

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042123\
 Data File : VU053829.D
 Acq On : 21 Apr 2023 17:06
 Operator : JC/MD
 Sample : 02213-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Apr 22 03:20:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U041923DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Apr 21 09:18:21 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

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

Internal Standards						
1) Fluorobenzene	6.112	96	31380	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.629	95	10744	0.873	ug/l	0.00
Spiked Amount 1.000			Recovery	=	87.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	12600	0.861	ug/l	0.00
Spiked Amount 1.000			Recovery	=	86.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	2071	0.218	ug/l	93
3) Chloromethane	1.520	50	2234	0.261	ug/l	94
4) Vinyl Chloride	1.607	62	2240	0.226	ug/l	94
5) Bromomethane	1.858	94	1867	0.251	ug/l	86
6) Chloroethane	1.932	64	1669	0.263	ug/l	95
7) Trichlorofluoromethane	2.137	101	3715	0.223	ug/l	96
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	2765	0.255	ug/l #	93
9) 1,1-Dichloroethene	2.581	96	1726	0.195	ug/l	69
10) Iodomethane	2.719	142	1652	0.171	ug/l	98
11) Allyl Chloride	2.922	41	1918	0.182	ug/l	93
12) Acrylonitrile	3.334	53	439	0.198	ug/l #	72
13) Acetone	2.652	43	2385	0.770	ug/l	91
14) Carbon Disulfide	2.793	76	3159	0.217	ug/l	99
15) Methylene Chloride	3.044	84	4833	0.372	ug/l	88
16) trans-1,2-Dichloroethene	3.356	96	2293	0.239	ug/l #	75
17) 1,1-Dichloroethane	3.864	63	3794	0.192	ug/l #	93
18) 2-Butanone	4.732	43	2671m	0.665	ug/l	
19) Cyclohexane	5.382	56	2384m	0.174	ug/l	
20) Methylcyclohexane	6.755	83	2638	0.215	ug/l	91
21) 2,2-Dichloropropane	4.665	77	3508	0.195	ug/l #	78
22) cis-1,2-Dichloroethene	4.668	96	2343	0.195	ug/l	57
23) Diethyl Ether	2.379	59	1359	0.208	ug/l #	86
24) tert-Butyl Alcohol	3.195	59	1984m	2.229	ug/l	
25) Methyl tert-Butyl Ether	3.362	73	4685	0.189	ug/l	97
26) Bromochloromethane	4.973	128	927	0.175	ug/l	80
27) Chloroform	5.086	83	4434	0.208	ug/l	88
28) 1,1,1-Trichloroethane	5.314	97	3477	0.196	ug/l	93
29) 1,1-Dichloropropene	5.526	75	2266	0.201	ug/l	98
30) Carbon Tetrachloride	5.517	117	2857	0.226	ug/l	98
31) Isopropyl Ether	3.986	45	5202	0.182	ug/l	97
32) Ethyl-t-butyl ether	4.507	59	5185	0.179	ug/l	93
33) Tert-Amyl methyl ether	5.938	73	4424	0.209	ug/l #	85
34) Propionitrile	4.822	54	385m	0.429	ug/l	
35) Benzene	5.777	78	7916	0.228	ug/l	98
36) 1,2-Dichloroethane	5.796	62	2398	0.220	ug/l #	93
37) Trichloroethene	6.539	130	2455	0.249	ug/l	92
38) 1,2-Dichloropropane	6.793	63	2243	0.227	ug/l #	78
39) Methacrylonitrile	4.980	41	375m	0.105	ug/l	
41) Tetrahydrofuran	5.079	42	186	0.105	ug/l #	81
42) 1-Chlorobutane	5.459	56	3253	0.212	ug/l	93
43) Dibromomethane	6.925	93	1049	0.209	ug/l	90
44) Bromodichloromethane	7.102	83	2785	0.221	ug/l #	89
45) 4-Methyl-2-Pentanone	7.790	43	5378	1.056	ug/l	95

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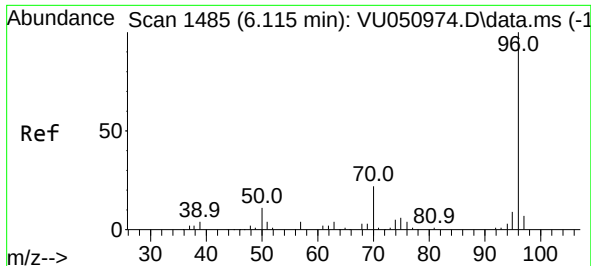
Quant Time: Apr 22 03:20:35 2023
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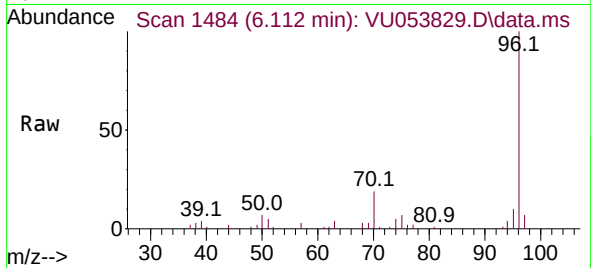
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) t-1,4-Dichloro-2-butene	10.832	75	778m	0.368	ug/l	
47) Methyl methacrylate	6.970	69	1662	0.378	ug/l #	91
48) Ethyl methacrylate	8.337	69	1461	0.169	ug/l	95
49) Toluene	7.967	92	4911	0.225	ug/l	93
50) t-1,3-Dichloropropene	8.208	75	2392	0.211	ug/l #	81
51) cis-1,3-Dichloropropene	7.610	75	2847	0.210	ug/l	97
52) 1,1,2-Trichloroethane	8.398	97	1959	0.246	ug/l #	88
53) 1,3-Dichloropropane	8.575	76	2740	0.220	ug/l	97
54) 2-Hexanone	8.684	43	4225	0.884	ug/l	88
55) Dibromochloromethane	8.809	129	1673	0.200	ug/l	94
56) 1,2-Dibromoethane	8.922	107	1634	0.238	ug/l	93
58) Tetrachloroethene	8.549	164	2291	0.240	ug/l	91
59) Chlorobenzene	9.446	112	6545	0.241	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.533	131	1772	0.181	ug/l	95
61) Pentachloroethane	11.417	117	1506	0.199	ug/l	95
62) Hexachloroethane	12.471	117	1349	0.183	ug/l	95
63) Ethyl Benzene	9.568	91	9136	0.213	ug/l	89
64) m/p-Xylenes	9.693	106	7154	0.423	ug/l	95
65) o-Xylene	10.095	106	3927	0.230	ug/l	91
66) Styrene	10.118	104	5800	0.214	ug/l	99
67) Bromoform	10.291	173	803	0.185	ug/l #	92
69) Isopropylbenzene	10.481	105	9715	0.218	ug/l	96
70) 1,1,2,2-Tetrachloroethane	10.780	83	1948	0.190	ug/l #	94
71) 1,2,3-Trichloropropane	10.822	75	1056m	0.143	ug/l	
72) Bromobenzene	10.780	156	2185	0.191	ug/l	80
73) n-propylbenzene	10.902	120	3252	0.263	ug/l	91
74) 2-Chlorotoluene	10.983	126	2350	0.201	ug/l	99
75) 1,3,5-Trimethylbenzene	11.082	105	7722	0.198	ug/l	98
76) 4-Chlorotoluene	11.102	126	2413	0.202	ug/l	99
77) tert-Butylbenzene	11.417	119	7618	0.195	ug/l	97
78) 1,2,4-Trimethylbenzene	11.465	105	7831	0.197	ug/l	98
79) sec-Butylbenzene	11.639	105	10087	0.192	ug/l	93
80) Nitrobenzene	13.224	77	195	0.602	ug/l #	40
81) p-Isopropyltoluene	11.790	119	8341	0.193	ug/l	97
82) 1,3-Dichlorobenzene	11.745	146	5906	0.242	ug/l	99
83) 1,4-Dichlorobenzene	11.835	146	6323	0.259	ug/l	96
84) n-Butylbenzene	12.208	91	9424	0.471	ug/l	95
85) 1,2-Dichlorobenzene	12.208	146	5843	0.244	ug/l	94
86) 1,2-Dibromo-3-Chloropr...	12.992	75	141	0.098	ug/l #	31
87) 1,2,4-Trichlorobenzene	13.841	180	4900	0.310	ug/l	99
88) Hexachlorobutadiene	14.018	225	2069	0.245	ug/l	92
89) Naphthalene	14.089	128	8849	0.319	ug/l #	92
90) 1,2,3-Trichlorobenzene	14.327	180	4813	0.320	ug/l	99

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 1485
Delta R.T. 0.004 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06

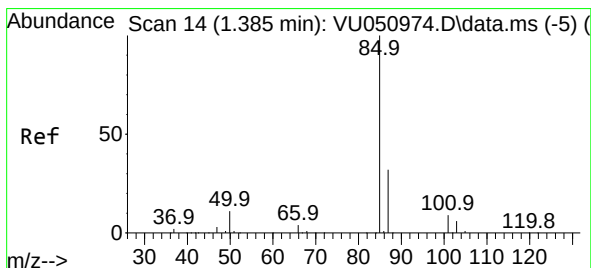
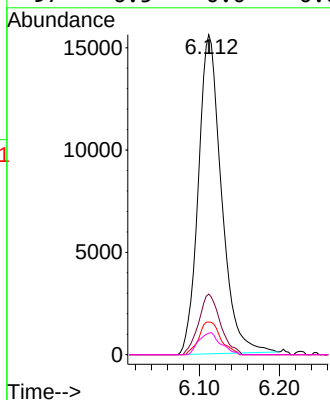
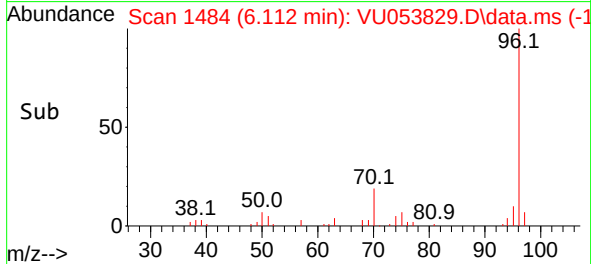
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion: 96 Resp: 31380
Ion Ratio Lower Upper
96 100
70 17.8 16.5 24.7
95 9.7 7.4 11.0
97 6.5 0.0 0.0#

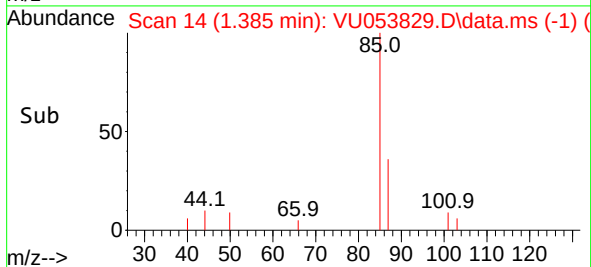
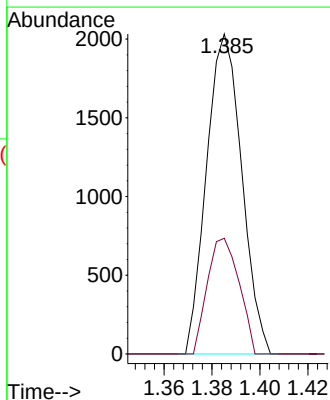
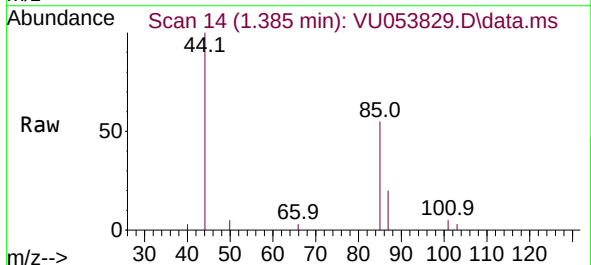
Manual Integrations
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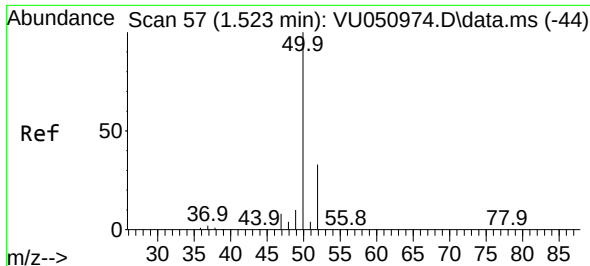
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#2
Dichlorodifluoromethane
Concen: 0.218 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06

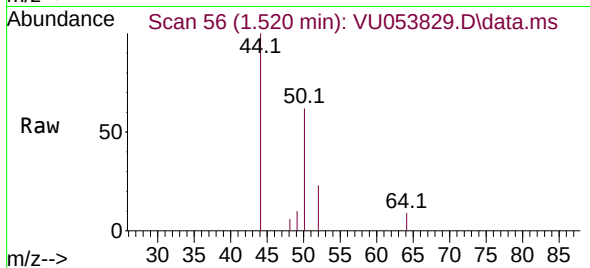
Tgt Ion: 85 Resp: 2071
Ion Ratio Lower Upper
85 100
87 36.2 16.2 48.6





#3
Chloromethane
Concen: 0.261 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06

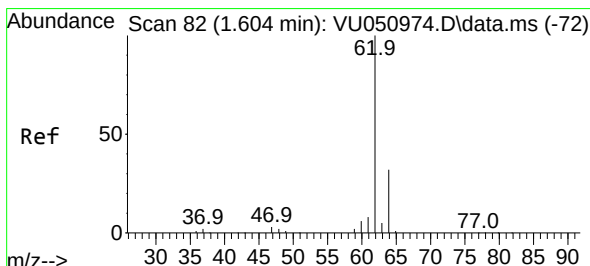
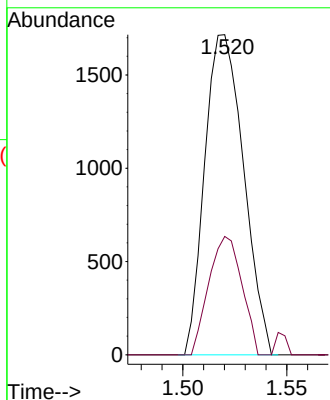
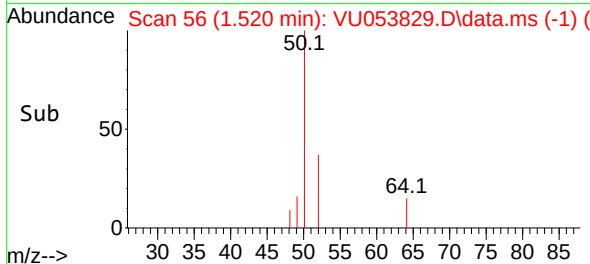
Instrument :
MSVOA_U
ClientSampleId :
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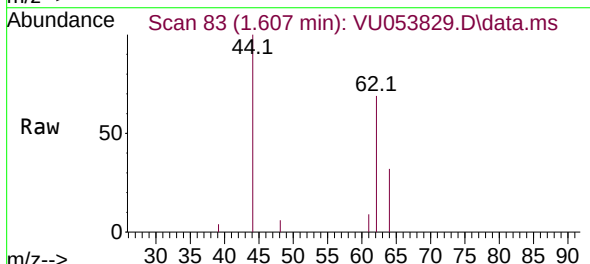
Tgt Ion: 50 Resp: 2234
Ion Ratio Lower Upper
50 100
52 36.9 26.6 40.0

Manual Integrations
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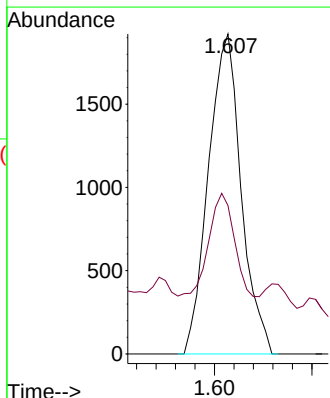
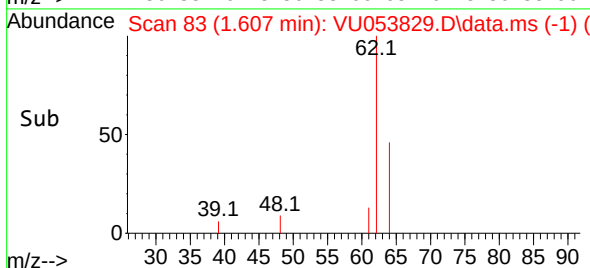
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

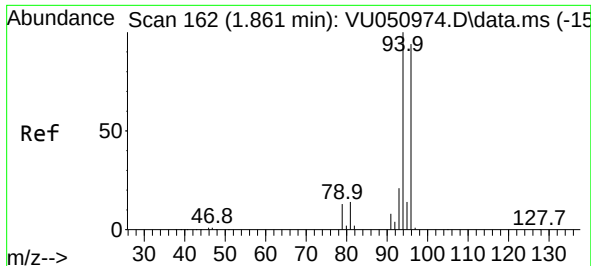


#4
Vinyl Chloride
Concen: 0.226 ug/l
RT: 1.607 min Scan# 83
Delta R.T. 0.003 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06



Tgt Ion: 62 Resp: 2240
Ion Ratio Lower Upper
62 100
64 28.3 25.4 38.2





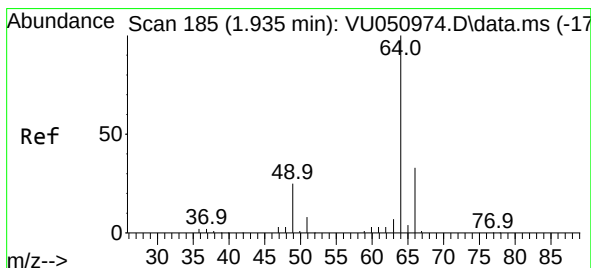
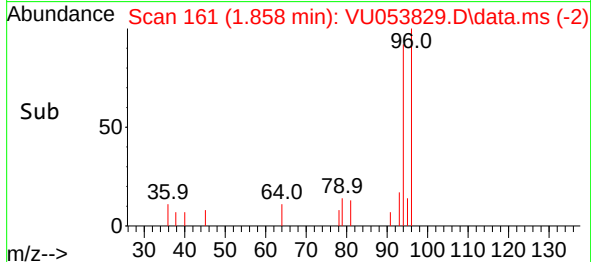
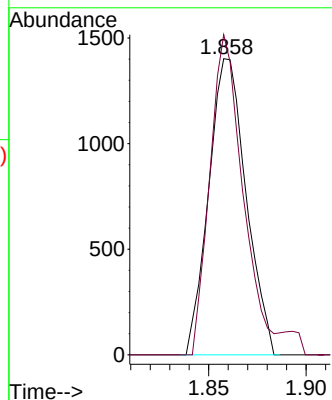
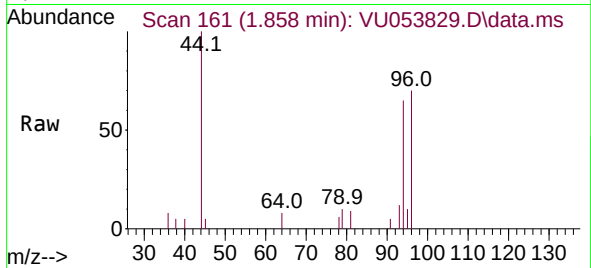
#5
Bromomethane
Concen: 0.251 ug/l
RT: 1.858 min Scan# 186
Delta R.T. 0.013 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06

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

Tgt Ion: 94 Resp: 186
Ion Ratio Lower Upper
94 100
96 108.1 75.4 113.2

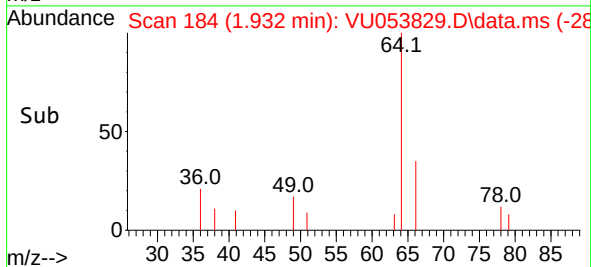
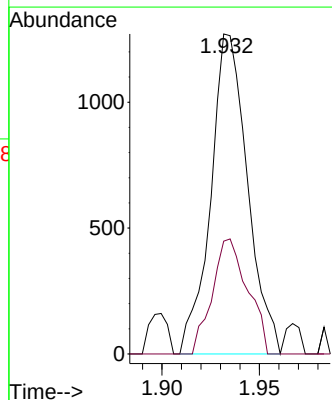
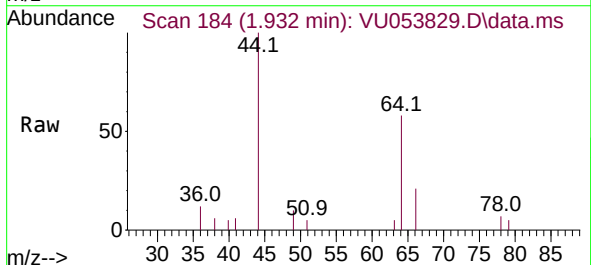
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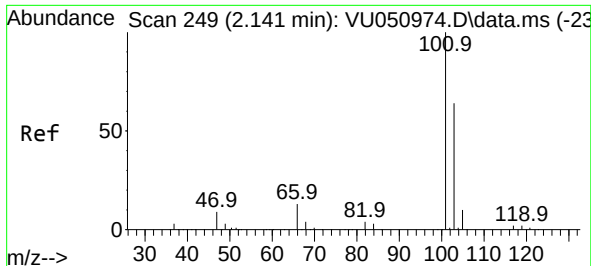
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#6
Chloroethane
Concen: 0.263 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.003 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06

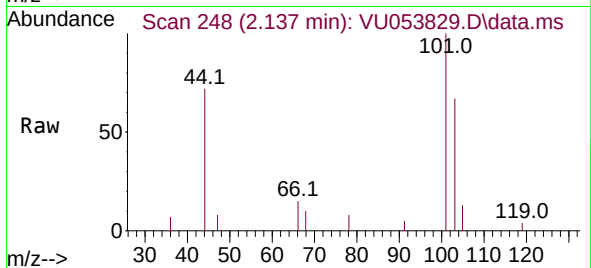
Tgt Ion: 64 Resp: 1669
Ion Ratio Lower Upper
64 100
66 35.2 26.0 39.0





#7
 Trichlorofluoromethane
 Concen: 0.223 ug/l
 RT: 2.137 min Scan# 249
 Delta R.T. 0.003 min
 Lab File: VU053829.D
 Acq: 21 Apr 2023 17:06

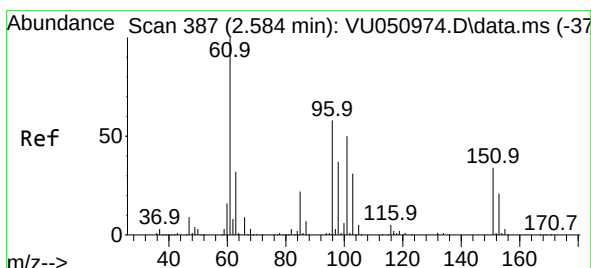
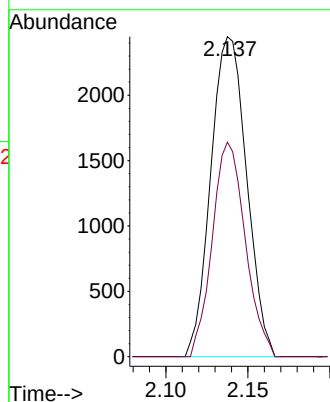
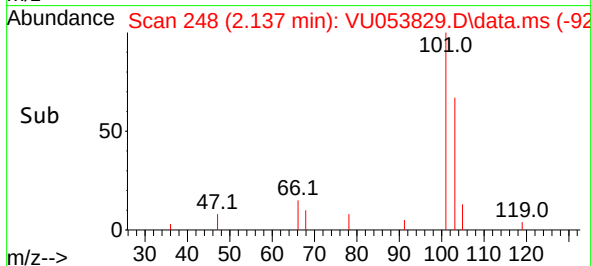
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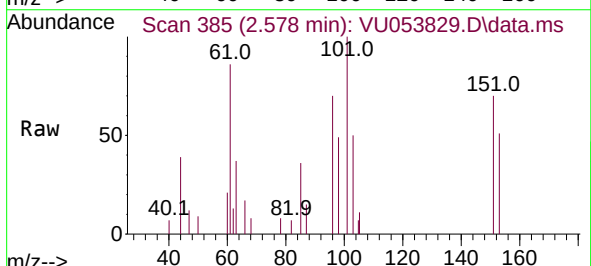
Tgt Ion:101 Resp: 3715
 Ion Ratio Lower Upper
 101 100
 103 67.1 51.4 77.0

