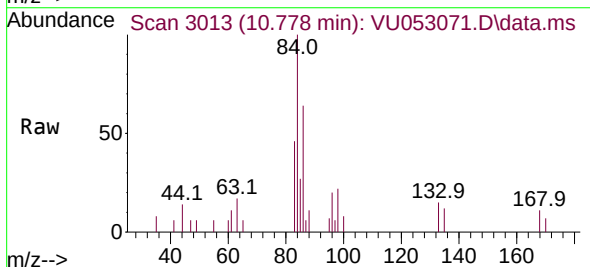
Manual Integrations
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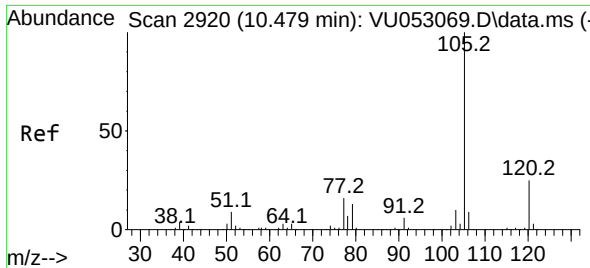
Reviewed By :Krupa Patel 02/15/2023
Supervised By :Mahesh Dadoda 02/15/2023



#57
1,1,2,2-Tetrachloroethane
Concen: 0.195 ug/L
RT: 10.778 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU053071.D
Acq: 13 Feb 2023 11:24

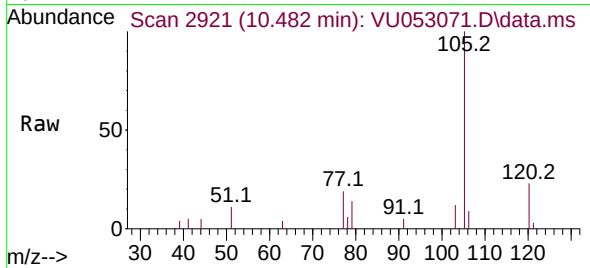
Tgt Ion: 83 Resp: 1513
Ion Ratio Lower Upper
83 100
85 59.0 44.7 82.9
131 0.0 7.8 11.6#





#60
Isopropylbenzene
Concen: 0.163 ug/L
RT: 10.482 min Scan# 2920
Delta R.T. 0.003 min
Lab File: VU053071.D
Acq: 13 Feb 2023 11:24

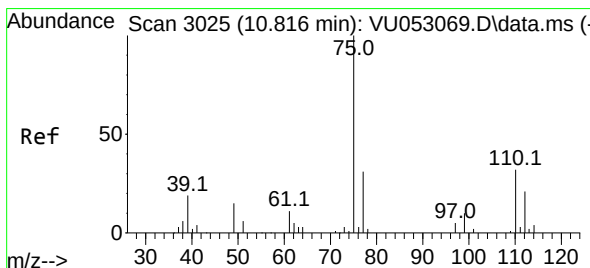
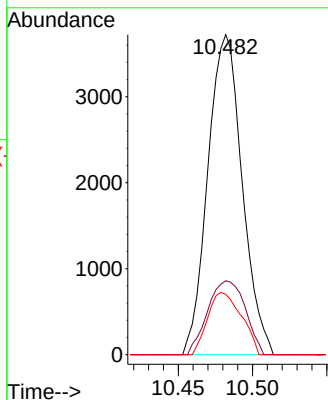
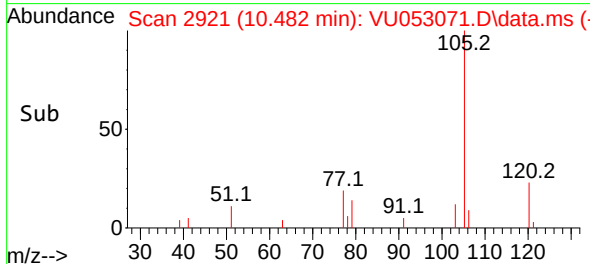
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2023-02



Tgt Ion:105 Resp: 5984
Ion Ratio Lower Upper
105 100
120 25.3 20.6 31.0
77 19.1 13.0 19.6