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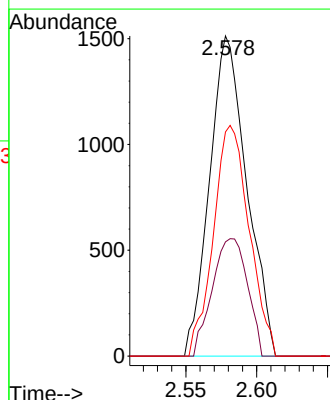
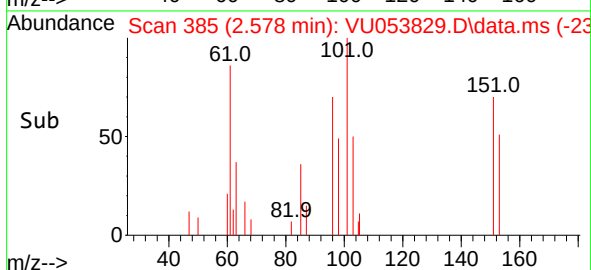
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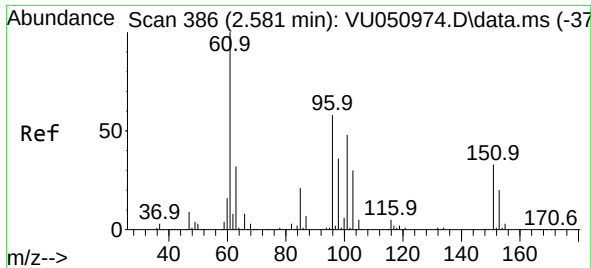


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.255 ug/l
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU053829.D
 Acq: 21 Apr 2023 17:06



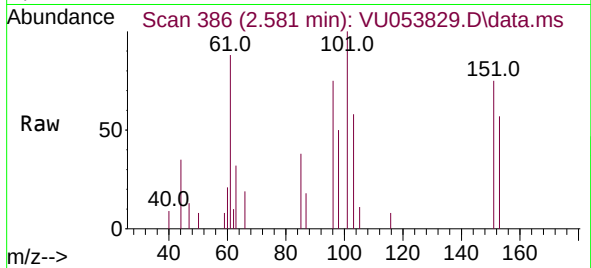
Tgt Ion:101 Resp: 2765
 Ion Ratio Lower Upper
 101 100
 85 34.7 35.4 53.0#
 151 69.3 54.0 81.0





#9
1,1-Dichloroethene
Concen: 0.195 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.003 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06

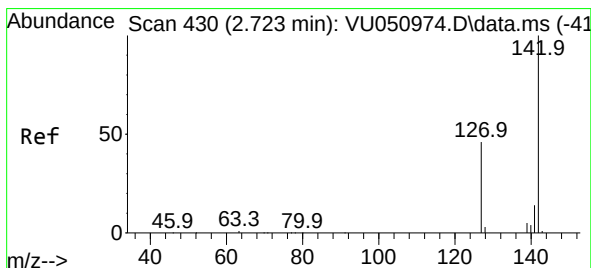
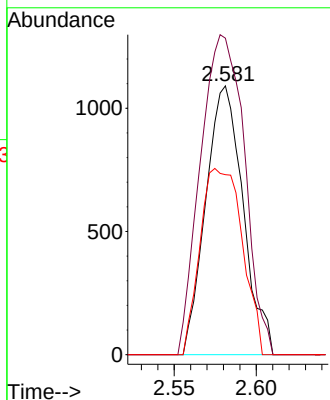
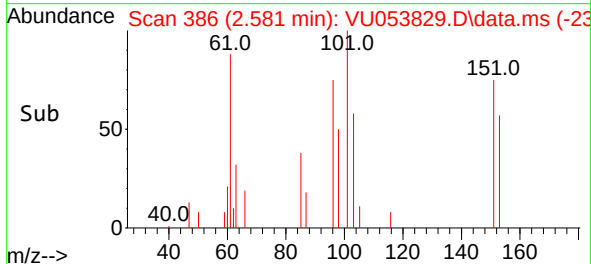
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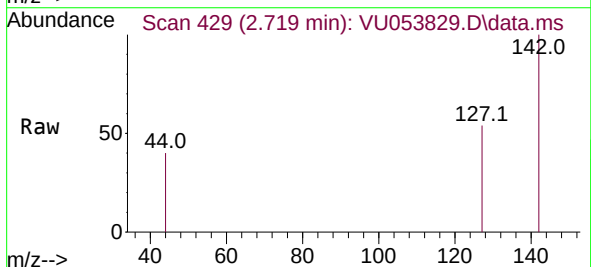
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Ion Ratio Lower Upper
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98 67.0 0.0 125.8

Manual Integrations
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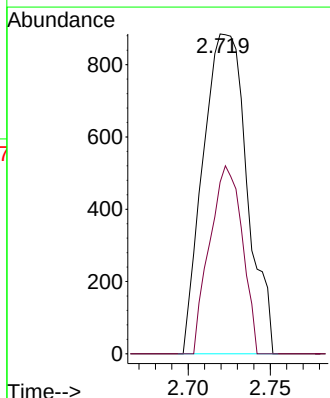
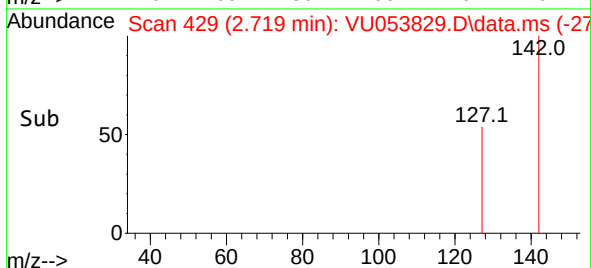
Reviewed By :Krupa Patel 04/28/2023
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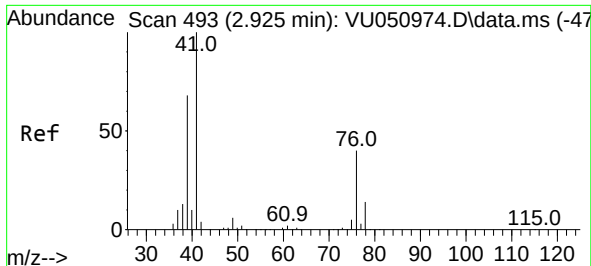


#10
Iodomethane
Concen: 0.171 ug/l
RT: 2.719 min Scan# 429
Delta R.T. -0.001 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06



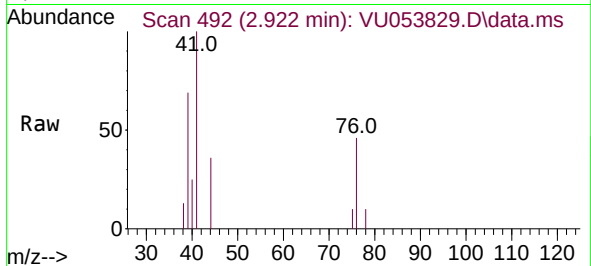
Tgt Ion:142 Resp: 1652
Ion Ratio Lower Upper
142 100
127 43.3 35.9 53.9





#11
 Allyl Chloride
 Concen: 0.182 ug/l
 RT: 2.922 min Scan# 493
 Delta R.T. 0.003 min
 Lab File: VU053829.D
 Acq: 21 Apr 2023 17:06

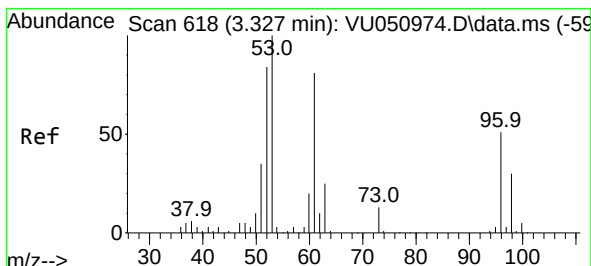
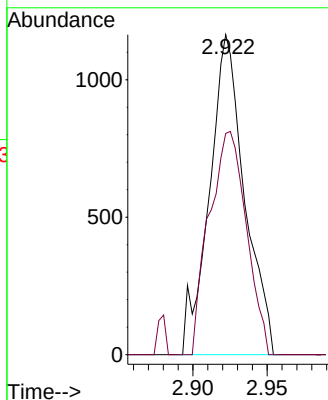
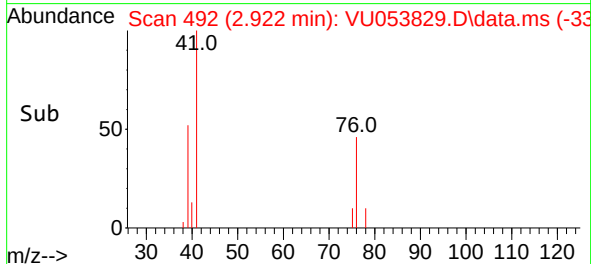
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT2-2023



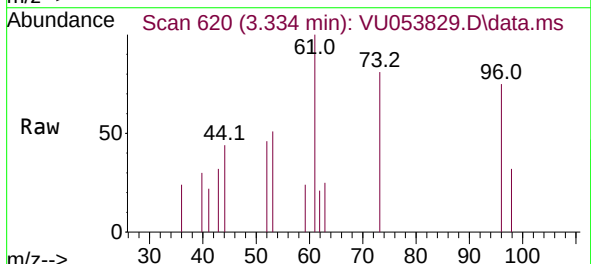
Tgt Ion: 41 Resp: 1918
 Ion Ratio Lower Upper
 41 100
 39 73.7 54.2 81.2

Manual Integrations
 APPROVED

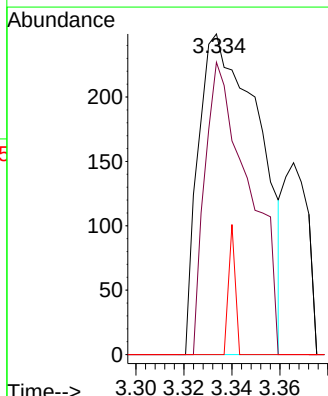
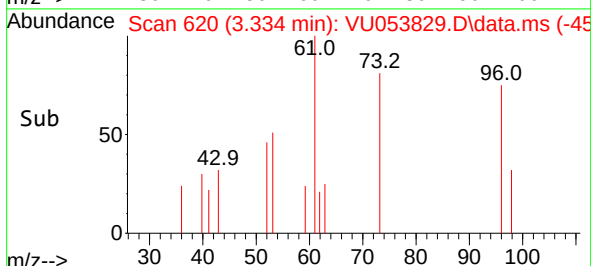
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

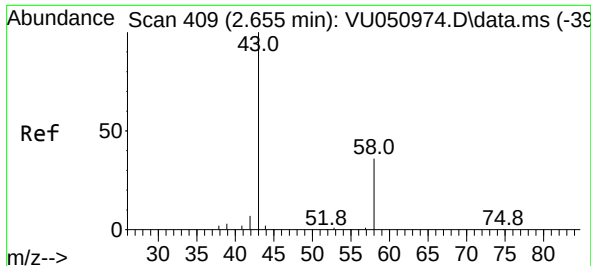


#12
 Acrylonitrile
 Concen: 0.198 ug/l
 RT: 3.334 min Scan# 620
 Delta R.T. 0.026 min
 Lab File: VU053829.D
 Acq: 21 Apr 2023 17:06



Tgt Ion: 53 Resp: 439
 Ion Ratio Lower Upper
 53 100
 52 66.1 62.9 94.3
 51 0.0 27.8 41.6#





#13

Acetone

Concen: 0.770 ug/l

RT: 2.652 min Scan# 409

Delta R.T. 0.032 min

Lab File: VU053829.D

Acq: 21 Apr 2023 17:06

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2023

Tgt Ion: 43 Resp: 238

Ion Ratio Lower Upper

43 100

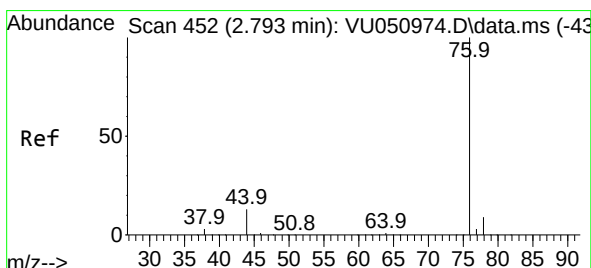
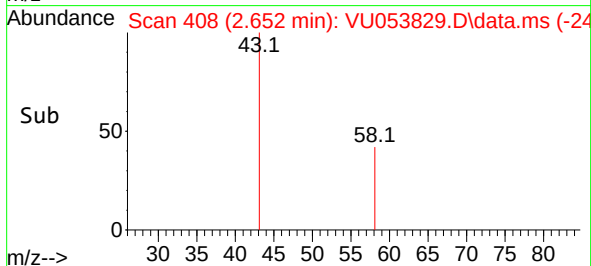
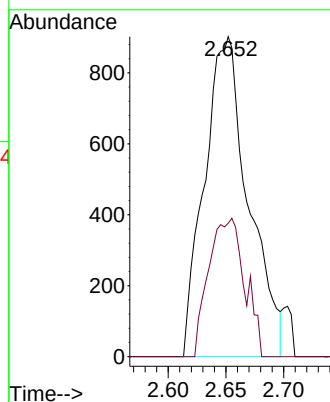
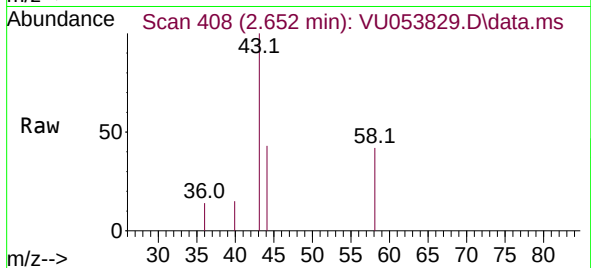
58 41.7 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#14

Carbon Disulfide

Concen: 0.217 ug/l

RT: 2.793 min Scan# 452

Delta R.T. 0.006 min

Lab File: VU053829.D

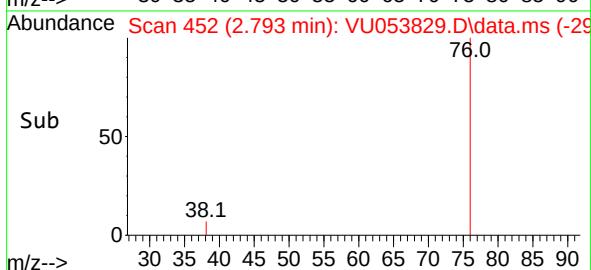
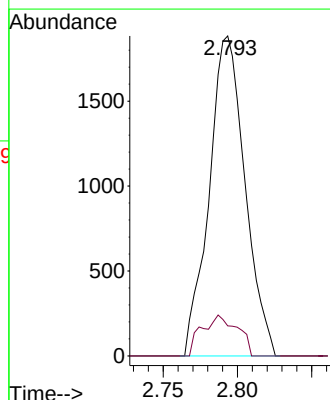
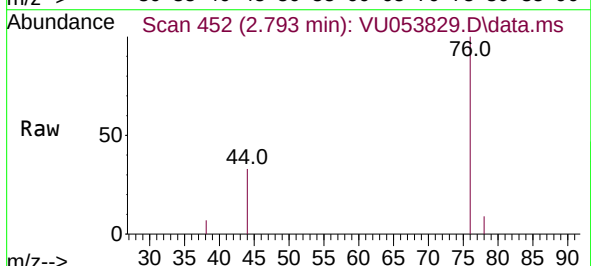
Acq: 21 Apr 2023 17:06

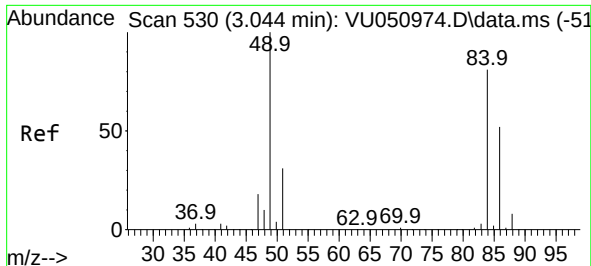
Tgt Ion: 76 Resp: 3159

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0





#15

Methylene Chloride

Concen: 0.372 ug/l

RT: 3.044 min Scan# 51

Delta R.T. 0.003 min

Lab File: VU053829.D

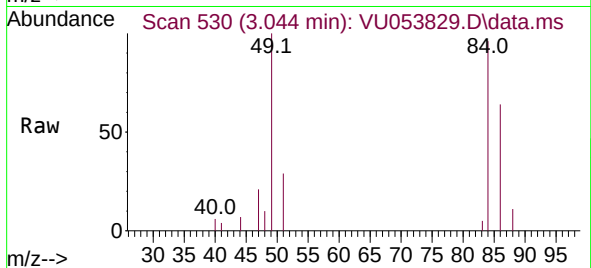
Acq: 21 Apr 2023 17:06

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2023



Tgt Ion: 84 Resp: 483

Ion Ratio Lower Upper

84 100

49 104.2 98.9 148.3

51 30.0 0.0 75.4

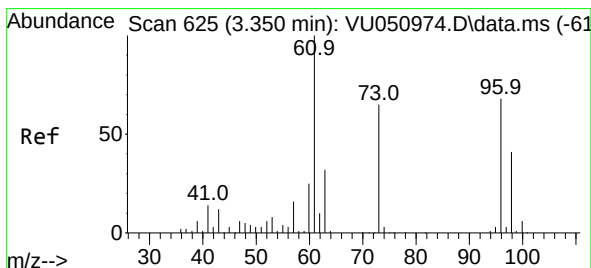
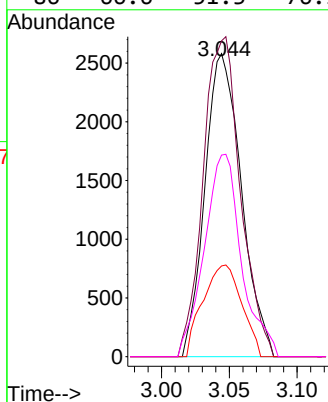
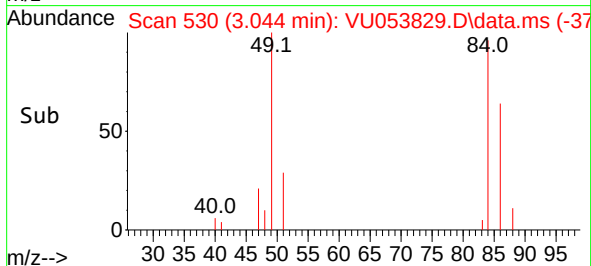
86 66.6 51.3 76.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#16

trans-1,2-Dichloroethene

Concen: 0.239 ug/l

RT: 3.356 min Scan# 627

Delta R.T. 0.010 min

Lab File: VU053829.D

Acq: 21 Apr 2023 17:06

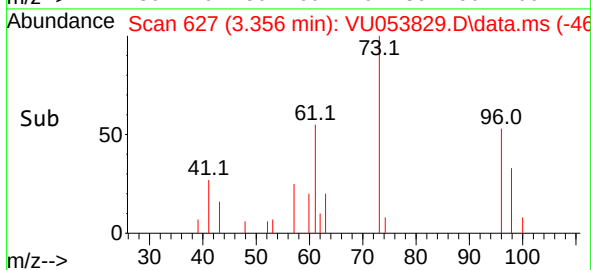
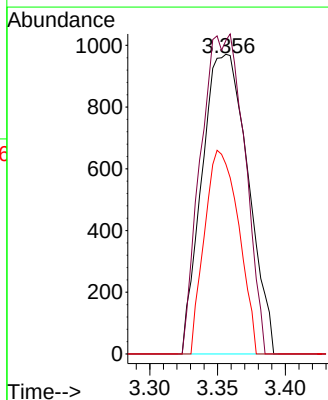
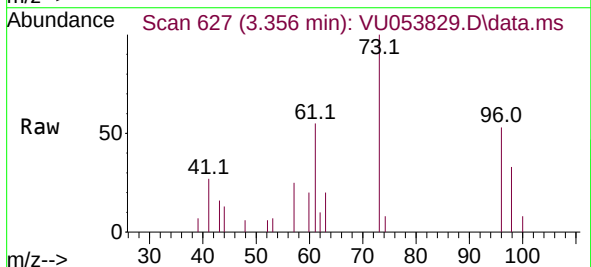
Tgt Ion: 96 Resp: 2293

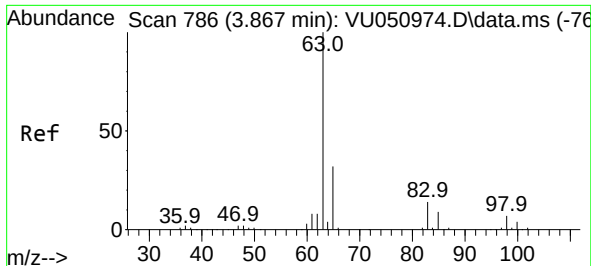
Ion Ratio Lower Upper

96 100

61 104.6 117.5 176.3#

98 63.3 48.3 72.5





#17

1,1-Dichloroethane

Concen: 0.192 ug/l

RT: 3.864 min Scan# 786

Delta R.T. -0.000 min

Lab File: VU053829.D

Acq: 21 Apr 2023 17:06

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2023

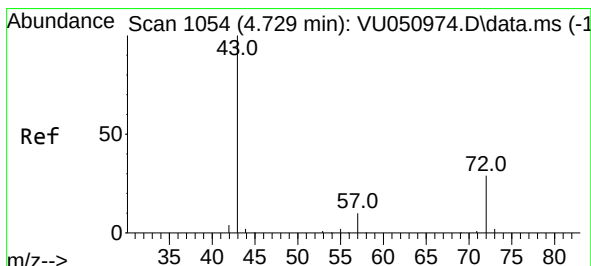
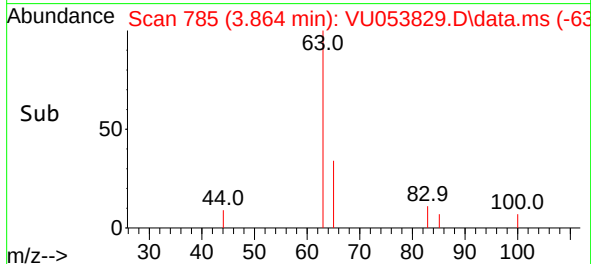
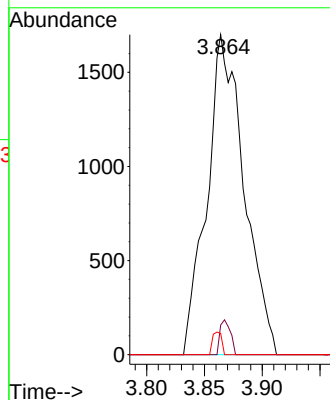
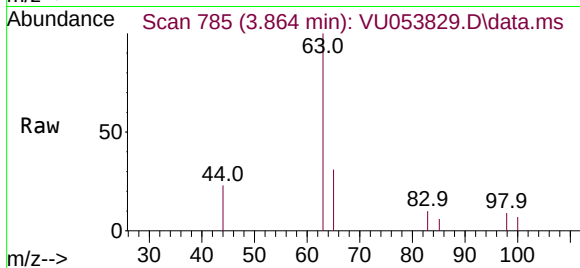
Tgt Ion: 63	Resp: 3794
Ion Ratio	Lower Upper
63 100	
98 9.2	3.4 10.1
100 6.6	2.2 6.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#18

2-Butanone

Concen: 0.665 ug/l m

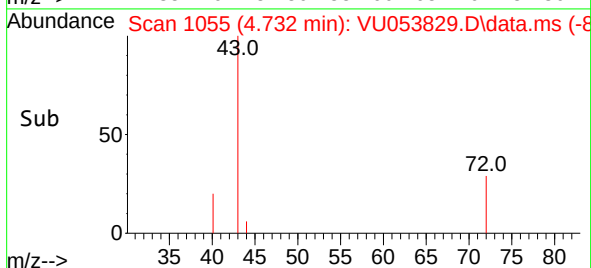
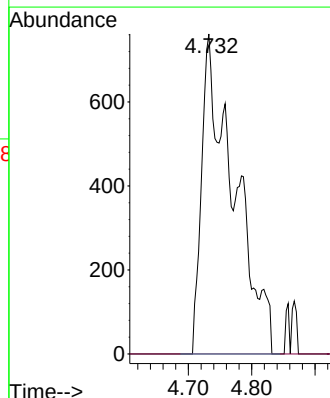
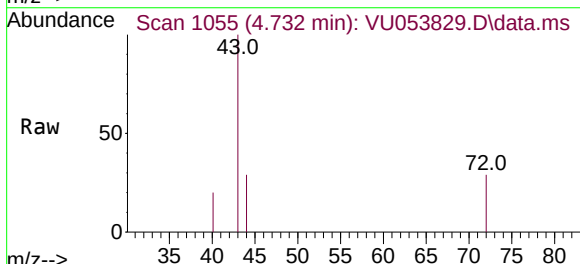
RT: 4.732 min Scan# 1055

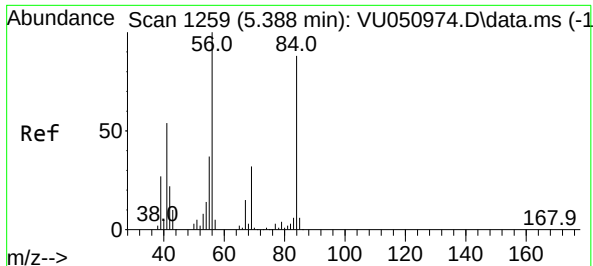
Delta R.T. 0.019 min

Lab File: VU053829.D

Acq: 21 Apr 2023 17:06

Tgt Ion: 43	Resp: 2671
Ion Ratio	Lower Upper
43 100	
57 0.0	0.0 19.6





#19

Cyclohexane

Concen: 0.174 ug/l m

RT: 5.382 min Scan# 1259

Delta R.T. 0.006 min

Lab File: VU053829.D

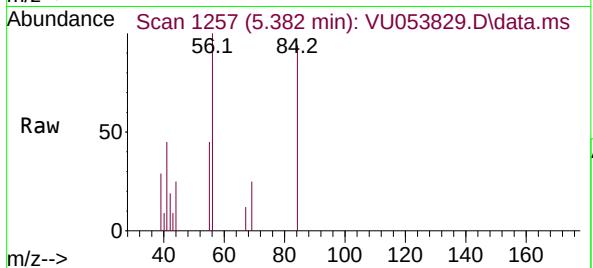
Acq: 21 Apr 2023 17:06

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2023



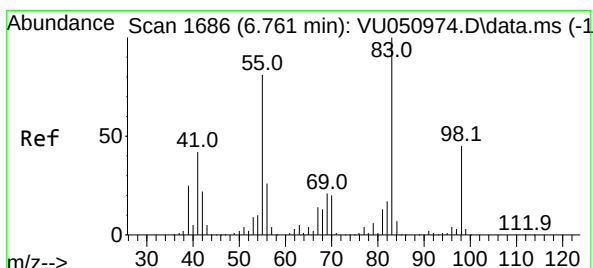
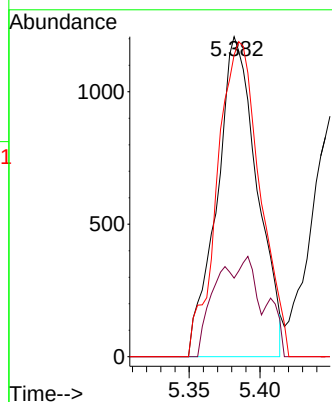
Tgt Ion:	56	Resp:	2384
Ion Ratio	Lower	Upper	
56	100		
69	16.9	24.6	37.0
84	104.5	68.4	102.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#20

Methylcyclohexane

Concen: 0.215 ug/l

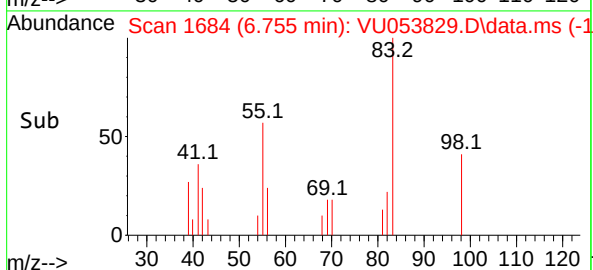
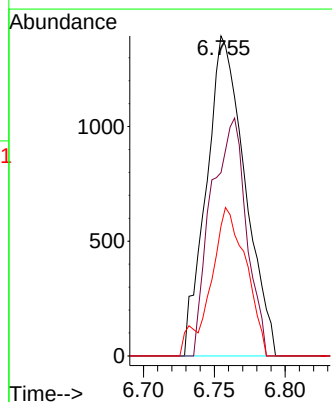
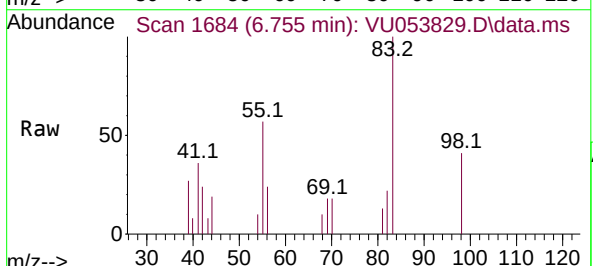
RT: 6.755 min Scan# 1684

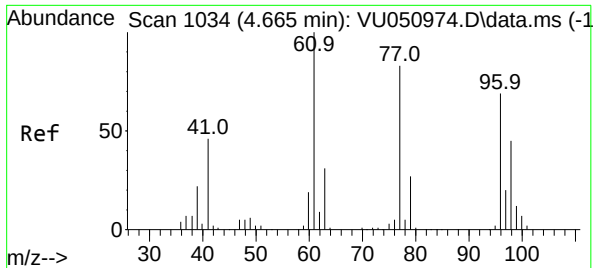
Delta R.T. -0.000 min

Lab File: VU053829.D

Acq: 21 Apr 2023 17:06

Tgt Ion:	83	Resp:	2638
Ion Ratio	Lower	Upper	
83	100		
55	67.9	63.5	95.3
98	42.9	36.0	54.0





#21

2,2-Dichloropropane

Concen: 0.195 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.006 min

Lab File: VU053829.D

Acq: 21 Apr 2023 17:06

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2023

Tgt Ion: 77 Resp: 3508

Ion Ratio Lower Upper

77 100

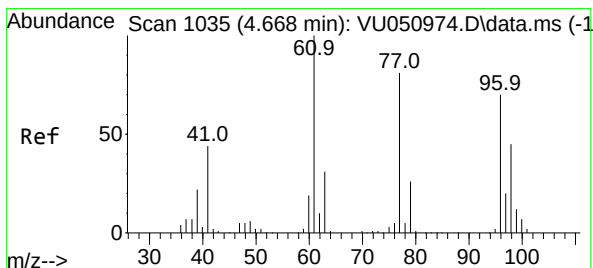
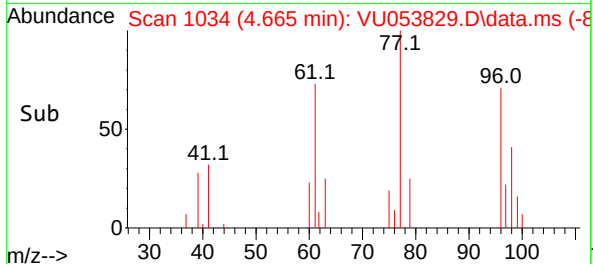
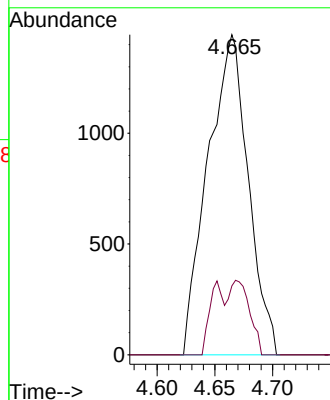
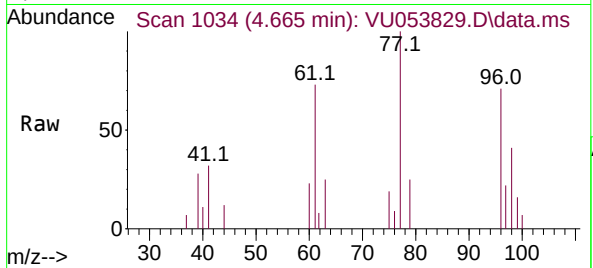
97 12.1 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#22

cis-1,2-Dichloroethene

Concen: 0.195 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. 0.010 min

Lab File: VU053829.D

Acq: 21 Apr 2023 17:06

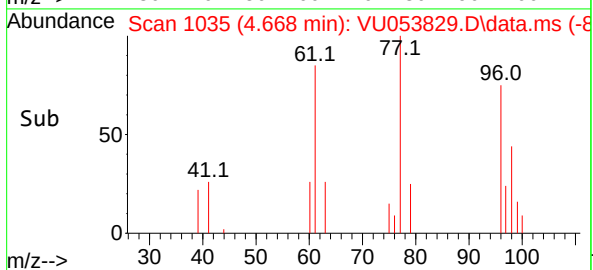
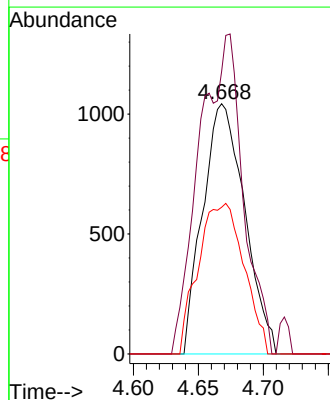
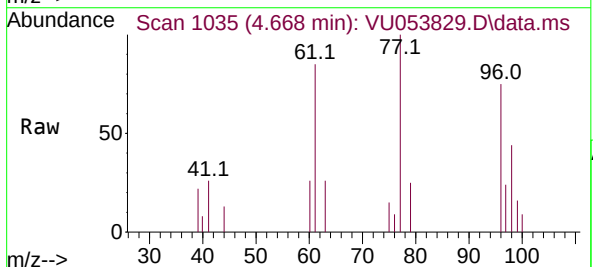
Tgt Ion: 96 Resp: 2343

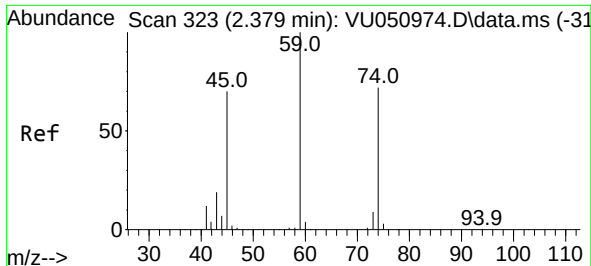
Ion Ratio Lower Upper

96 100

61 69.7 0.0 365.8

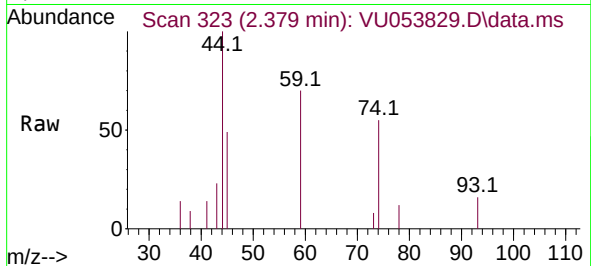
98 65.6 32.0 96.0





#23
Diethyl Ether
Concen: 0.208 ug/l
RT: 2.379 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06

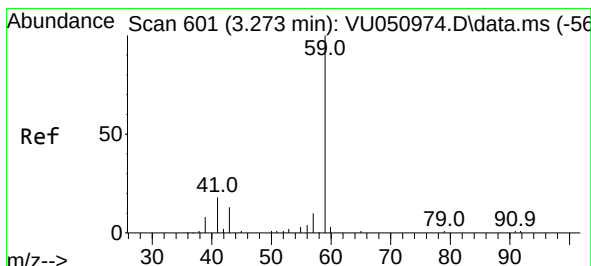
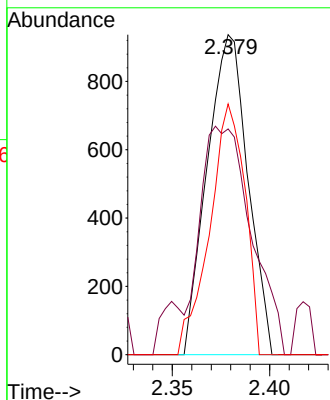
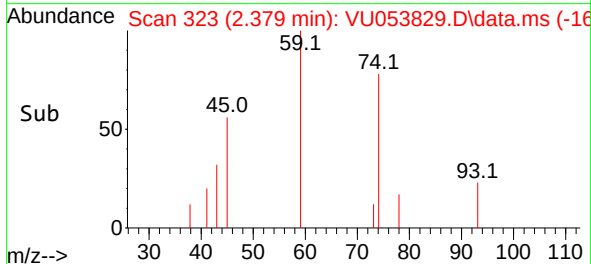
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion: 59 Resp: 1359
Ion Ratio Lower Upper
59 100
45 89.5 56.1 84.1
74 68.4 57.4 86.2

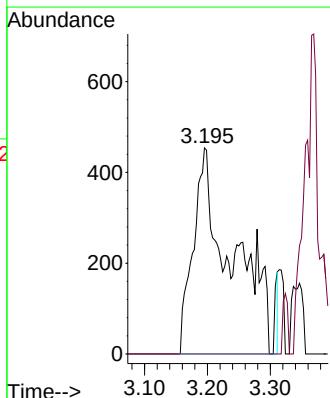
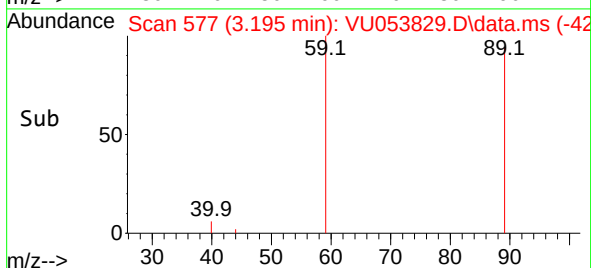
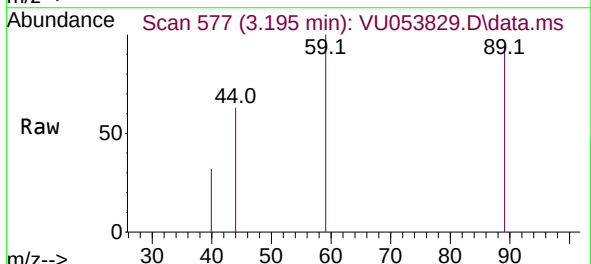
Manual Integrations
APPROVED

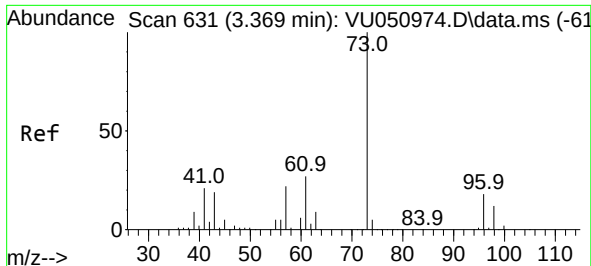
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#24
tert-Butyl Alcohol
Concen: 2.229 ug/l m
RT: 3.195 min Scan# 577
Delta R.T. 0.006 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06

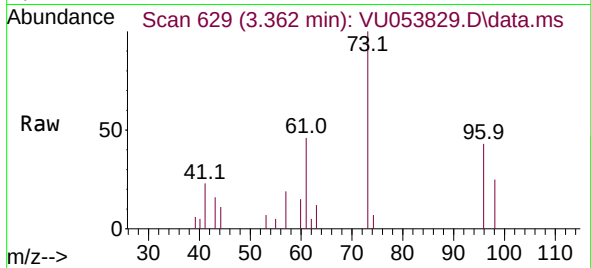
Tgt Ion: 59 Resp: 1984
Ion Ratio Lower Upper
59 100
57 0.0 105.6 158.4#





#25
Methyl tert-Butyl Ether
Concen: 0.189 ug/l
RT: 3.362 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06

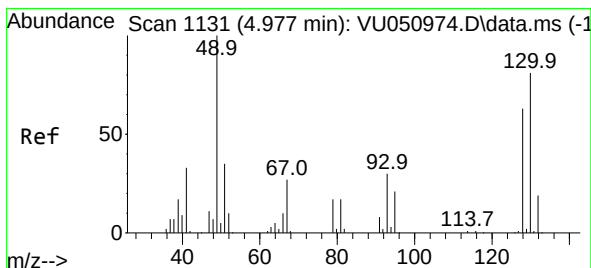
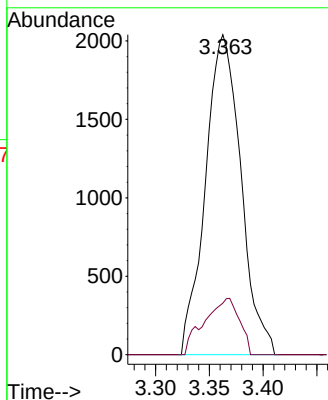
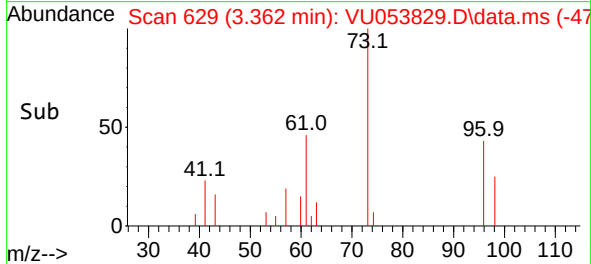
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2023



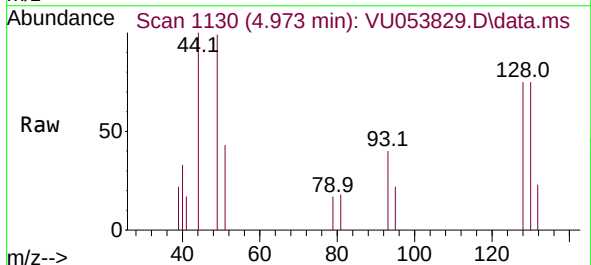
Tgt Ion: 73 Resp: 468
Ion Ratio Lower Upper
73 100
43 17.4 15.0 22.6

Manual Integrations
APPROVED

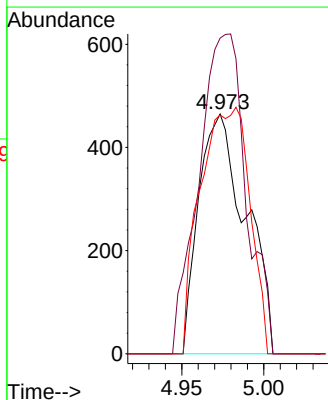
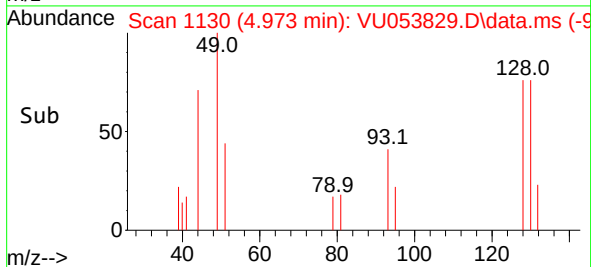
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

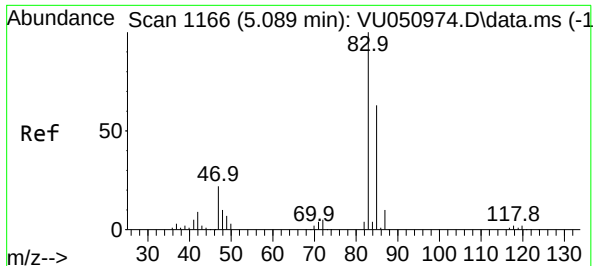


#26
Bromochloromethane
Concen: 0.175 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06



Tgt Ion:128 Resp: 927
Ion Ratio Lower Upper
128 100
49 134.2 0.0 324.6
130 108.3 103.0 154.4





#27

Chloroform

Concen: 0.208 ug/l

RT: 5.086 min Scan# 1166

Delta R.T. 0.003 min

Lab File: VU053829.D

Acq: 21 Apr 2023 17:06

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2023

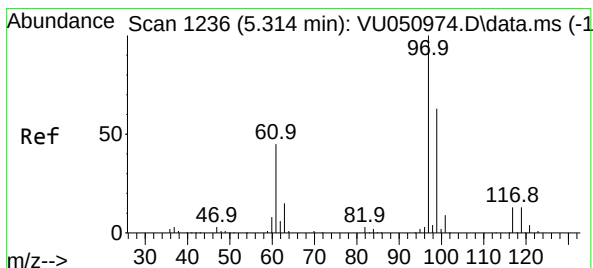
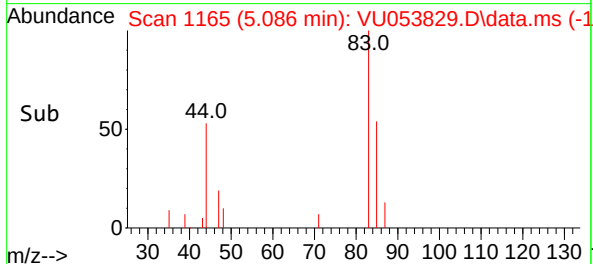
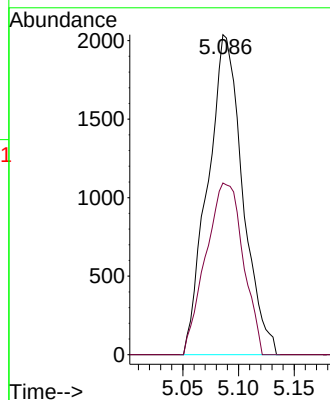
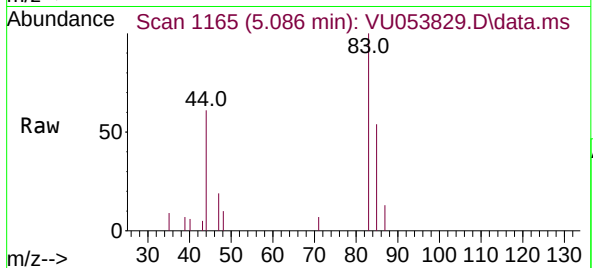
Tgt Ion: 83 Resp: 4434
 Ion Ratio Lower Upper
 83 100
 85 53.6 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#28

1,1,1-Trichloroethane

Concen: 0.196 ug/l

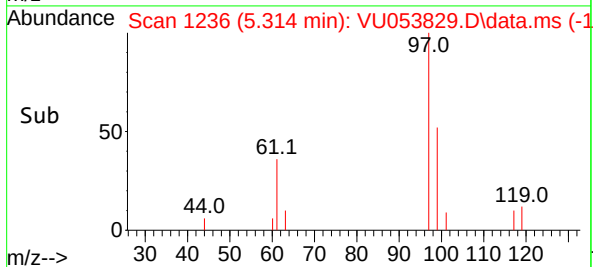
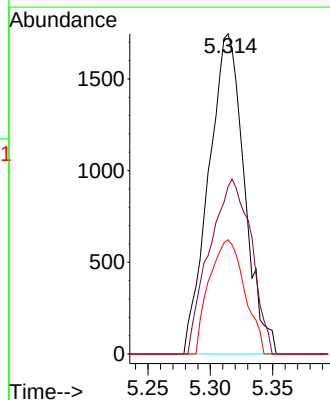
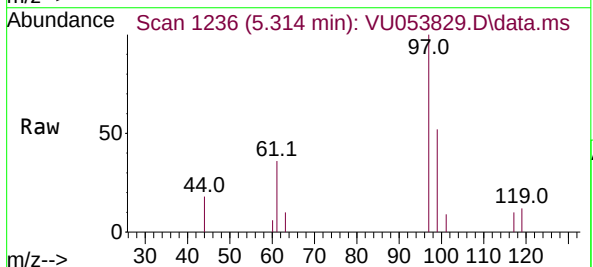
RT: 5.314 min Scan# 1236

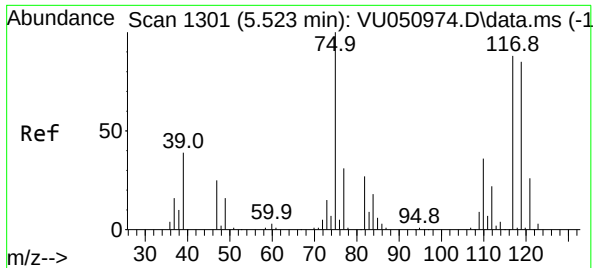
Delta R.T. 0.006 min

Lab File: VU053829.D

Acq: 21 Apr 2023 17:06

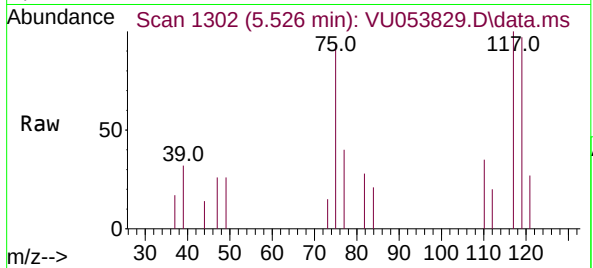
Tgt Ion: 97 Resp: 3477
 Ion Ratio Lower Upper
 97 100
 99 63.8 32.0 96.2
 61 35.3 22.9 68.5





#29
1,1-Dichloropropene
Concen: 0.201 ug/l
RT: 5.526 min Scan# 1129
Delta R.T. 0.010 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06

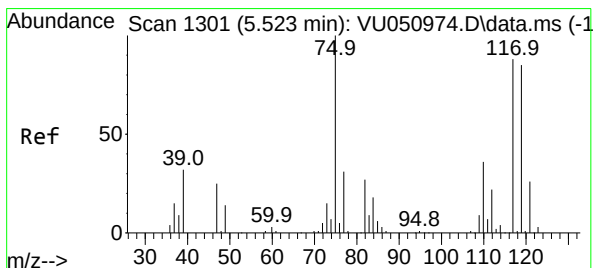
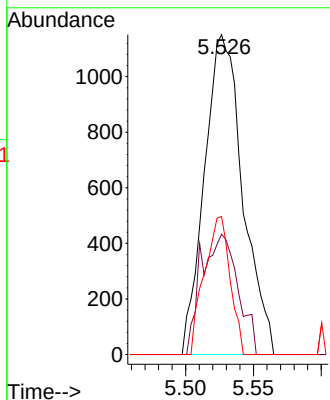
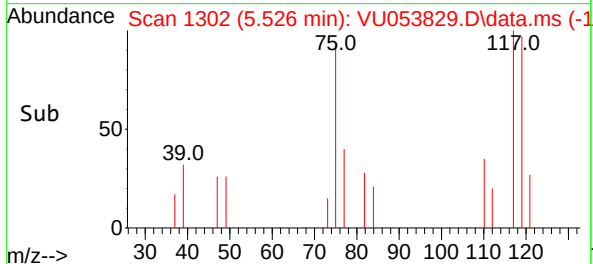
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2023