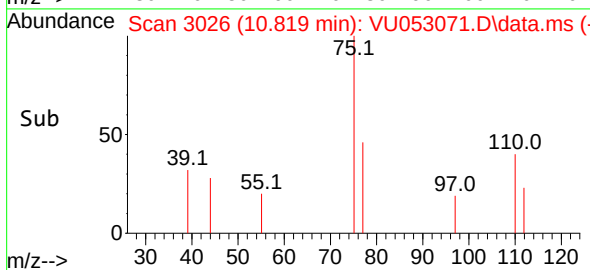
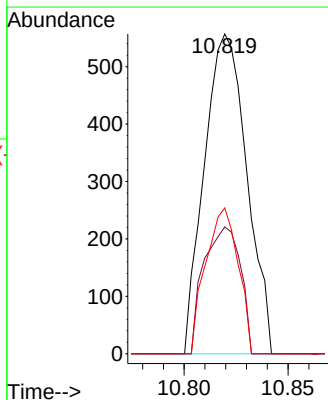
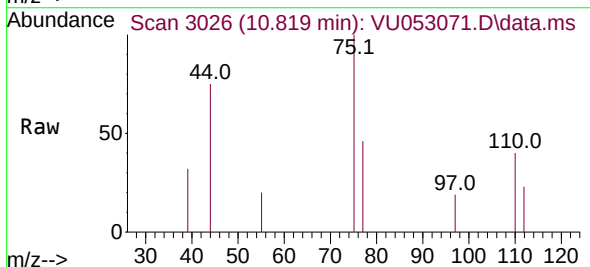
Manual Integrations
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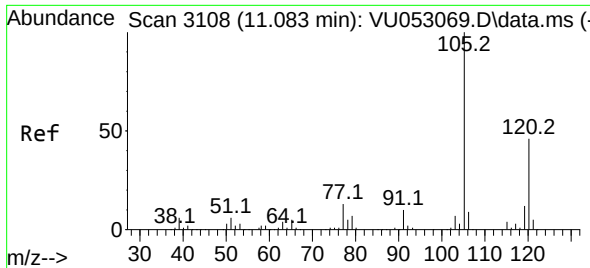
Reviewed By :Krupa Patel 02/15/2023
Supervised By :Mahesh Dadoda 02/15/2023



#61
1,2,3-Trichloropropane
Concen: 0.163 ug/L
RT: 10.819 min Scan# 3026
Delta R.T. 0.003 min
Lab File: VU053071.D
Acq: 13 Feb 2023 11:24

Tgt Ion: 75 Resp: 792
Ion Ratio Lower Upper
75 100
110 34.2 28.6 42.8
77 34.7 27.6 41.4





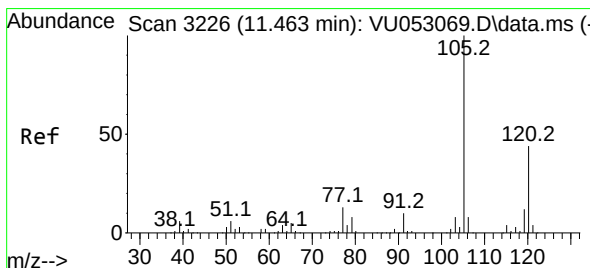
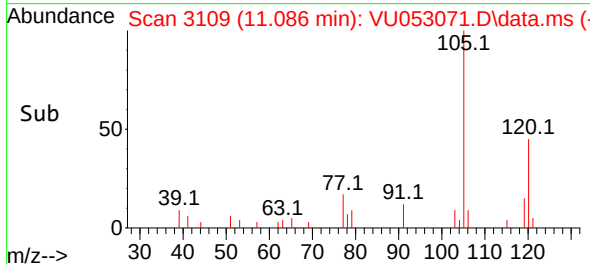
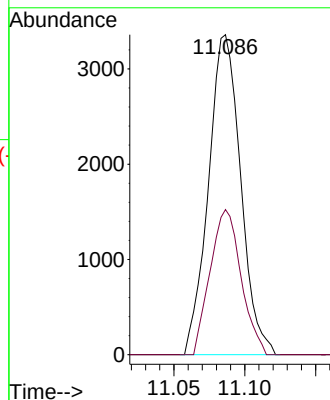
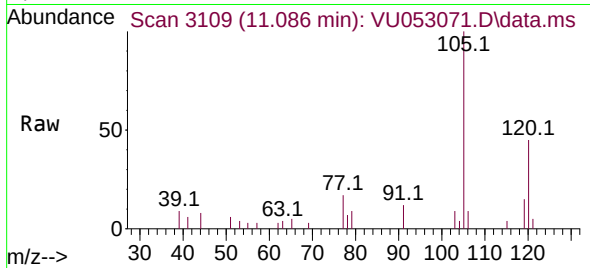
#62
 1,3,5-Trimethylbenzene
 Concen: 0.172 ug/L
 RT: 11.086 min Scan# 3108
 Delta R.T. 0.003 min
 Lab File: VU053071.D
 Acq: 13 Feb 2023 11:24