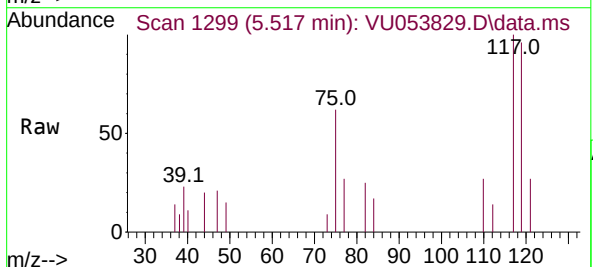
Tgt Ion: 75 Resp: 2260
Ion Ratio Lower Upper
75 100
110 35.9 18.0 54.0
77 28.8 24.7 37.1

Manual Integrations
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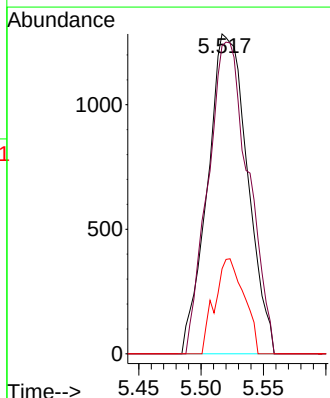
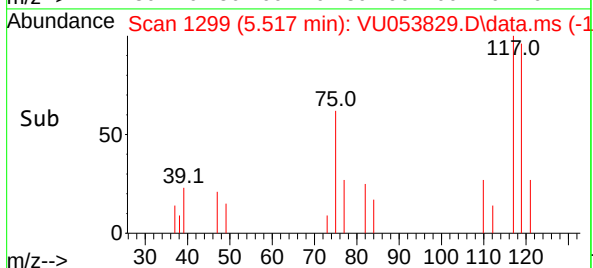
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

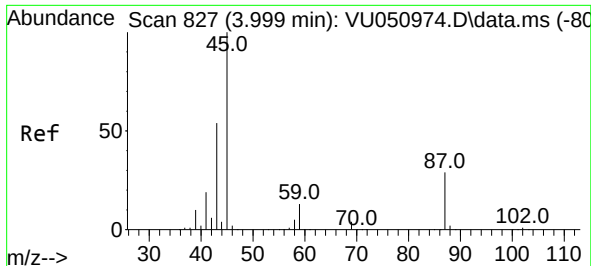


#30
Carbon Tetrachloride
Concen: 0.226 ug/l
RT: 5.517 min Scan# 1299
Delta R.T. 0.003 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06



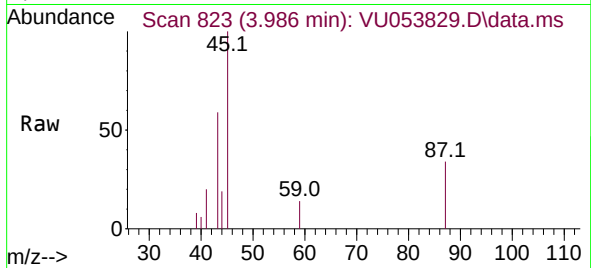
Tgt Ion:117 Resp: 2857
Ion Ratio Lower Upper
117 100
119 96.3 77.4 116.0
121 26.6 24.0 36.0





#31
Isopropyl Ether
Concen: 0.182 ug/l
RT: 3.986 min Scan# 823
Delta R.T. -0.010 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06

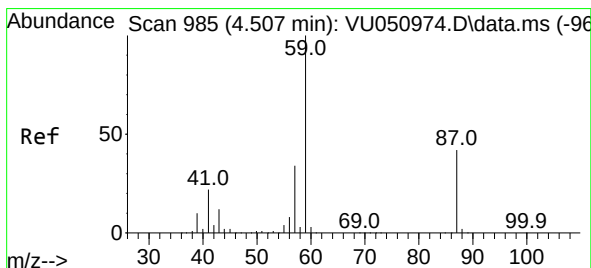
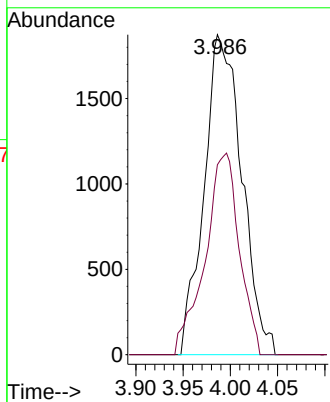
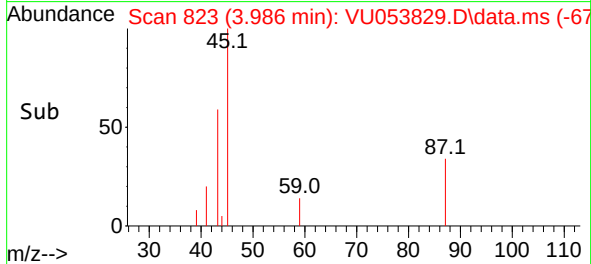
Instrument : MSVOA_U
Client Sample Id : MDL-WATER-03-QT2-2023



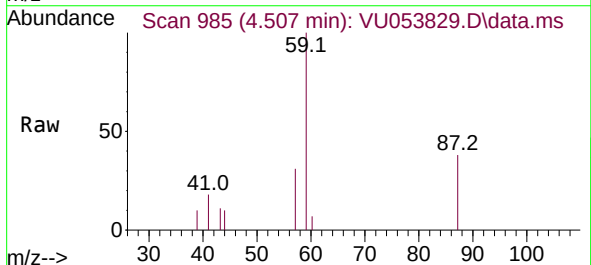
Tgt Ion: 45 Resp: 520
Ion Ratio Lower Upper
45 100
43 57.0 27.5 82.5

Manual Integrations
APPROVED

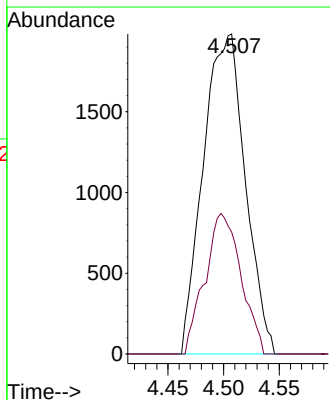
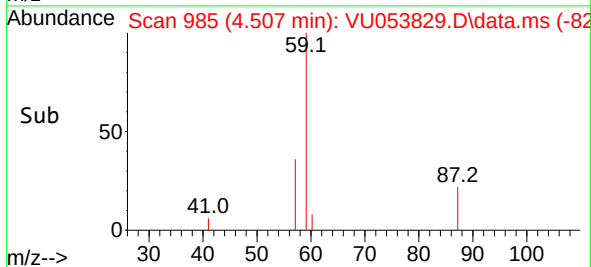
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

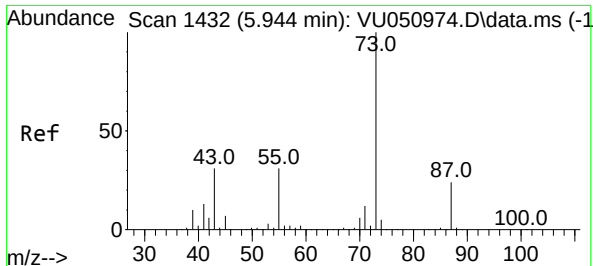


#32
Ethyl-t-butyl ether
Concen: 0.179 ug/l
RT: 4.507 min Scan# 985
Delta R.T. 0.000 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06



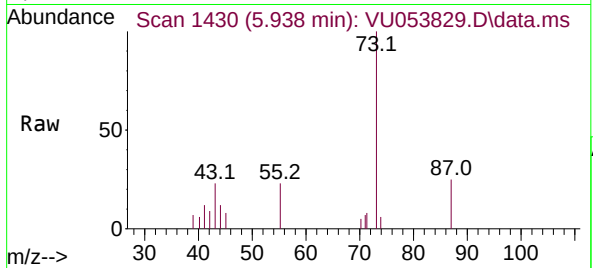
Tgt Ion: 59 Resp: 5185
Ion Ratio Lower Upper
59 100
87 37.8 33.5 50.3





#33
Tert-Amyl methyl ether
Concen: 0.209 ug/l
RT: 5.938 min Scan# 1432
Delta R.T. -0.006 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06

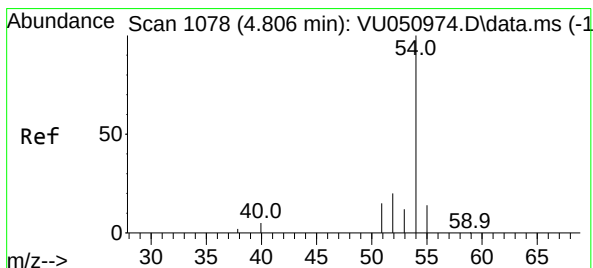
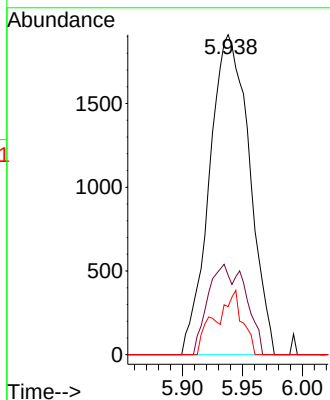
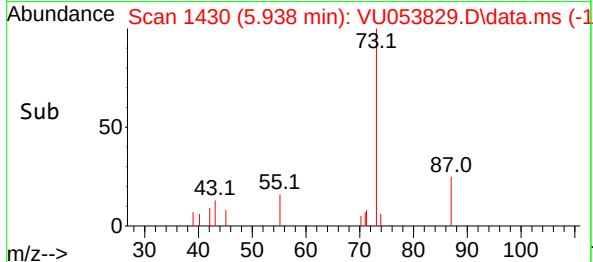
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2023



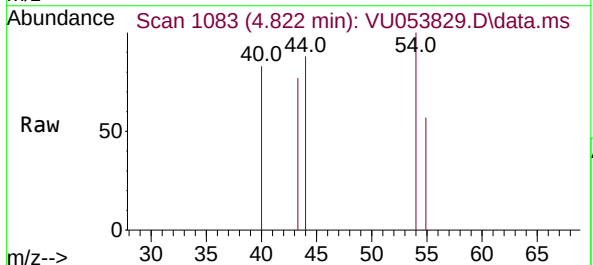
Tgt Ion: 73 Resp: 4424
Ion Ratio Lower Upper
73 100
87 16.6 18.6 28.0#
71 5.1 9.9 14.9#

Manual Integrations
APPROVED

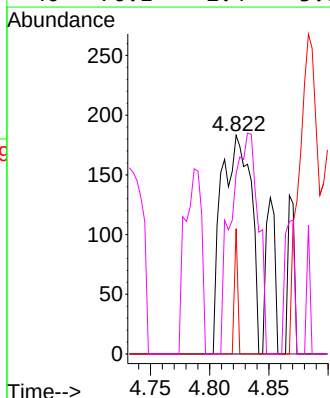
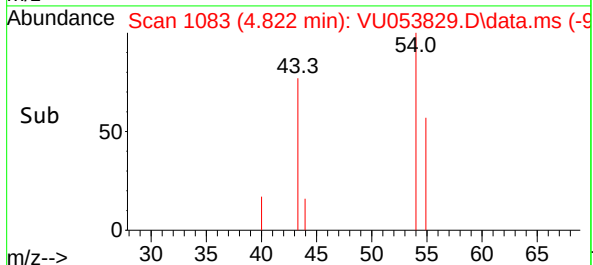
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

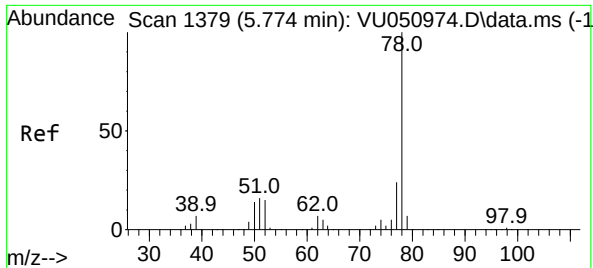


#34
Propionitrile
Concen: 0.429 ug/l m
RT: 4.822 min Scan# 1083
Delta R.T. 0.045 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06



Tgt Ion: 54 Resp: 385
Ion Ratio Lower Upper
54 100
52 0.0 17.4 26.0#
55 5.2 104.1 156.1#
40 76.1 2.4 3.6#





#35

Benzene

Concen: 0.228 ug/l

RT: 5.777 min Scan# 1380

Delta R.T. 0.010 min

Lab File: VU053829.D

Acq: 21 Apr 2023 17:06

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2023

Tgt Ion: 78 Resp: 7910

Ion Ratio Lower Upper

78 100

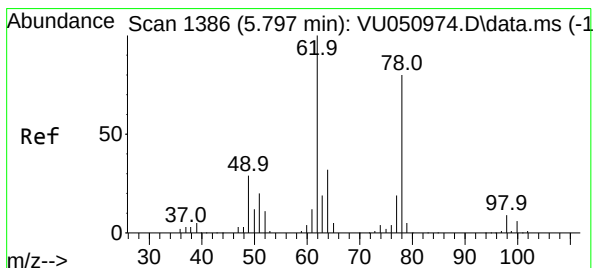
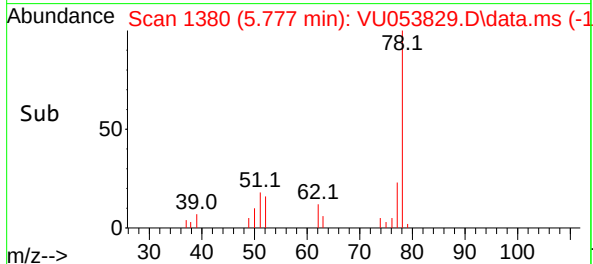
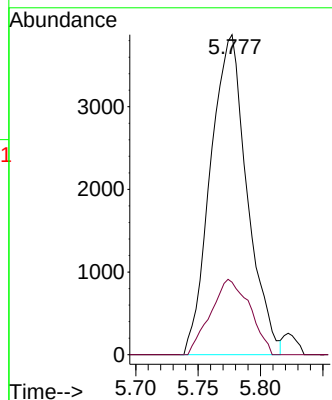
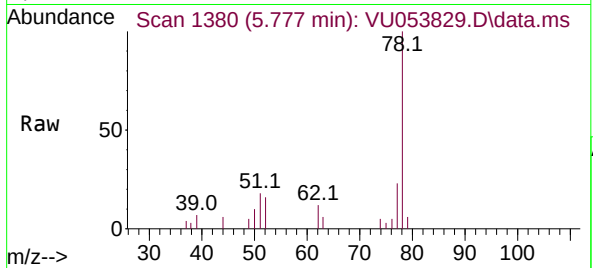
77 22.6 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#36

1,2-Dichloroethane

Concen: 0.220 ug/l

RT: 5.796 min Scan# 1386

Delta R.T. 0.006 min

Lab File: VU053829.D

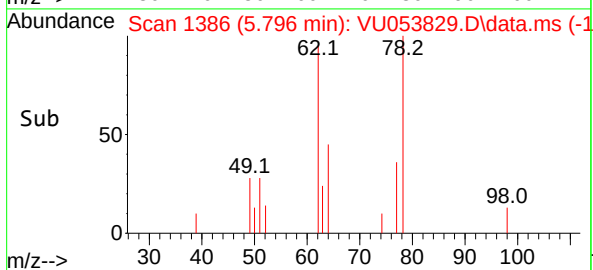
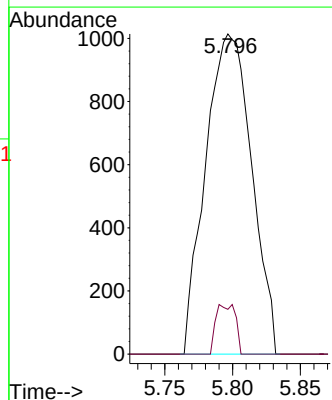
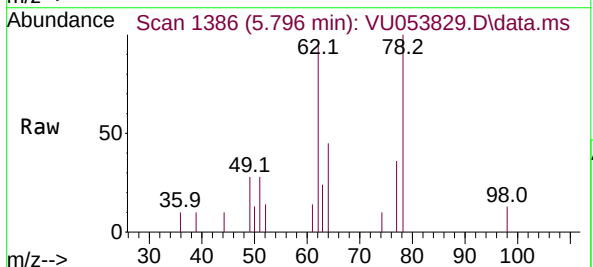
Acq: 21 Apr 2023 17:06

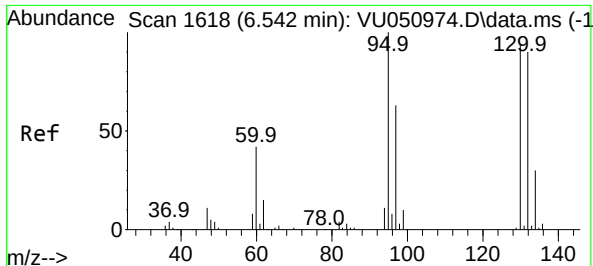
Tgt Ion: 62 Resp: 2398

Ion Ratio Lower Upper

62 100

98 6.6 7.3 10.9#





#37

Trichloroethene

Concen: 0.249 ug/l

RT: 6.539 min Scan# 1617

Delta R.T. 0.003 min

Lab File: VU053829.D

Acq: 21 Apr 2023 17:06

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2023

Tgt Ion:130 Resp: 245

Ion Ratio Lower Upper

130 100

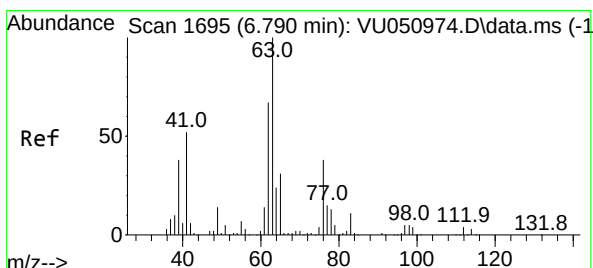
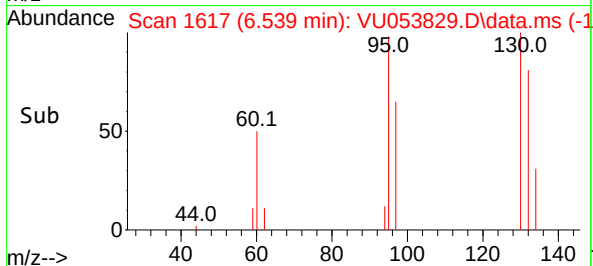
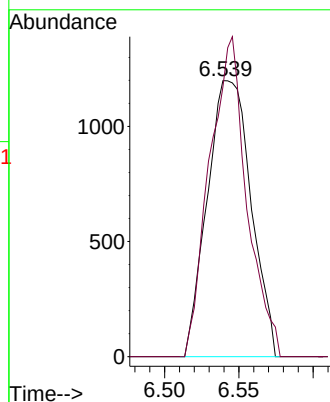
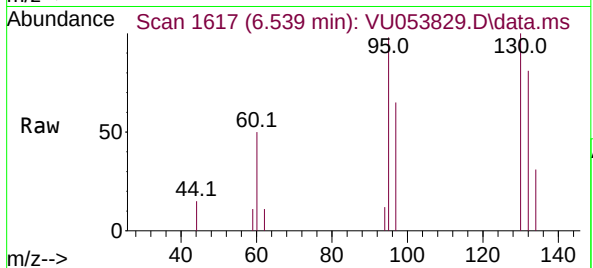
95 97.7 85.0 127.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#38

1,2-Dichloropropane

Concen: 0.227 ug/l

RT: 6.793 min Scan# 1696

Delta R.T. 0.003 min

Lab File: VU053829.D

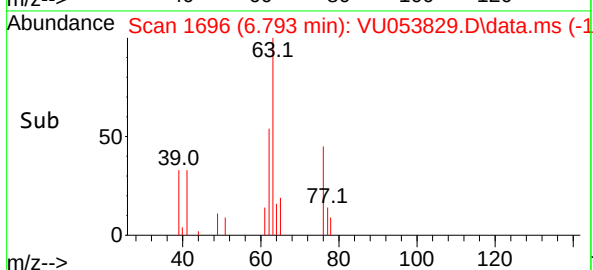
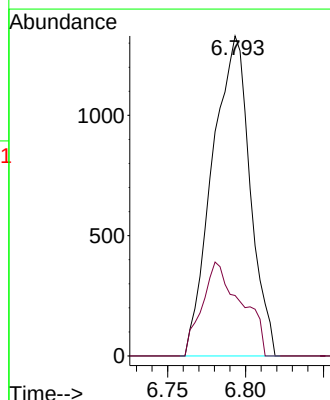
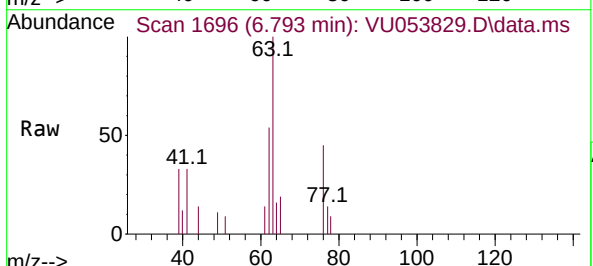
Acq: 21 Apr 2023 17:06

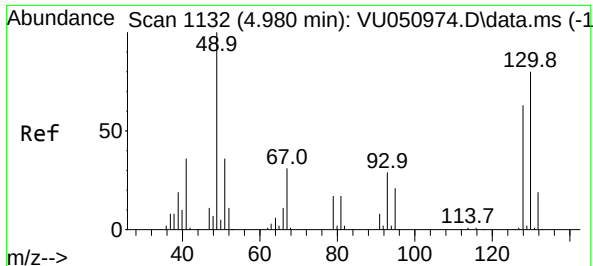
Tgt Ion: 63 Resp: 2243

Ion Ratio Lower Upper

63 100

65 18.9 24.9 37.3#





#39

Methacrylonitrile

Concen: 0.105 ug/l m

RT: 4.980 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VU053829.D

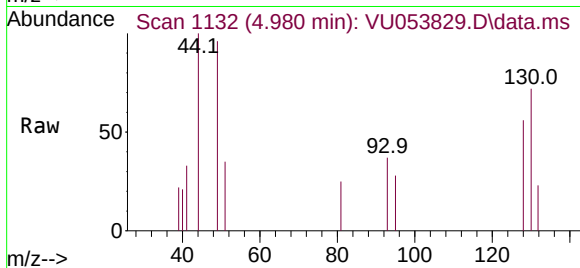
Acq: 21 Apr 2023 17:06

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2023



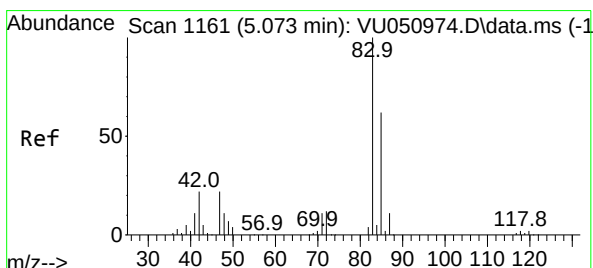
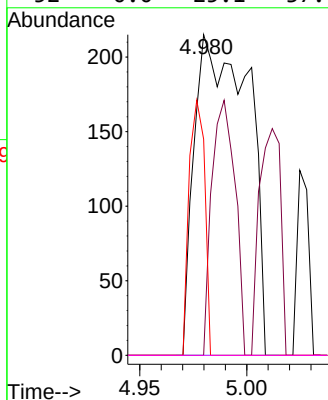
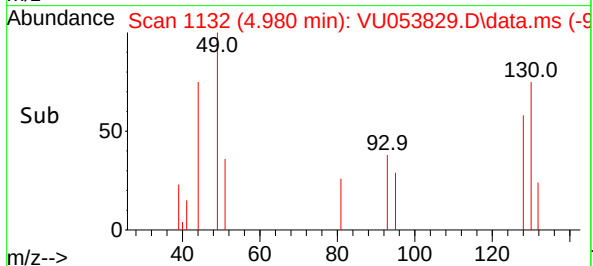
Tgt Ion:	41	Resp:	379
Ion	Ratio	Lower	Upper
41	100		
67	34.7	66.8	100.2
39	23.2	41.2	61.8
52	0.0	25.1	37.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#41

Tetrahydrofuran

Concen: 0.105 ug/l

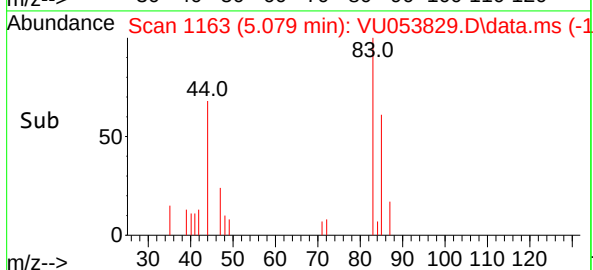
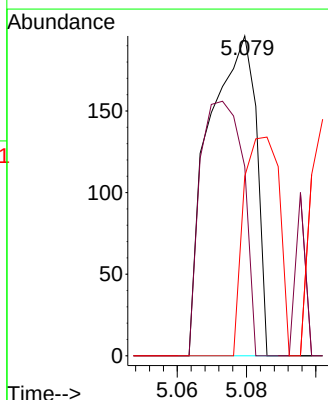
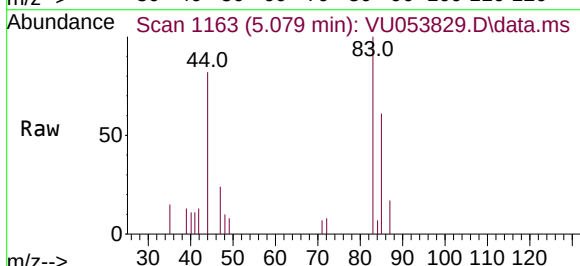
RT: 5.079 min Scan# 1163

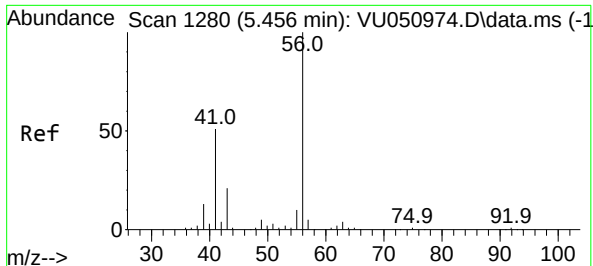
Delta R.T. 0.016 min

Lab File: VU053829.D

Acq: 21 Apr 2023 17:06

Tgt Ion:	42	Resp:	186
Ion	Ratio	Lower	Upper
42	100		
72	72.0	40.9	61.3
71	51.1	36.9	55.3





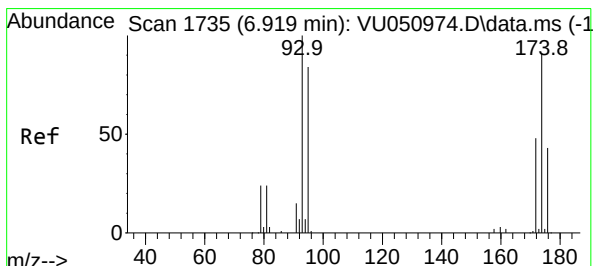
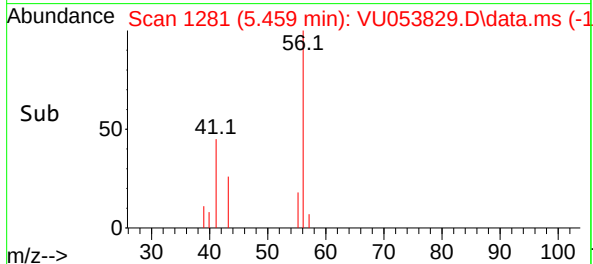
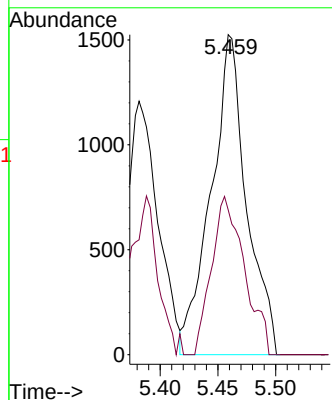
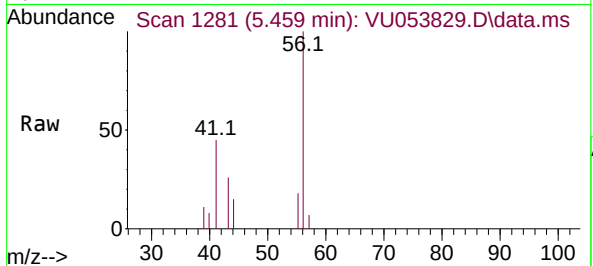
#42
1-Chlorobutane
Concen: 0.212 ug/l
RT: 5.459 min Scan# 1280
Delta R.T. 0.010 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06

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

Tgt Ion: 56 Resp: 325
Ion Ratio Lower Upper
56 100
41 45.8 25.2 75.6

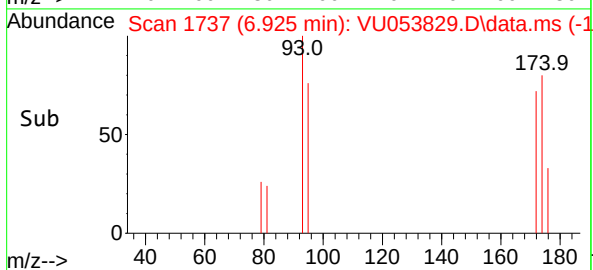
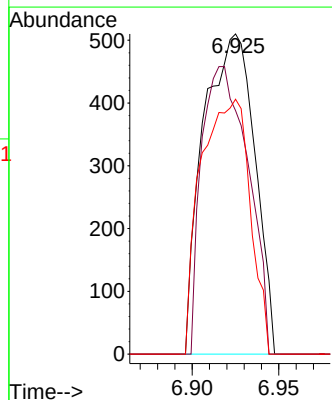
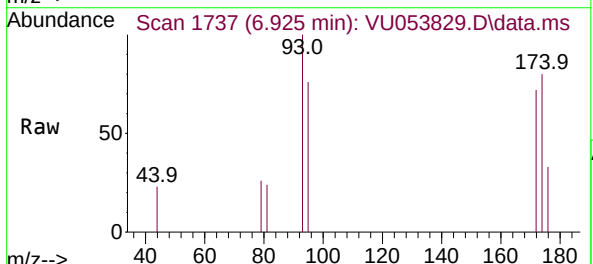
Manual Integrations
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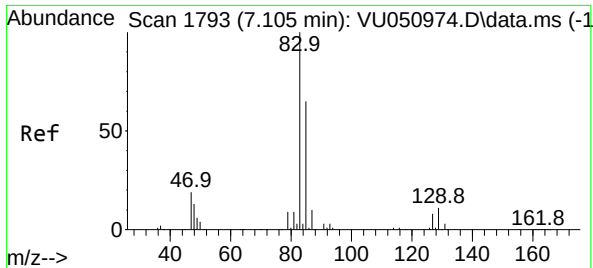
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#43
Dibromomethane
Concen: 0.209 ug/l
RT: 6.925 min Scan# 1737
Delta R.T. 0.010 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06

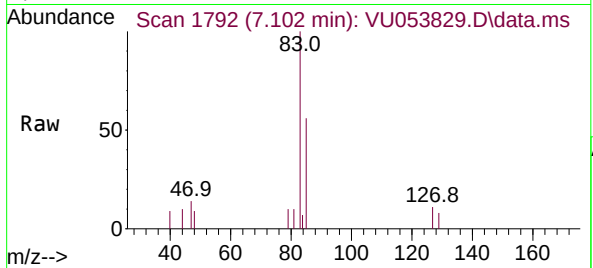
Tgt Ion: 93 Resp: 1049
Ion Ratio Lower Upper
93 100
95 81.2 67.0 100.6
174 76.3 73.8 110.6





#44
Bromodichloromethane
Concen: 0.221 ug/l
RT: 7.102 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06

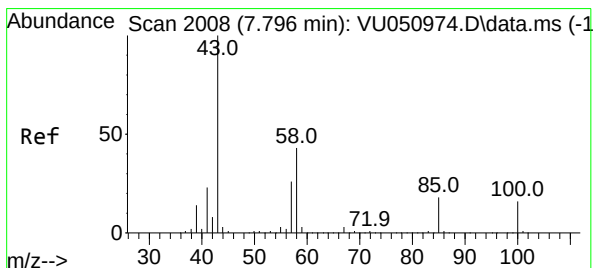
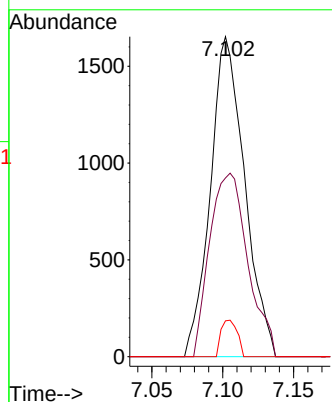
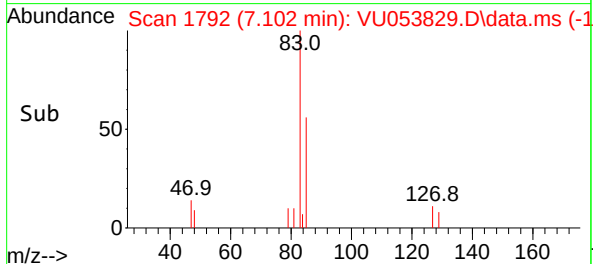
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2023



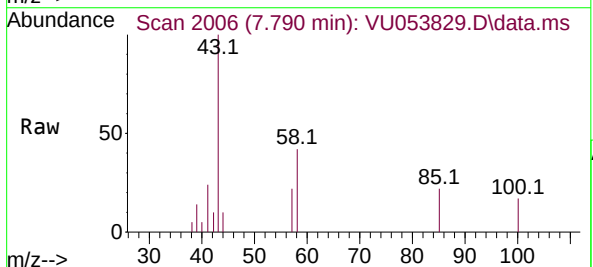
Tgt Ion: 83 Resp: 2785
Ion Ratio Lower Upper
83 100
85 55.8 51.9 77.9
127 11.2 6.7 10.1

Manual Integrations
APPROVED

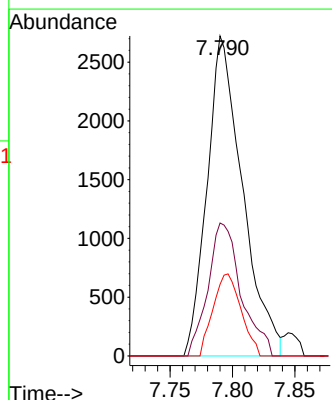
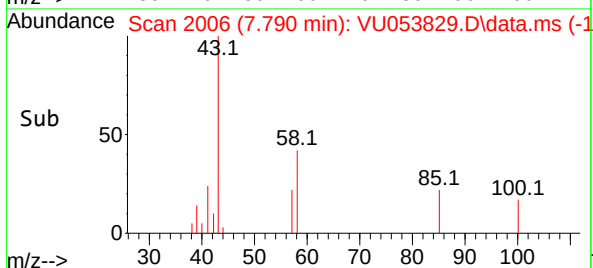
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

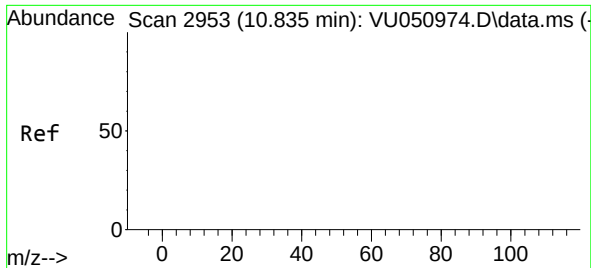


#45
4-Methyl-2-Pentanone
Concen: 1.056 ug/l
RT: 7.790 min Scan# 2006
Delta R.T. -0.006 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06



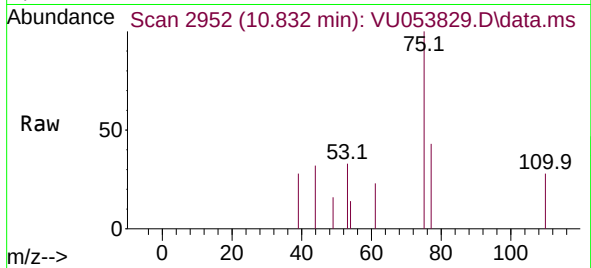
Tgt Ion: 43 Resp: 5378
Ion Ratio Lower Upper
43 100
58 38.9 20.9 62.8
85 20.2 14.6 21.8





#46
t-1,4-Dichloro-2-butene
Concen: 0.368 ug/l m
RT: 10.832 min Scan# 2953
Delta R.T. -0.000 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06

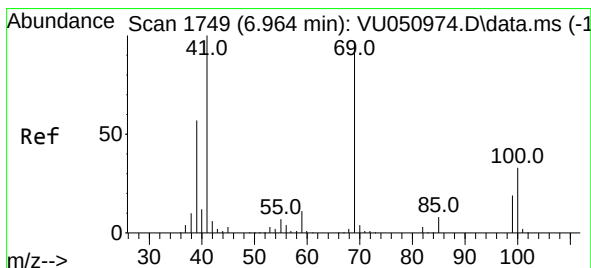
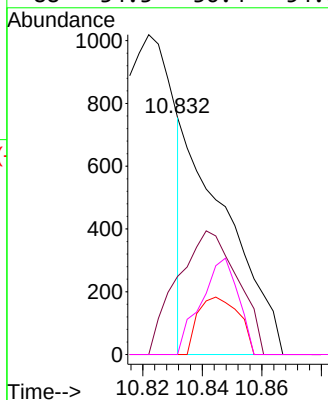
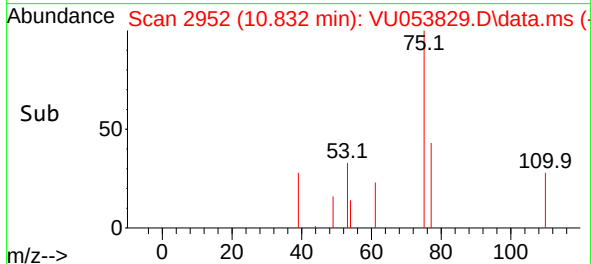
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT2-2023



Tgt Ion: 75 Resp: 778
Ion Ratio Lower Upper
75 100
53 71.3 73.3 109.9
89 22.5 48.2 72.4
88 34.3 36.4 54.6

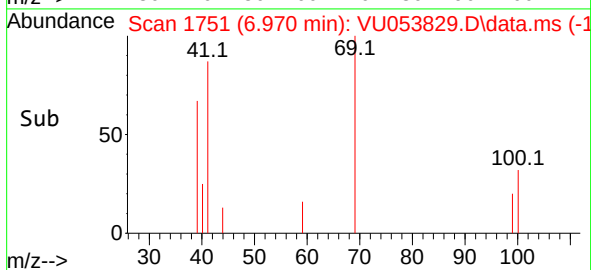
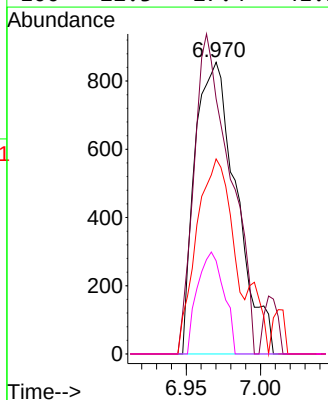
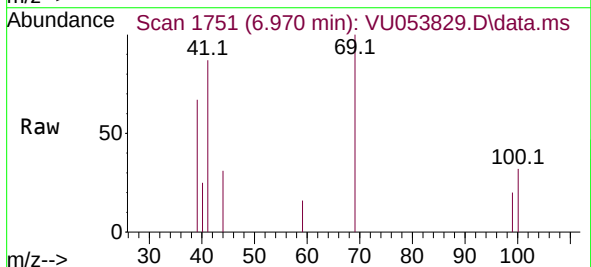
Manual Integrations
APPROVED

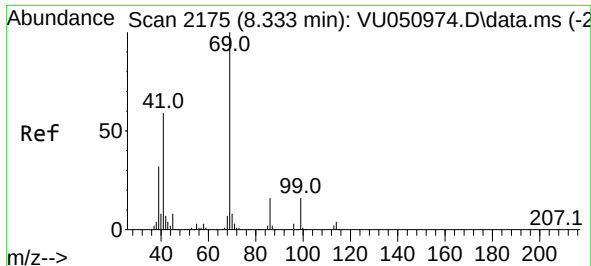
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#47
Methyl methacrylate
Concen: 0.378 ug/l
RT: 6.970 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06

Tgt Ion: 69 Resp: 1662
Ion Ratio Lower Upper
69 100
41 94.9 0.0 209.2
39 58.4 46.7 70.1
100 22.3 27.4 41.2





#48

Ethyl methacrylate

Concen: 0.169 ug/l

RT: 8.337 min Scan# 2175

Delta R.T. 0.003 min

Lab File: VU053829.D

Acq: 21 Apr 2023 17:06

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2023

Tgt Ion: 69 Resp: 146

Ion Ratio Lower Upper

69 100

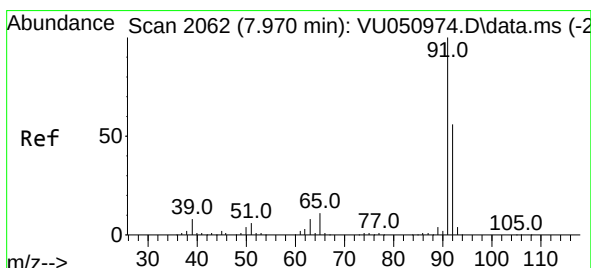
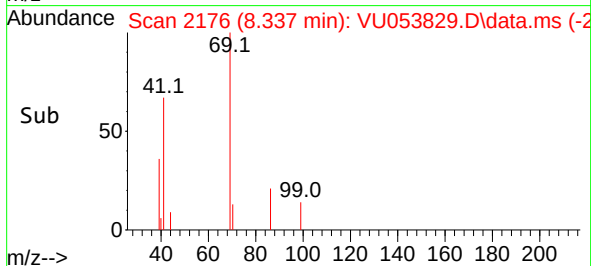
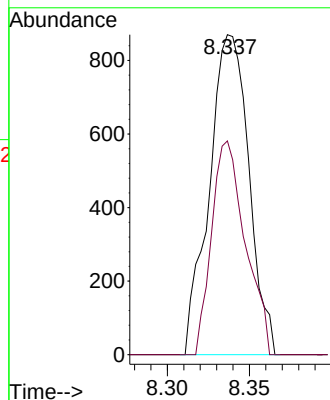
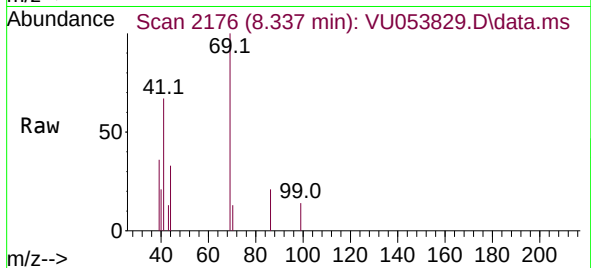
41 56.9 30.3 90.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#49

Toluene

Concen: 0.225 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU053829.D

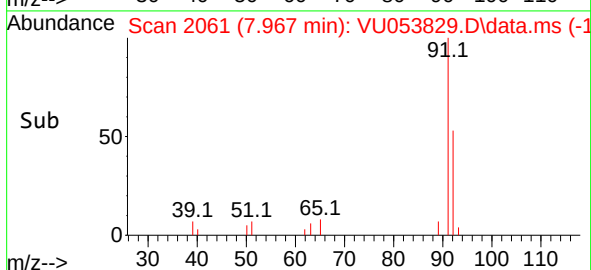
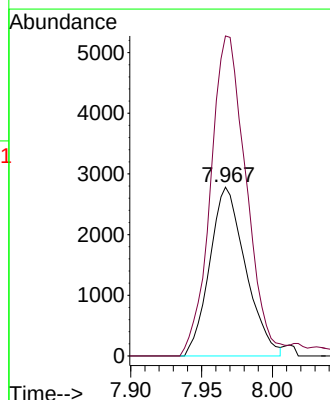
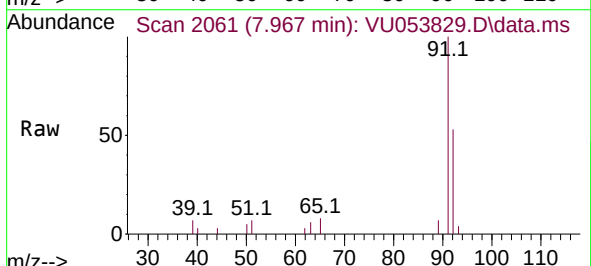
Acq: 21 Apr 2023 17:06

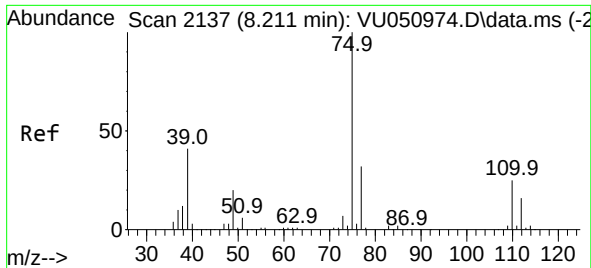
Tgt Ion: 92 Resp: 4911

Ion Ratio Lower Upper

92 100

91 188.4 143.0 214.6





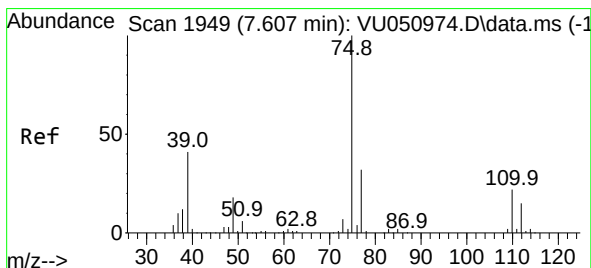
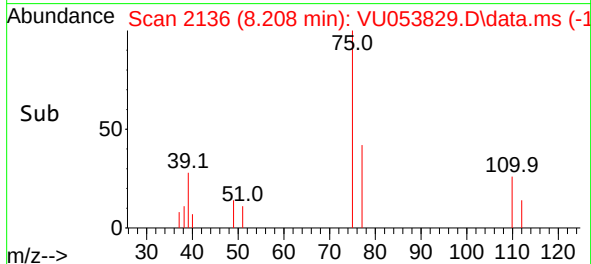
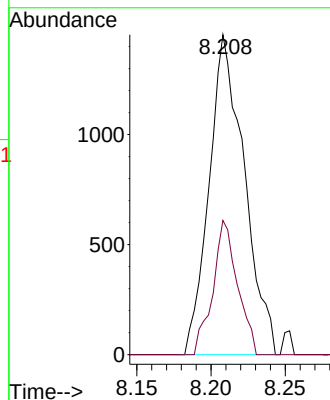
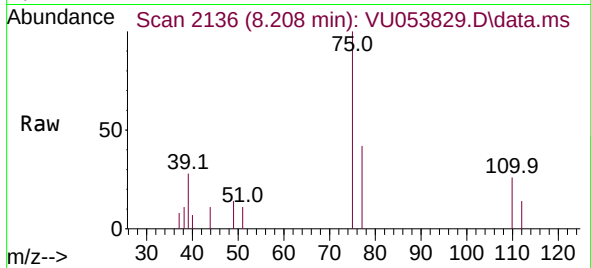
#50
t-1,3-Dichloropropene
Concen: 0.211 ug/l
RT: 8.208 min Scan# 2136
Delta R.T. -0.000 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06

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

Tgt Ion: 75 Resp: 2392
Ion Ratio Lower Upper
75 100
77 42.0 25.3 37.9

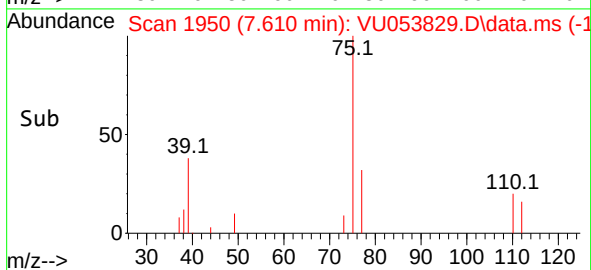
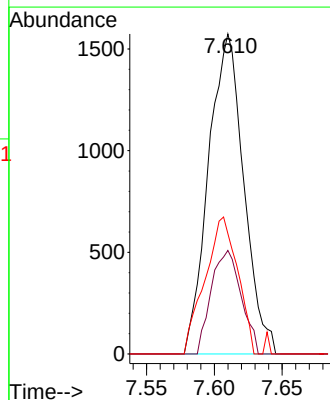
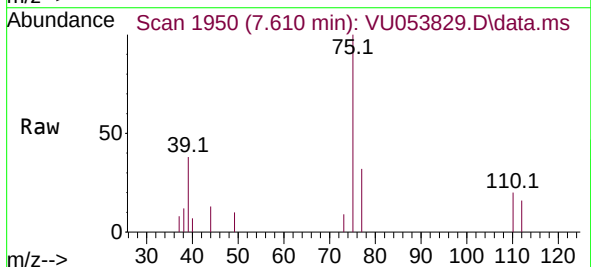
Manual Integrations
APPROVED