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

Tgt Ion:105 Resp: 532
 Ion Ratio Lower Upper
 105 100
 120 43.4 37.0 55.6

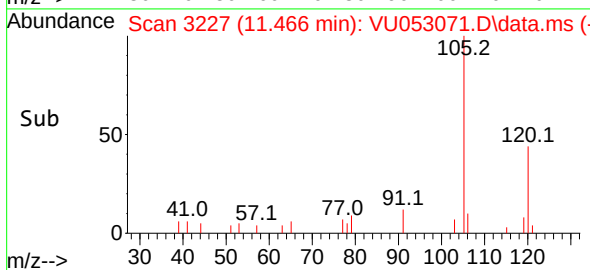
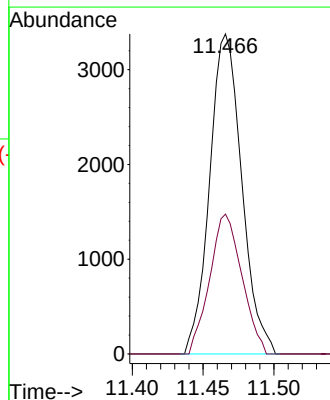
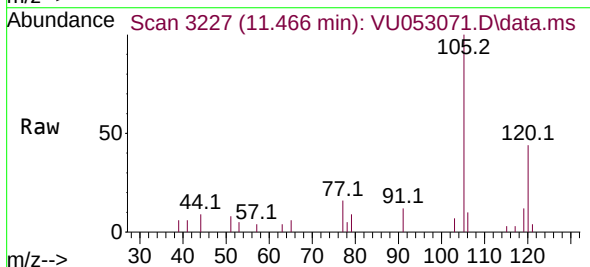
Manual Integrations
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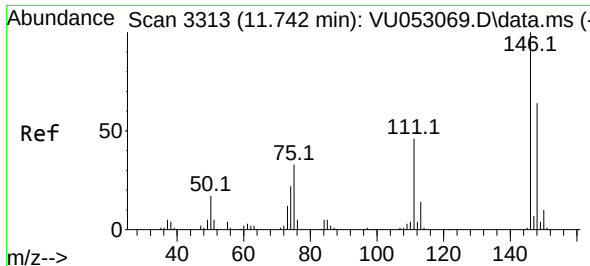
Reviewed By :Krupa Patel 02/15/2023
 Supervised By :Mahesh Dadoda 02/15/2023



#63
 1,2,4-Trimethylbenzene
 Concen: 0.172 ug/L
 RT: 11.466 min Scan# 3227
 Delta R.T. 0.003 min
 Lab File: VU053071.D
 Acq: 13 Feb 2023 11:24

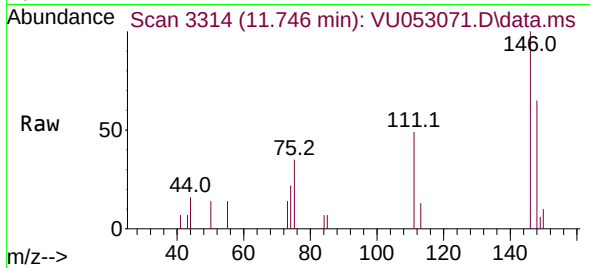
Tgt Ion:105 Resp: 5324
 Ion Ratio Lower Upper
 105 100
 120 43.8 34.7 52.1





#64
1,3-Dichlorobenzene
Concen: 0.162 ug/L
RT: 11.746 min Scan# 3313
Delta R.T. 0.003 min
Lab File: VU053071.D
Acq: 13 Feb 2023 11:24

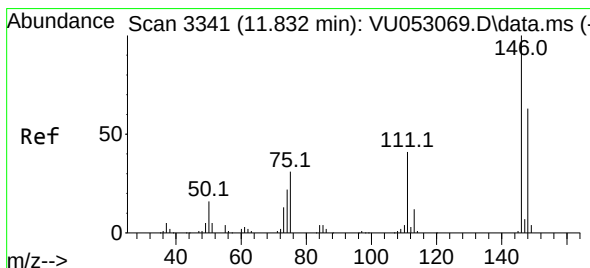
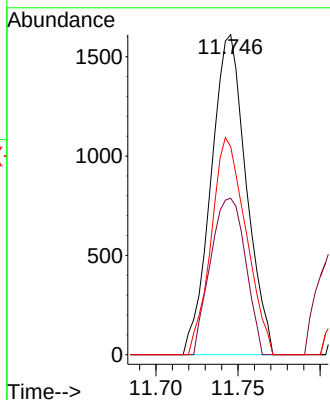
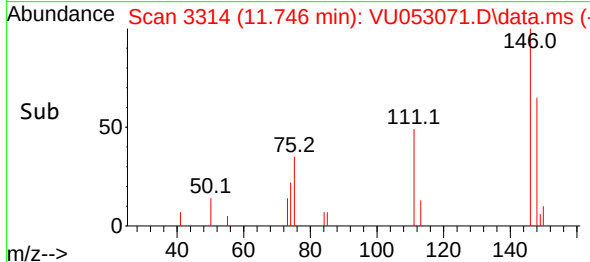
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2023-02