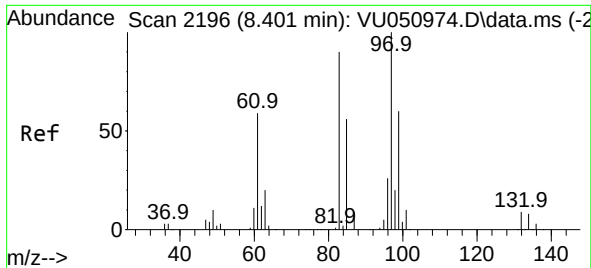
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#51
cis-1,3-Dichloropropene
Concen: 0.210 ug/l
RT: 7.610 min Scan# 1950
Delta R.T. 0.006 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06

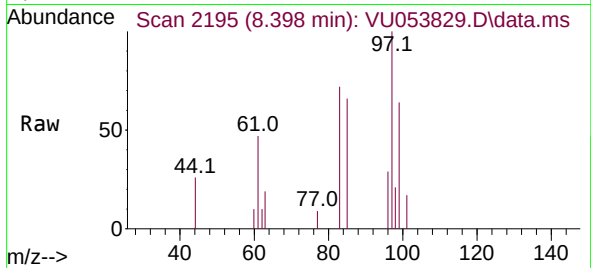
Tgt Ion: 75 Resp: 2847
Ion Ratio Lower Upper
75 100
77 32.3 25.7 38.5
39 37.6 32.8 49.2





#52
1,1,2-Trichloroethane
Concen: 0.246 ug/l
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06

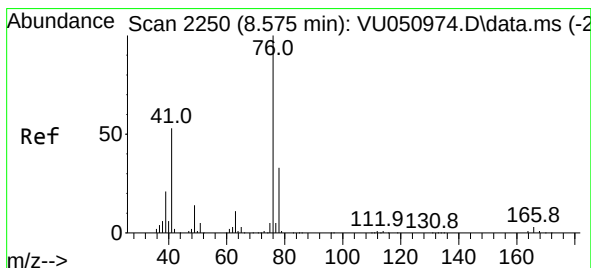
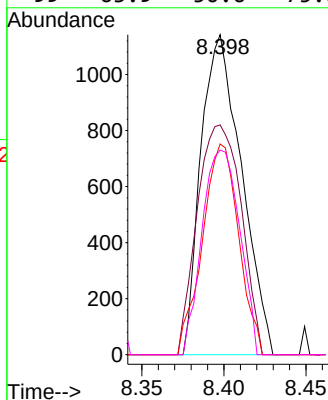
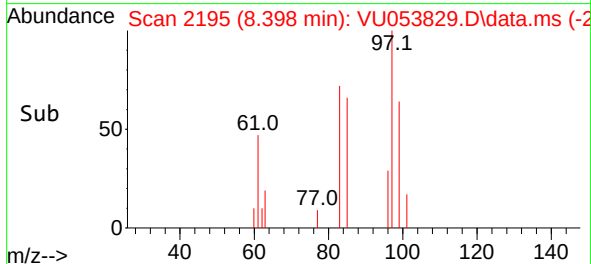
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT2-2023



Tgt Ion	Ratio	Lower	Upper
97	100		
83	71.8	71.8	107.8
85	65.8	45.2	67.8
99	63.9	50.6	75.8

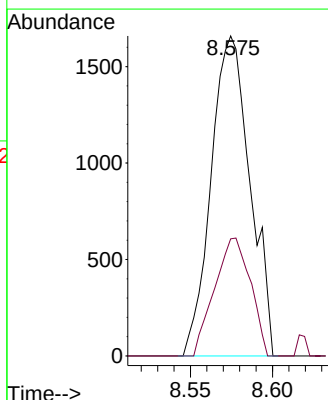
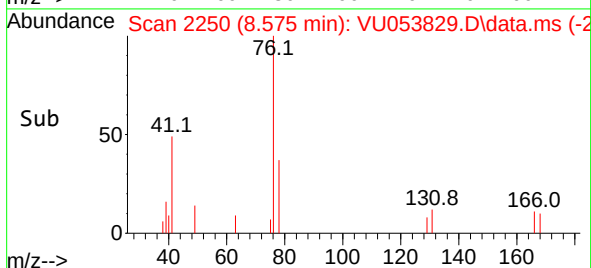
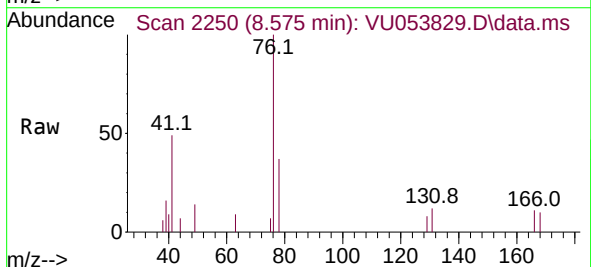
Manual Integrations
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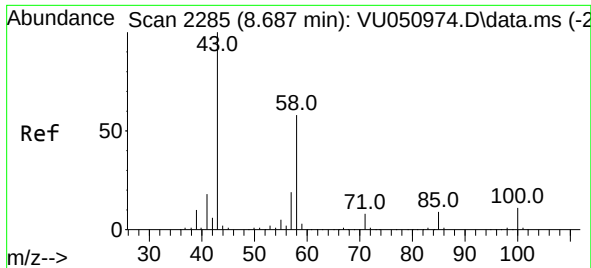
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#53
1,3-Dichloropropane
Concen: 0.220 ug/l
RT: 8.575 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06

Tgt Ion	Ratio	Lower	Upper
76	100		
78	33.9	25.9	38.9





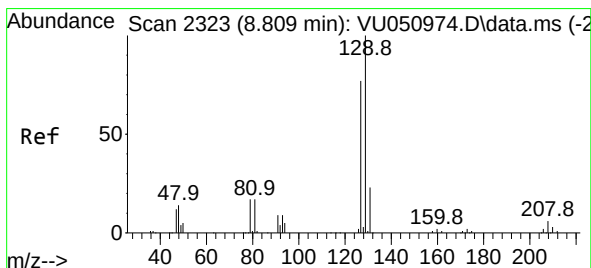
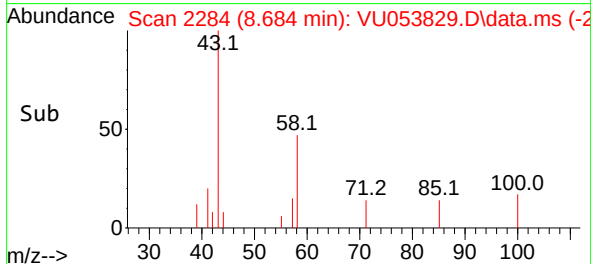
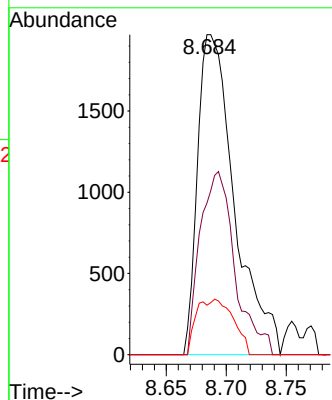
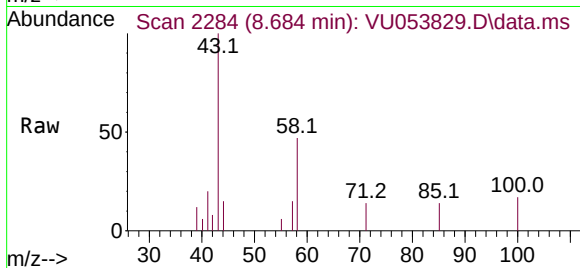
#54
2-Hexanone
Concen: 0.884 ug/l
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06

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

Tgt Ion: 43 Resp: 422
Ion Ratio Lower Upper
43 100
58 53.7 38.2 78.2
57 6.1 0.0 39.1

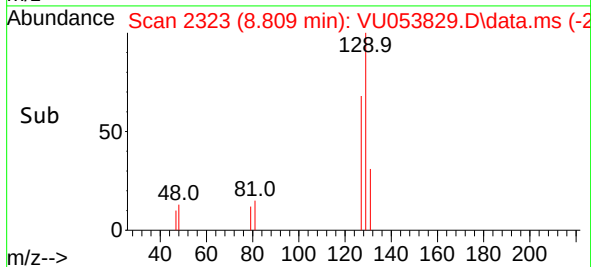
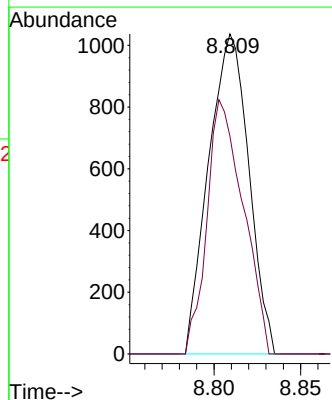
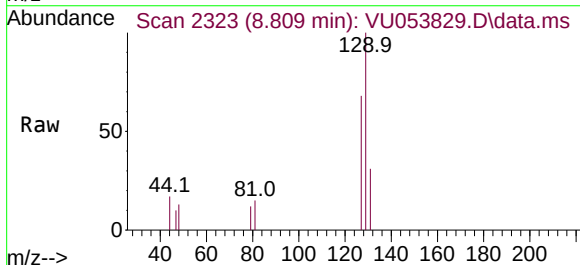
Manual Integrations
APPROVED

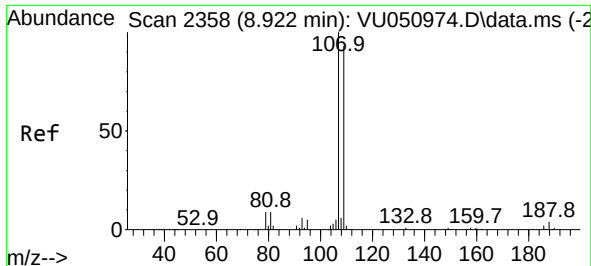
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#55
Dibromochloromethane
Concen: 0.200 ug/l
RT: 8.809 min Scan# 2323
Delta R.T. 0.003 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06

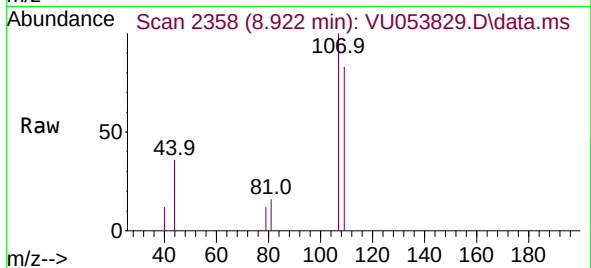
Tgt Ion:129 Resp: 1673
Ion Ratio Lower Upper
129 100
127 71.7 61.4 92.0





#56
1,2-Dibromoethane
Concen: 0.238 ug/l
RT: 8.922 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06

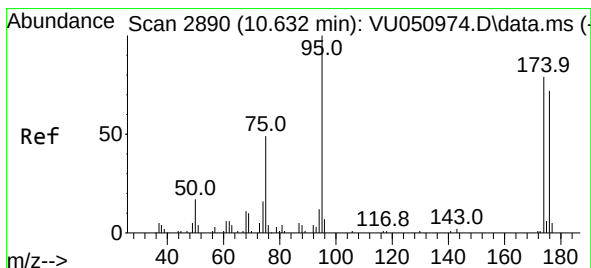
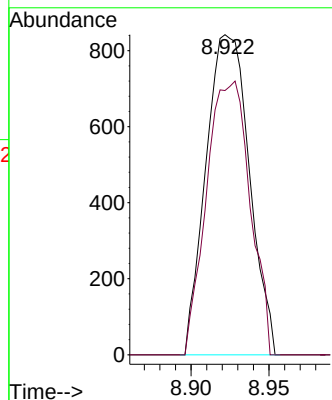
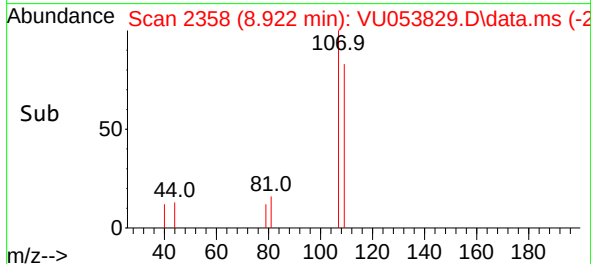
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2023



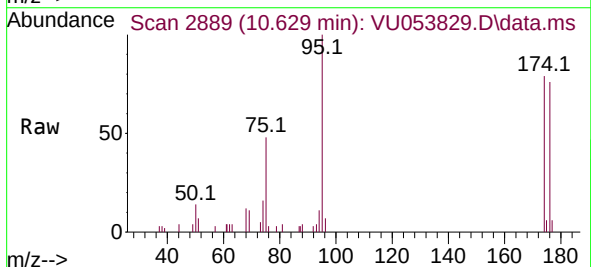
Tgt Ion: 107 Resp: 1634
Ion Ratio Lower Upper
107 100
109 85.5 0.0 184.4

Manual Integrations
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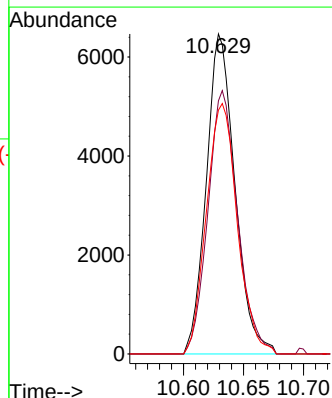
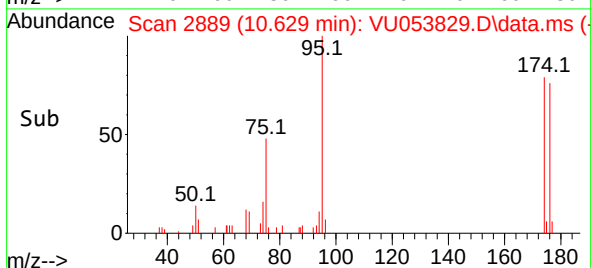
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

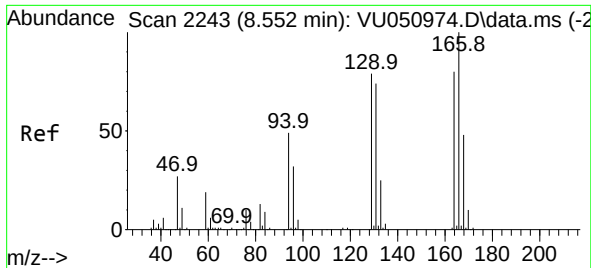


#57
4-Bromofluorobenzene
Concen: 0.873 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. -0.003 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06



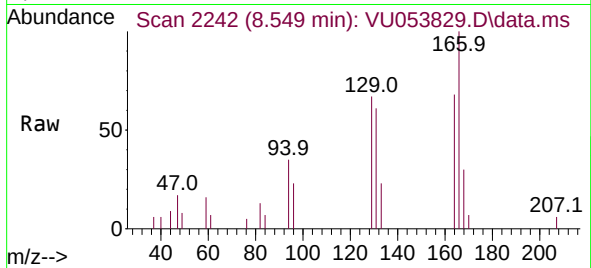
Tgt Ion: 95 Resp: 10744
Ion Ratio Lower Upper
95 100
174 85.0 63.3 94.9
176 84.4 59.3 88.9





#58
Tetrachloroethene
Concen: 0.240 ug/l
RT: 8.549 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06

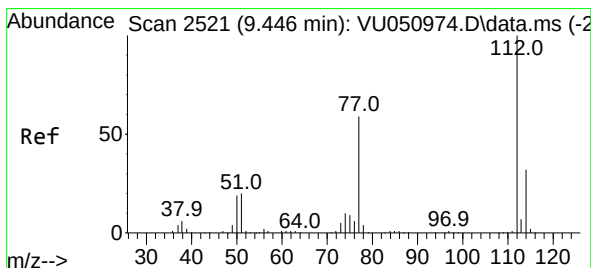
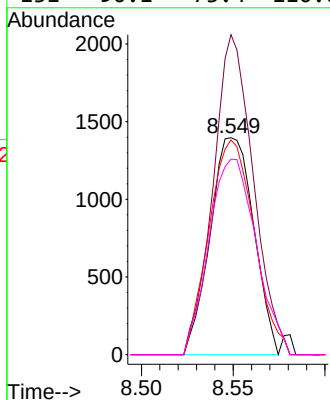
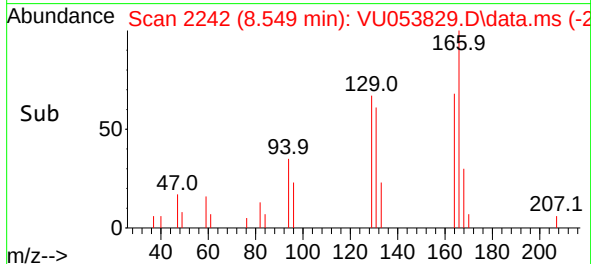
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion:164 Resp: 229
Ion Ratio Lower Upper
164 100
166 147.5 99.6 149.4
129 98.9 78.6 117.8
131 90.1 73.4 110.0

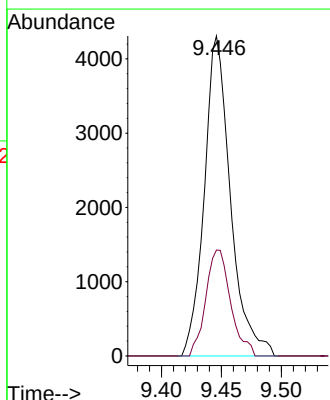
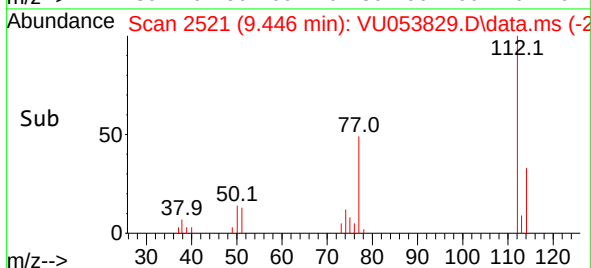
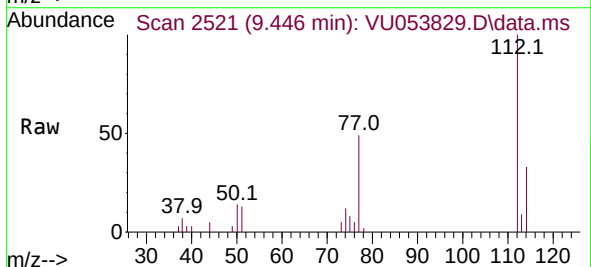
Manual Integrations
APPROVED

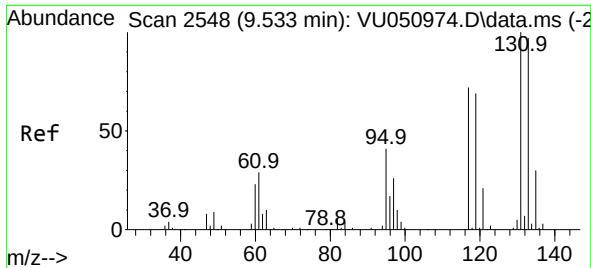
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#59
Chlorobenzene
Concen: 0.241 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06

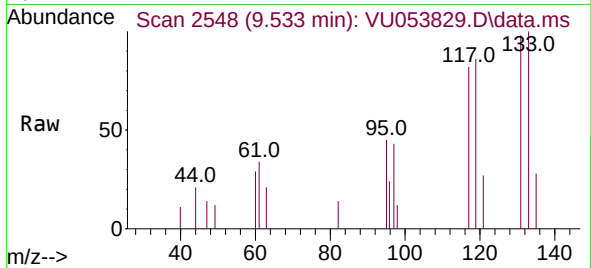
Tgt Ion:112 Resp: 6545
Ion Ratio Lower Upper
112 100
114 33.1 25.6 38.4





#60
1,1,1,2-Tetrachloroethane
Concen: 0.181 ug/l
RT: 9.533 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06

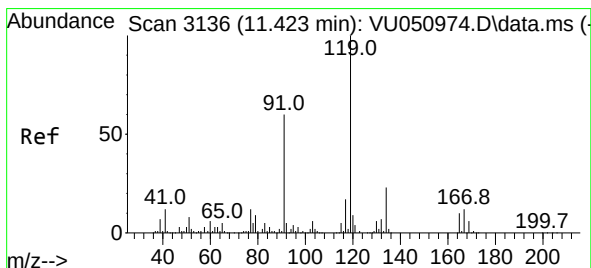
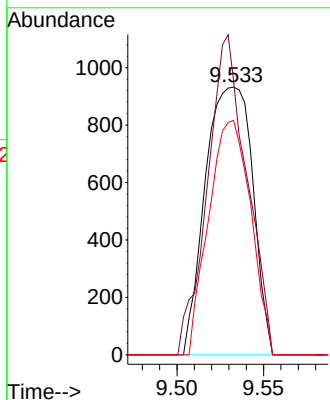
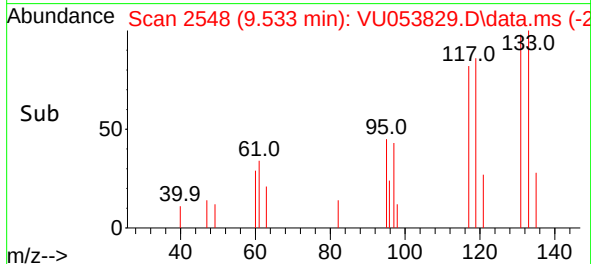
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion:131 Resp: 1772
Ion Ratio Lower Upper
131 100
133 99.0 77.8 116.6
119 77.6 55.2 82.8

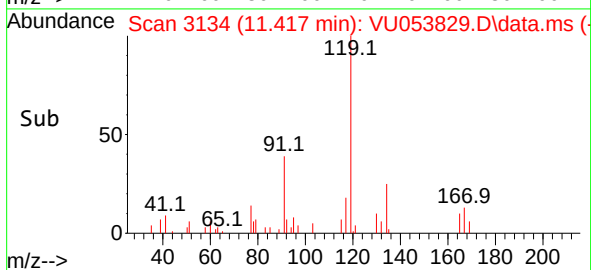
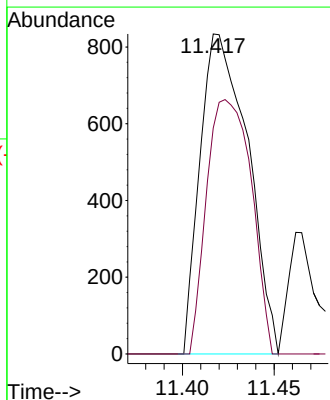
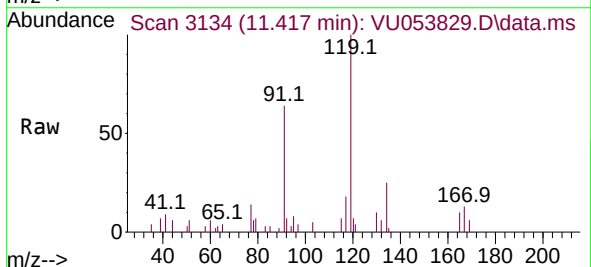
Manual Integrations
APPROVED

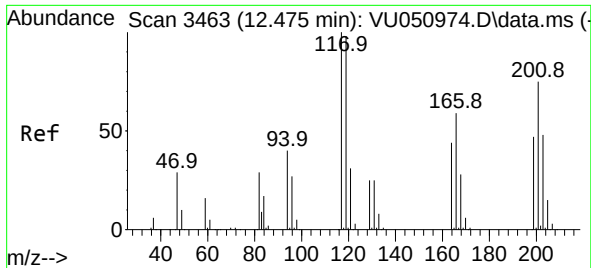
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#61
Pentachloroethane
Concen: 0.199 ug/l
RT: 11.417 min Scan# 3134
Delta R.T. -0.006 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06

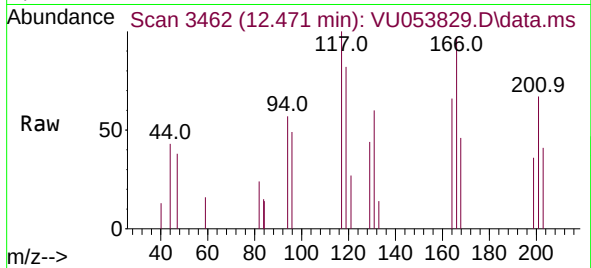
Tgt Ion:117 Resp: 1506
Ion Ratio Lower Upper
117 100
167 74.6 56.7 85.1





#62
Hexachloroethane
Concen: 0.183 ug/l
RT: 12.471 min Scan# 3462
Delta R.T. -0.000 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06