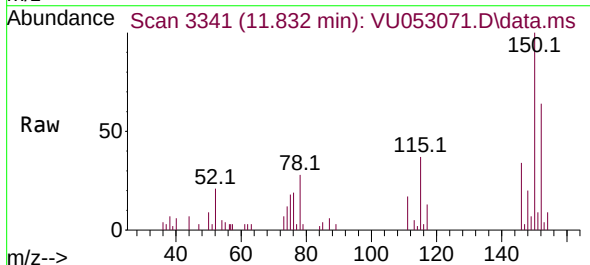
Tgt Ion:146 Resp: 240
Ion Ratio Lower Upper
146 100
111 48.9 32.0 59.4
148 65.0 45.3 84.1

Manual Integrations
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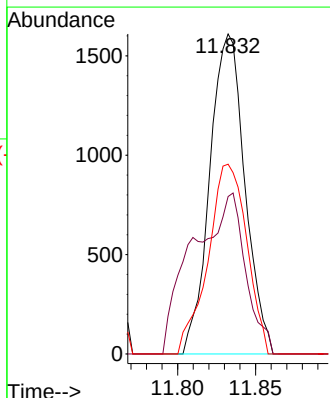
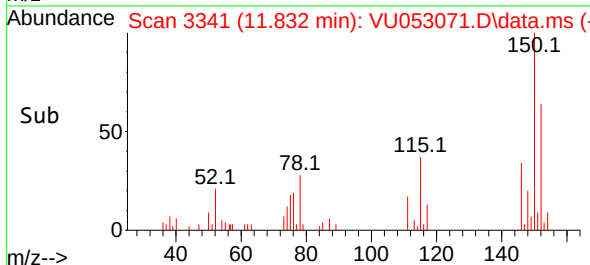
Reviewed By :Krupa Patel 02/15/2023
Supervised By :Mahesh Dadoda 02/15/2023

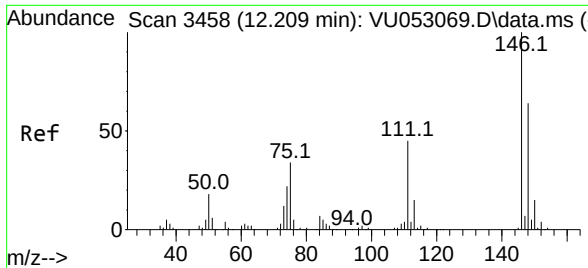


#65
1,4-Dichlorobenzene
Concen: 0.170 ug/L
RT: 11.832 min Scan# 3341
Delta R.T. -0.000 min
Lab File: VU053071.D
Acq: 13 Feb 2023 11:24



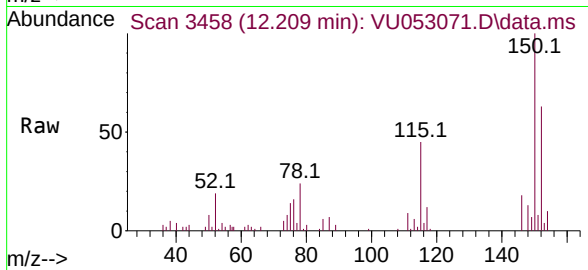
Tgt Ion:146 Resp: 2524
Ion Ratio Lower Upper
146 100
111 49.2 30.3 56.3
148 59.3 44.7 82.9





#67
 1,2-Dichlorobenzene
 Concen: 0.167 ug/L
 RT: 12.209 min Scan# 3458
 Delta R.T. -0.000 min
 Lab File: VU053071.D
 Acq: 13 Feb 2023 11:24

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



Tgt Ion:	146	Resp:	2318
Ion Ratio	Lower	Upper	
146	100		
111	50.7	36.3	54.5
148	71.9	51.3	76.9

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/15/2023
 Supervised By :Mahesh Dadoda 02/15/2023