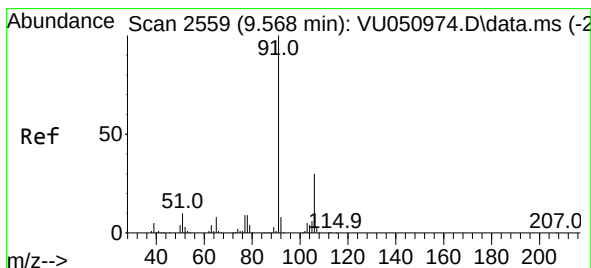
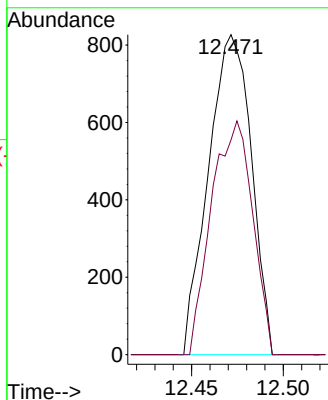
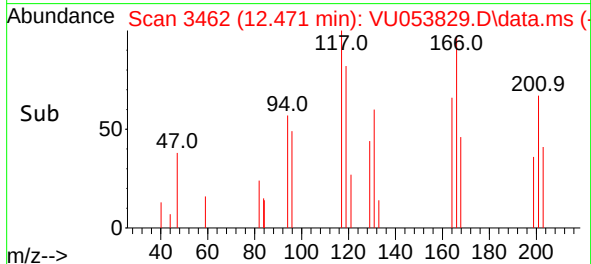
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT2-2023



Tgt Ion: 117 Resp: 1349
Ion Ratio Lower Upper
117 100
201 70.1 59.6 89.4

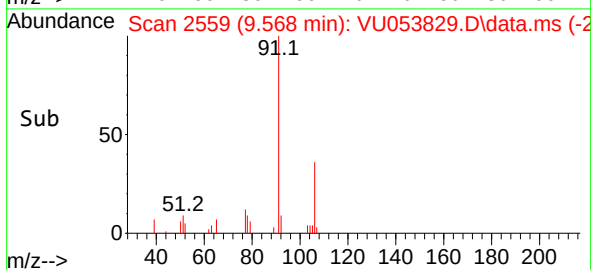
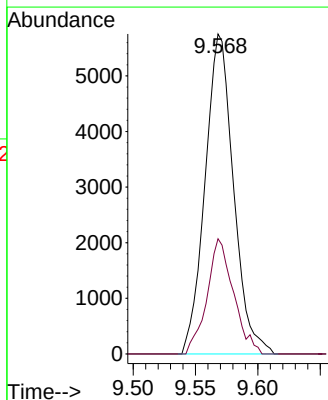
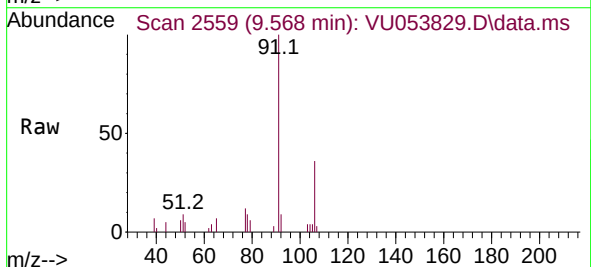
Manual Integrations
APPROVED

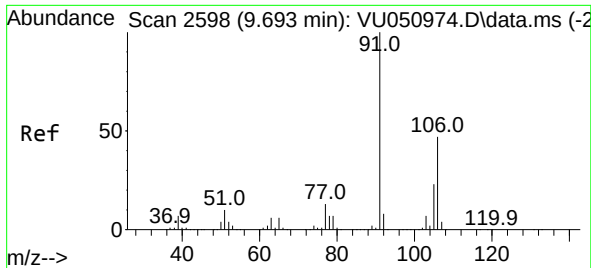
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#63
Ethyl Benzene
Concen: 0.213 ug/l
RT: 9.568 min Scan# 2559
Delta R.T. 0.003 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06

Tgt Ion: 91 Resp: 9136
Ion Ratio Lower Upper
91 100
106 36.0 24.2 36.2





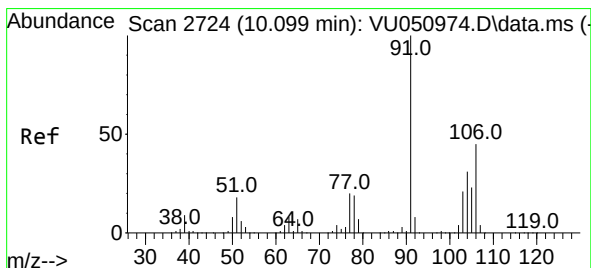
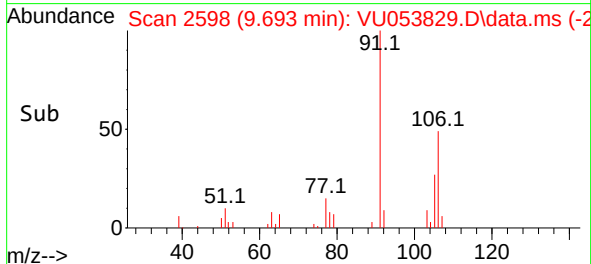
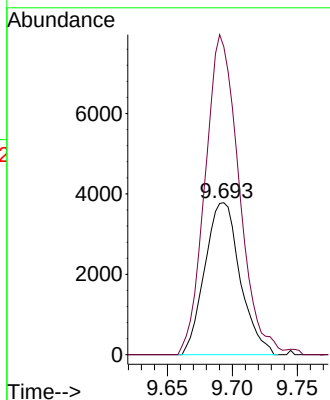
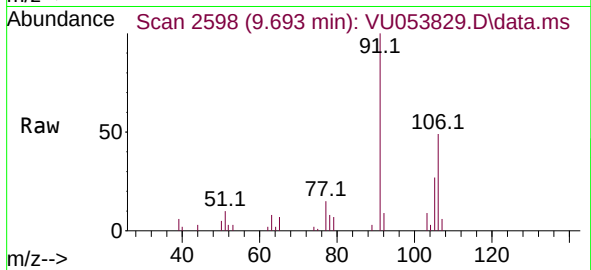
#64
m/p-Xylenes
Concen: 0.423 ug/l
RT: 9.693 min Scan# 2154
Delta R.T. 0.003 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06

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

Tgt Ion:106 Resp: 7154
Ion Ratio Lower Upper
106 100
91 201.9 167.3 250.9

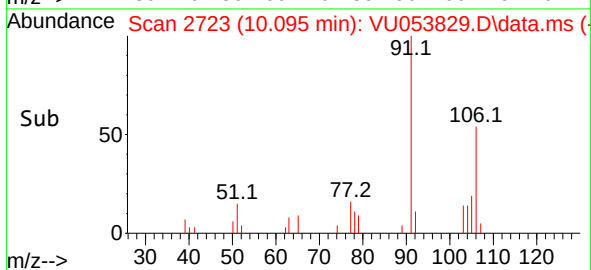
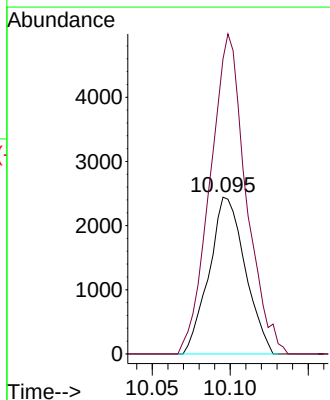
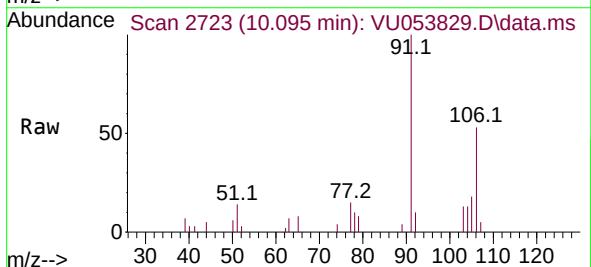
Manual Integrations
APPROVED

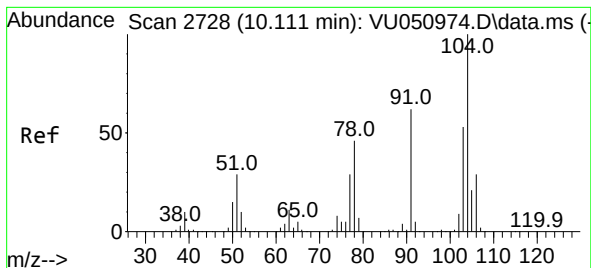
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#65
o-Xylene
Concen: 0.230 ug/l
RT: 10.095 min Scan# 2723
Delta R.T. -0.003 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06

Tgt Ion:106 Resp: 3927
Ion Ratio Lower Upper
106 100
91 204.1 109.3 327.9





#66

Styrene

Concen: 0.214 ug/l

RT: 10.118 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU053829.D

Acq: 21 Apr 2023 17:06

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2023

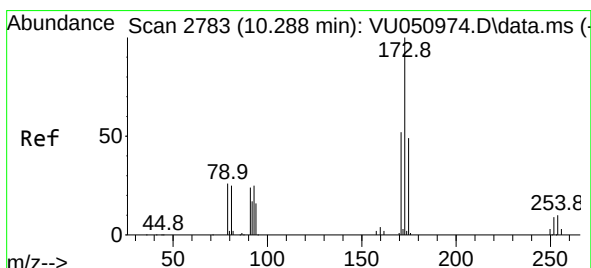
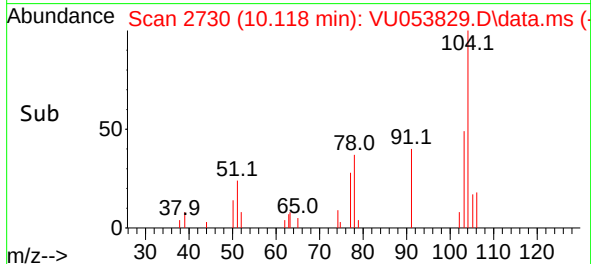
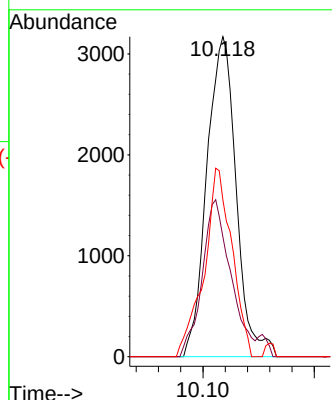
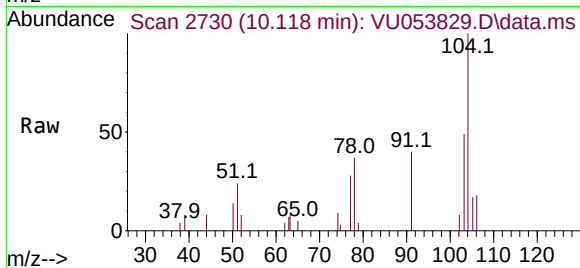
Tgt Ion:	104	Resp:	5800
Ion Ratio	Lower	Upper	
104	100		
78	47.9	39.7	59.5
103	55.8	44.8	67.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#67

Bromoform

Concen: 0.185 ug/l

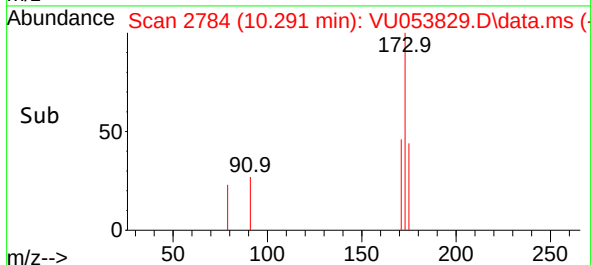
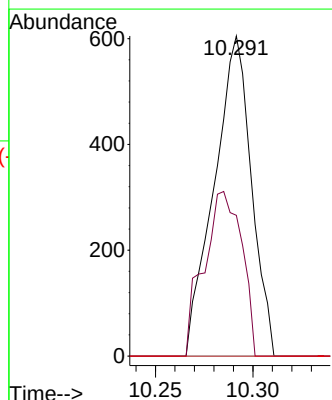
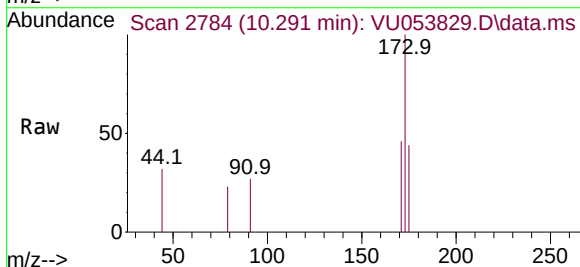
RT: 10.291 min Scan# 2784

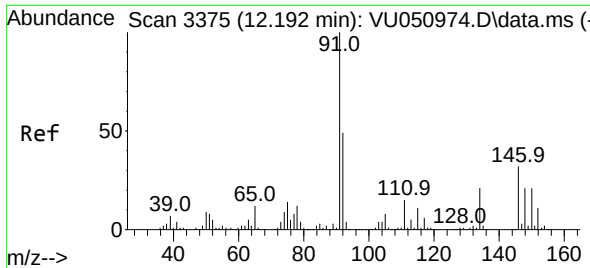
Delta R.T. 0.003 min

Lab File: VU053829.D

Acq: 21 Apr 2023 17:06

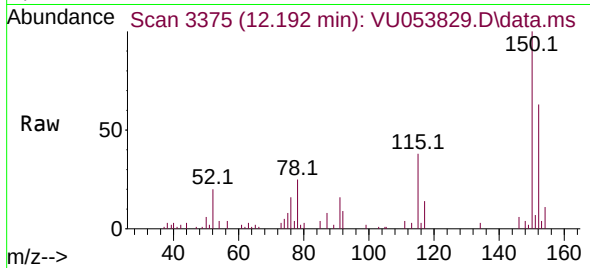
Tgt Ion:	173	Resp:	803
Ion Ratio	Lower	Upper	
173	100		
175	52.3	39.0	58.6
254	0.0	7.4	11.0





#68
1,2-Dichlorobenzene-d4
Concen: 0.861 ug/l
RT: 12.192 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06

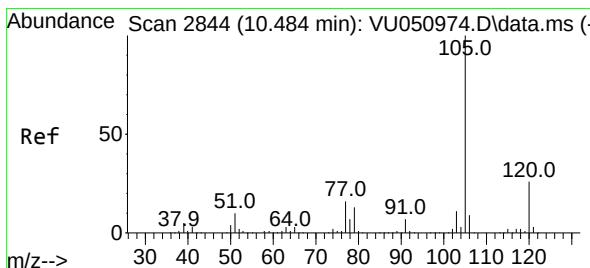
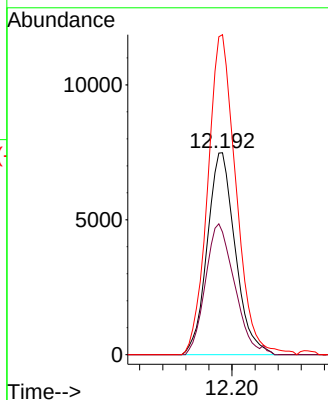
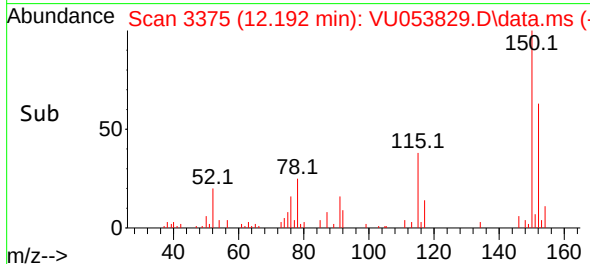
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2023



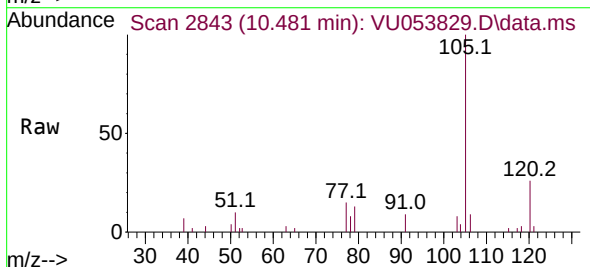
Tgt Ion:152 Resp: 12600
Ion Ratio Lower Upper
152 100
115 67.5 0.0 308.8
150 160.2 0.0 635.0

Manual Integrations
APPROVED

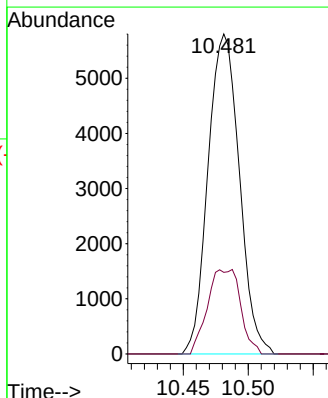
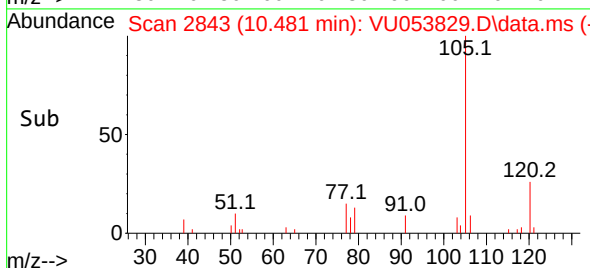
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

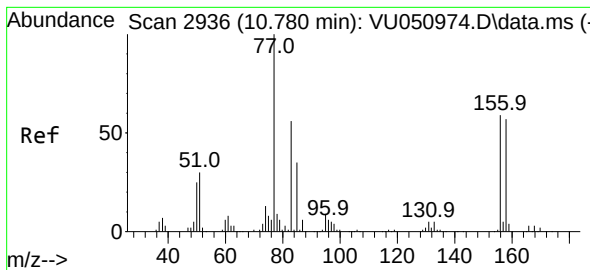


#69
Isopropylbenzene
Concen: 0.218 ug/l
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06



Tgt Ion:105 Resp: 9715
Ion Ratio Lower Upper
105 100
120 27.8 12.8 38.4





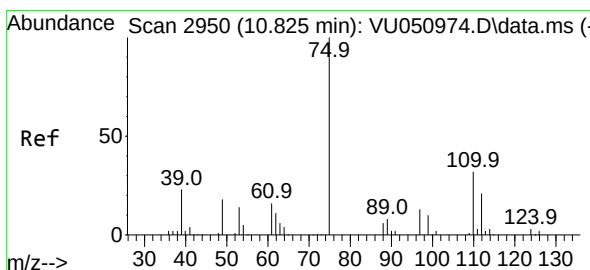
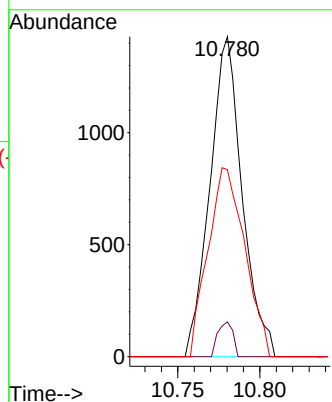
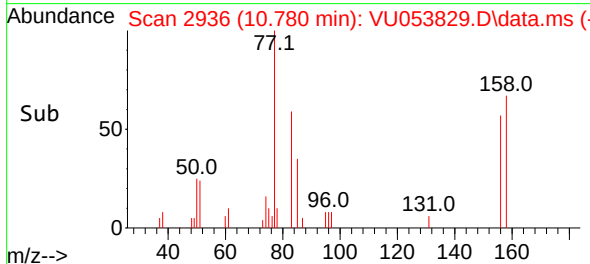
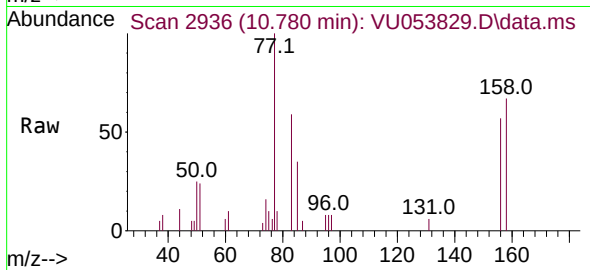
#70
1,1,2,2-Tetrachloroethane
Concen: 0.190 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06

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

Tgt Ion: 83 Resp: 1948
Ion Ratio Lower Upper
83 100
131 5.1 7.2 10.8
85 67.5 50.5 75.7

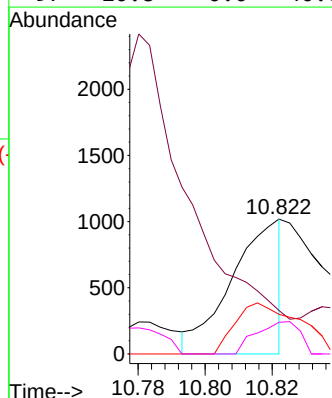
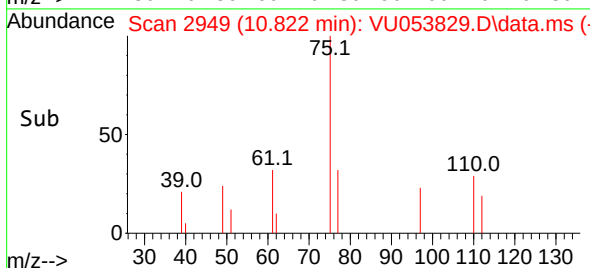
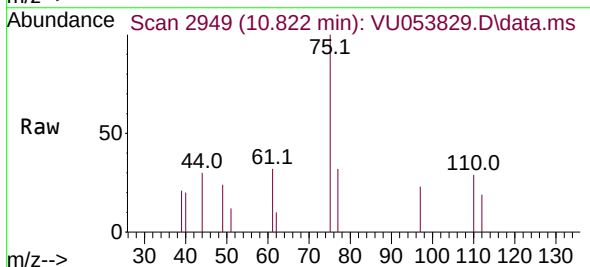
Manual Integrations
APPROVED

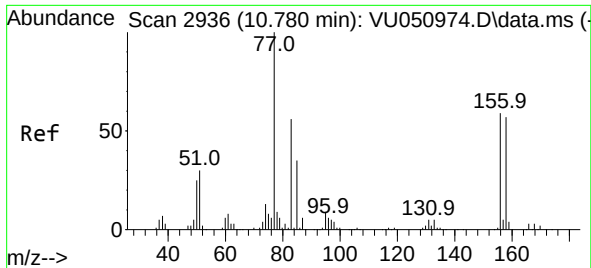
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#71
1,2,3-Trichloropropane
Concen: 0.143 ug/l m
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06

Tgt Ion: 75 Resp: 1056
Ion Ratio Lower Upper
75 100
77 19.3 0.0 116.4
110 48.2 0.0 74.6
97 20.8 0.0 40.0





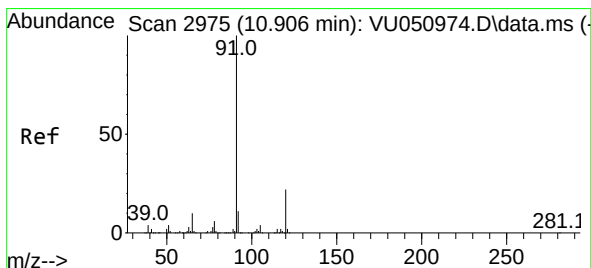
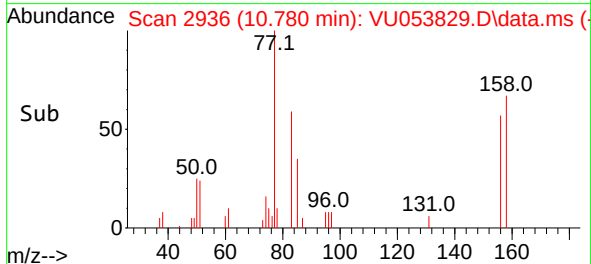
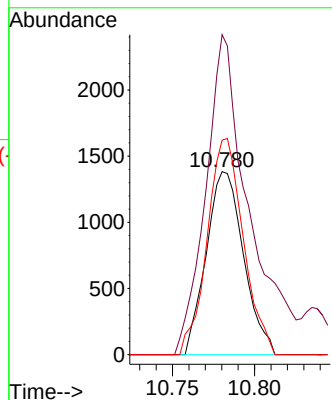
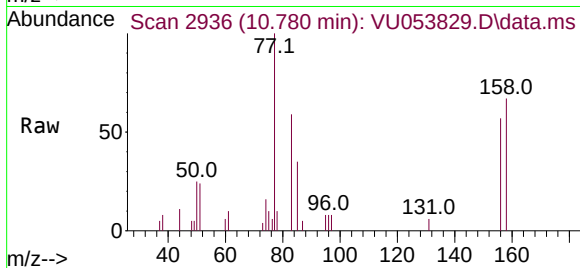
#72
Bromobenzene
Concen: 0.191 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06

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

Tgt Ion	Ratio	Lower	Upper
156	100		
77	201.0	0.0	343.0
158	114.3	0.0	194.8

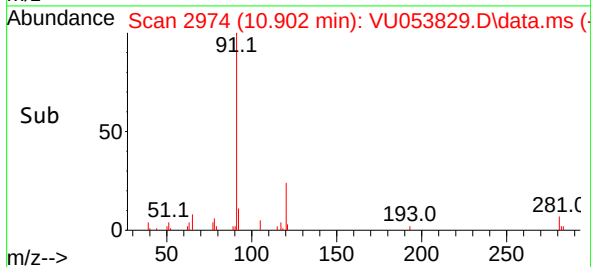
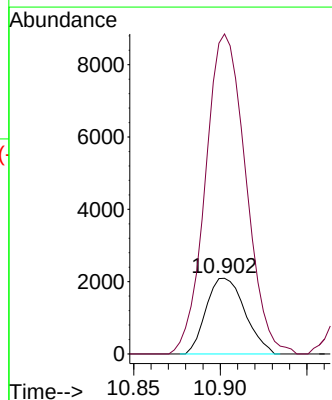
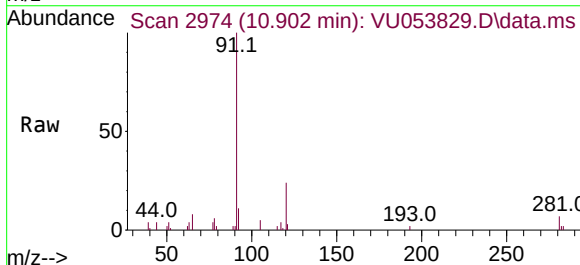
Manual Integrations
APPROVED

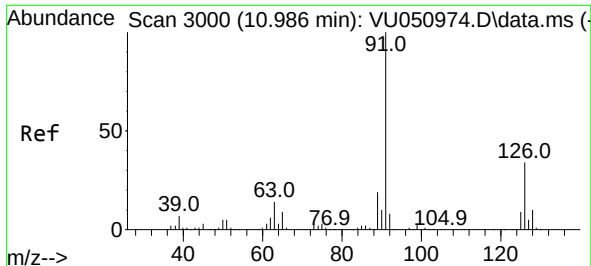
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#73
n-propylbenzene
Concen: 0.263 ug/l
RT: 10.902 min Scan# 2974
Delta R.T. -0.000 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06

Tgt Ion	Ratio	Lower	Upper
120	100		
91	439.7	369.8	554.6





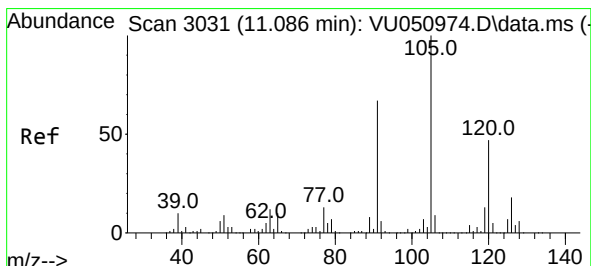
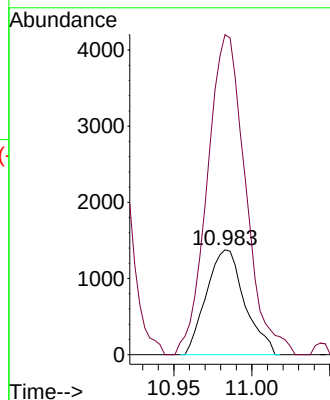
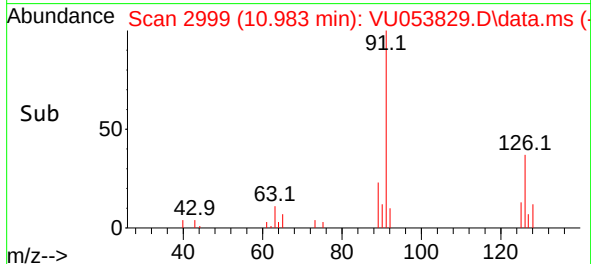
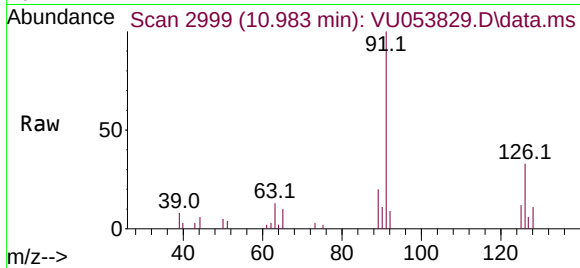
#74
2-Chlorotoluene
Concen: 0.201 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. -0.000 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06

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

Tgt Ion:126 Resp: 2350
Ion Ratio Lower Upper
126 100
91 303.9 0.0 610.0

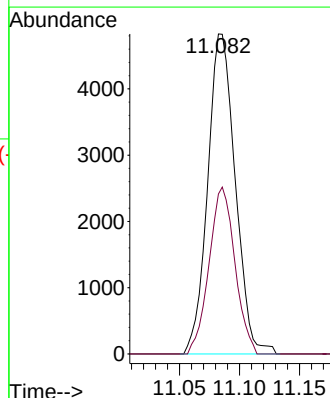
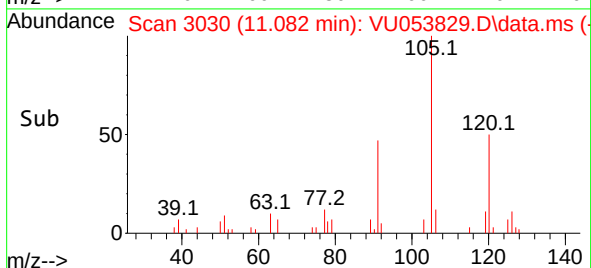
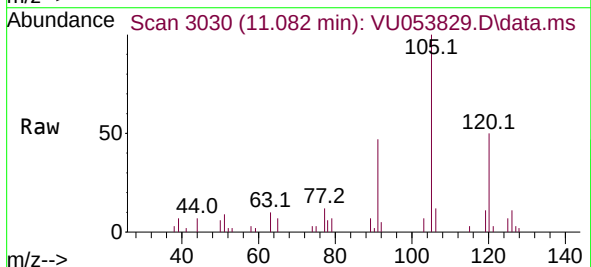
Manual Integrations
APPROVED

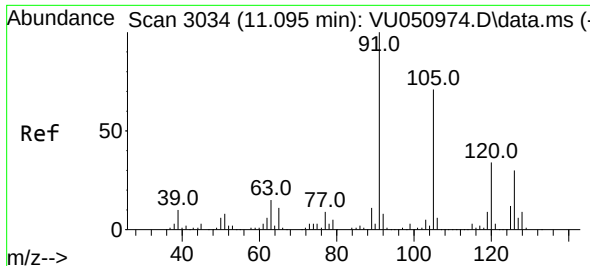
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#75
1,3,5-Trimethylbenzene
Concen: 0.198 ug/l
RT: 11.082 min Scan# 3030
Delta R.T. -0.003 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06

Tgt Ion:105 Resp: 7722
Ion Ratio Lower Upper
105 100
120 48.8 37.8 56.8





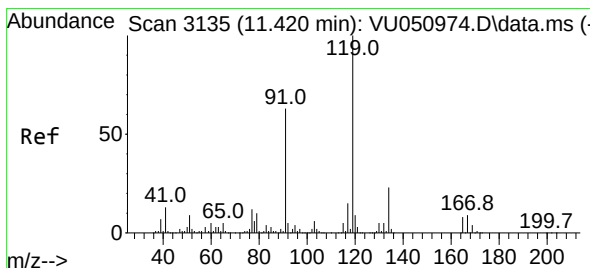
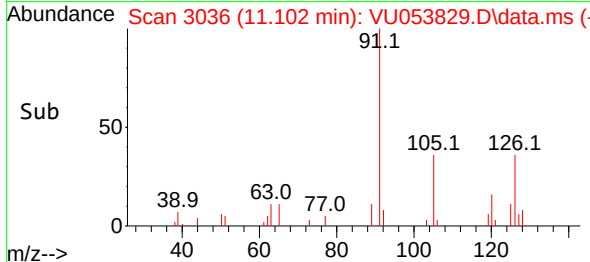
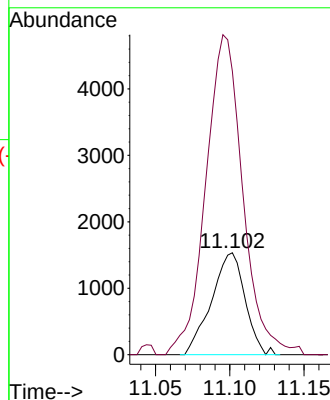
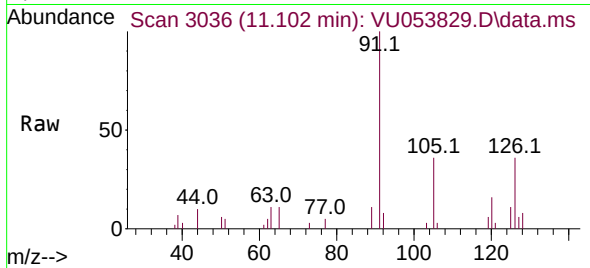
#76
4-Chlorotoluene
Concen: 0.202 ug/l
RT: 11.102 min Scan# 3034
Delta R.T. 0.010 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06

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

Tgt Ion:126 Resp: 241
Ion Ratio Lower Upper
126 100
91 345.9 0.0 686.2

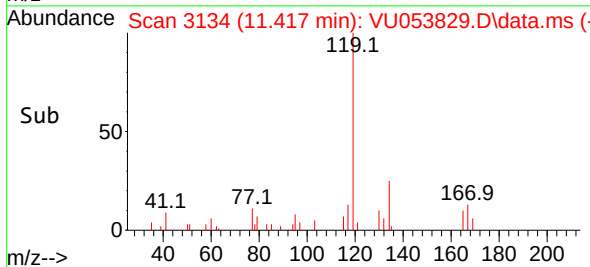
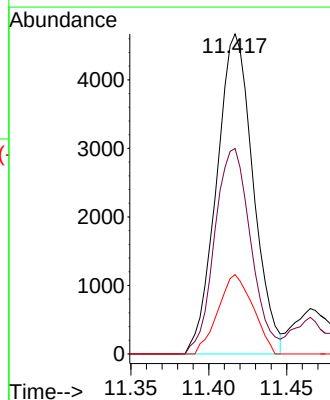
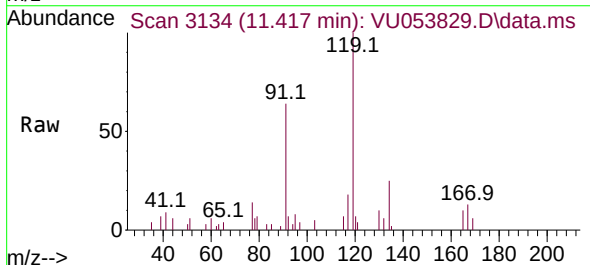
Manual Integrations
APPROVED

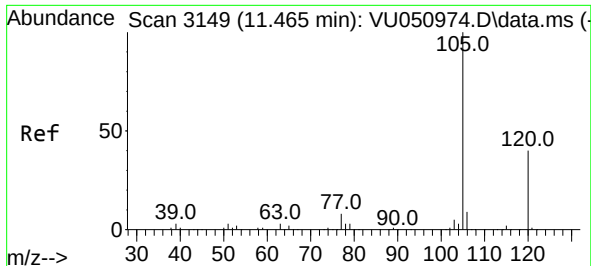
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#77
tert-Butylbenzene
Concen: 0.195 ug/l
RT: 11.417 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06

Tgt Ion:119 Resp: 7618
Ion Ratio Lower Upper
119 100
91 63.9 30.8 92.4
134 23.7 18.0 27.0





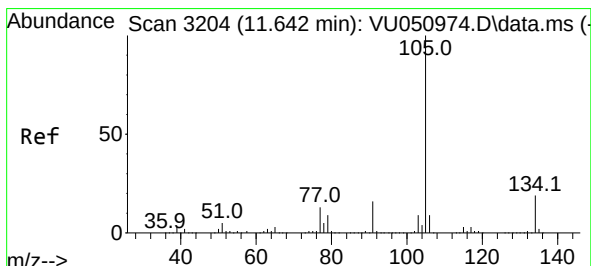
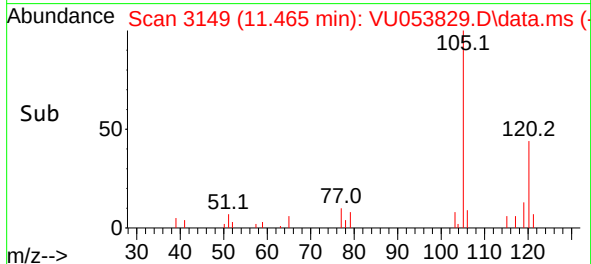
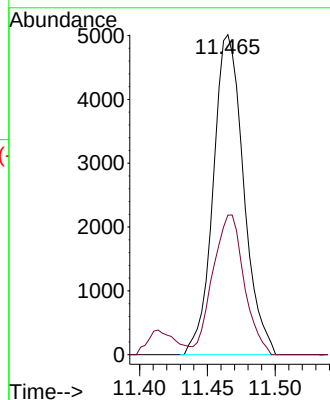
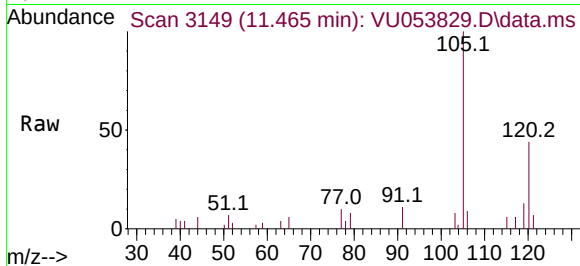
#78
1,2,4-Trimethylbenzene
Concen: 0.197 ug/l
RT: 11.465 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06

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

Tgt Ion:105 Resp: 783
Ion Ratio Lower Upper
105 100
120 44.9 21.9 65.8

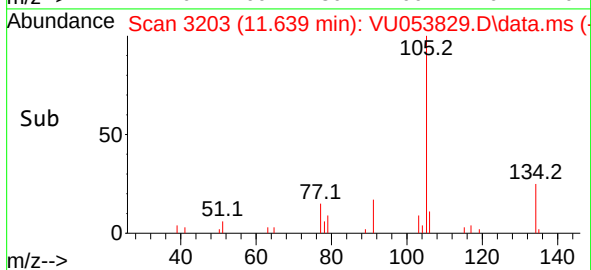
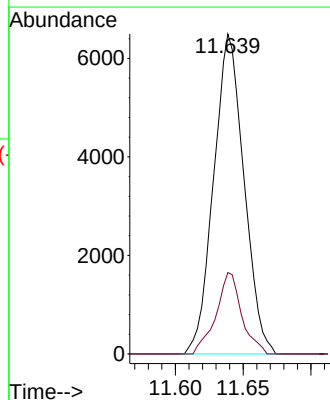
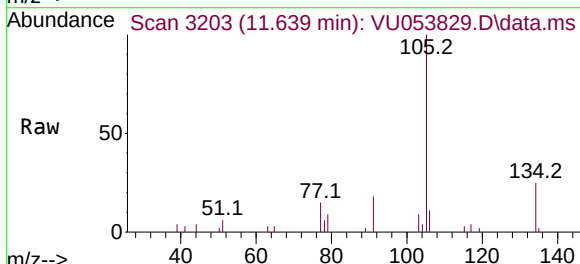
Manual Integrations
APPROVED

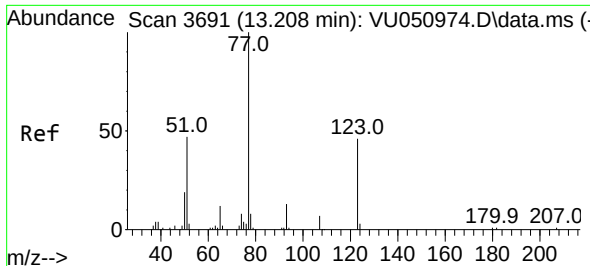
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#79
sec-Butylbenzene
Concen: 0.192 ug/l
RT: 11.639 min Scan# 3203
Delta R.T. -0.000 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06

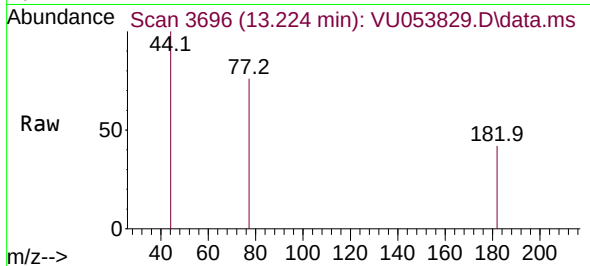
Tgt Ion:105 Resp: 10087
Ion Ratio Lower Upper
105 100
134 21.6 14.9 22.3





#80
Nitrobenzene
Concen: 0.602 ug/l
RT: 13.224 min Scan# 3098
Delta R.T. 0.022 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06

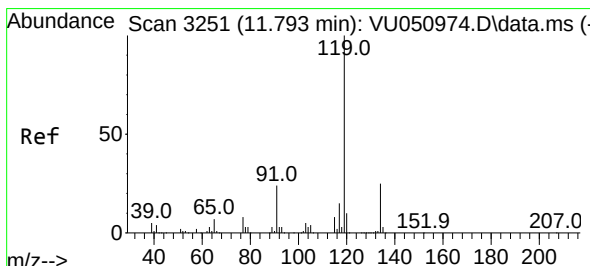
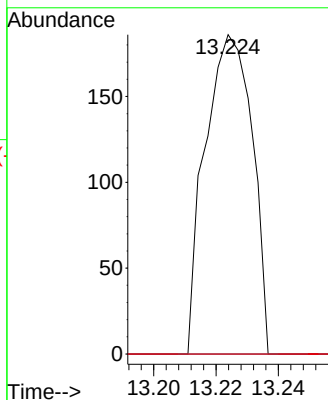
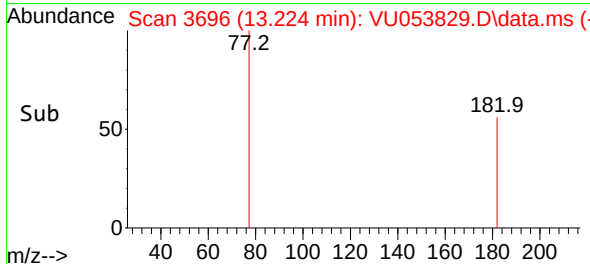
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion: 77	Resp: 198
Ion Ratio	Lower Upper
77 100	
123 0.0	19.7 69.7
65 0.0	11.5 14.7

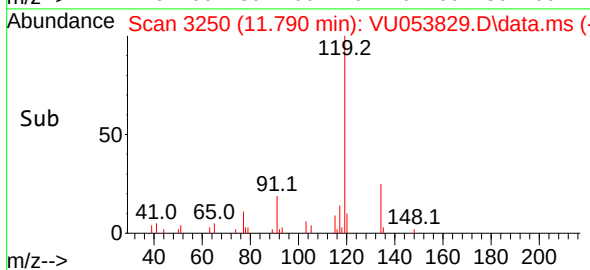
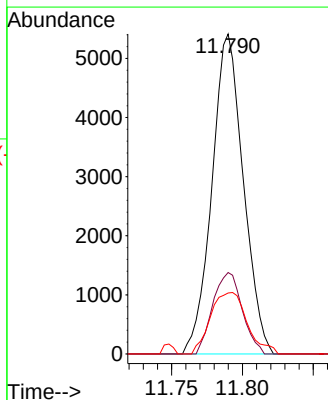
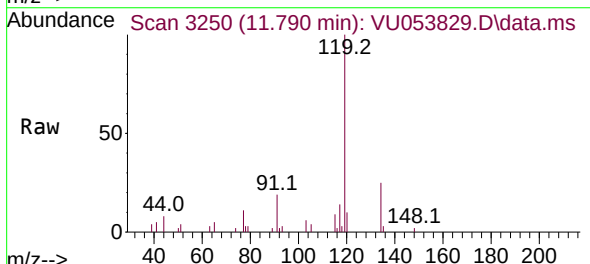
Manual Integrations
APPROVED

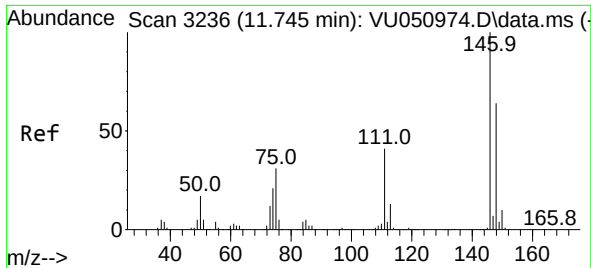
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#81
p-Isopropyltoluene
Concen: 0.193 ug/l
RT: 11.790 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06

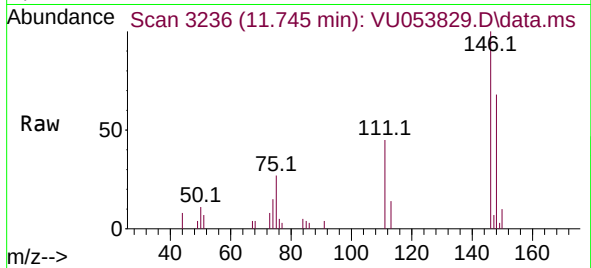
Tgt Ion: 119	Resp: 8341
Ion Ratio	Lower Upper
119 100	
134 23.9	20.2 30.4
91 22.4	19.3 28.9





#82
1,3-Dichlorobenzene
Concen: 0.242 ug/l
RT: 11.745 min Scan# 3236
Delta R.T. 0.003 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06

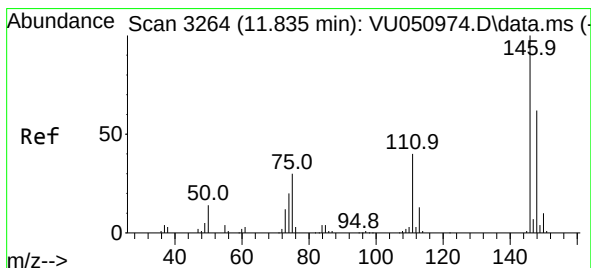
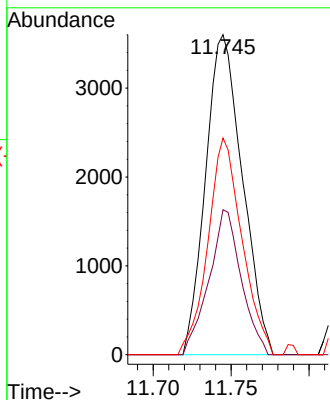
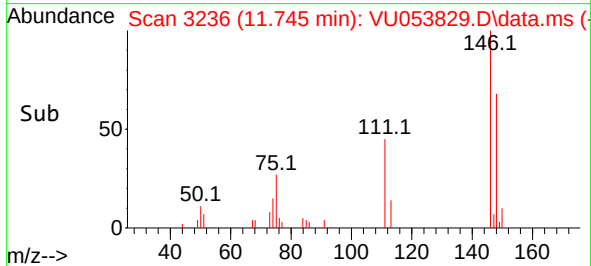
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2023



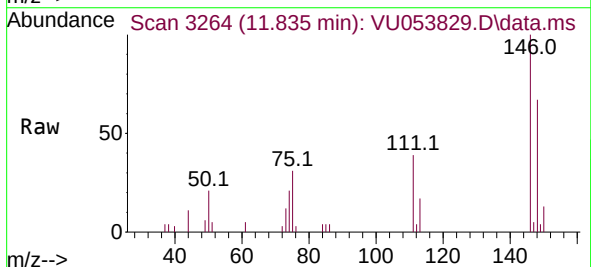
Tgt Ion:146 Resp: 5900
Ion Ratio Lower Upper
146 100
111 39.8 32.6 49.0
148 62.9 51.0 76.4

Manual Integrations
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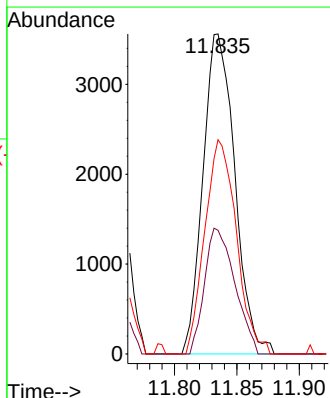
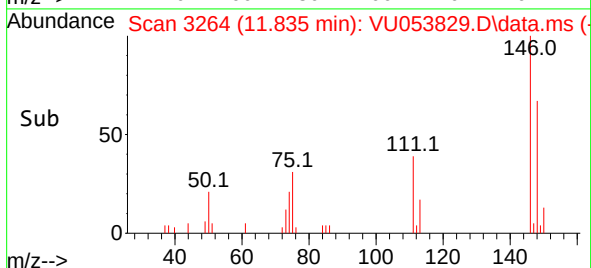
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

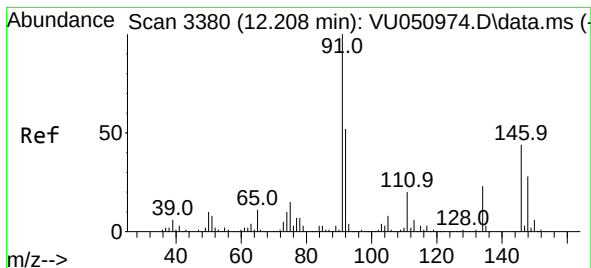


#83
1,4-Dichlorobenzene
Concen: 0.259 ug/l
RT: 11.835 min Scan# 3264
Delta R.T. 0.003 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06



Tgt Ion:146 Resp: 6323
Ion Ratio Lower Upper
146 100
111 37.3 31.6 47.4
148 66.5 50.3 75.5





#84

n-Butylbenzene

Concen: 0.471 ug/l

RT: 12.208 min Scan# 3380

Delta R.T. 0.003 min

Lab File: VU053829.D

Acq: 21 Apr 2023 17:06

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2023

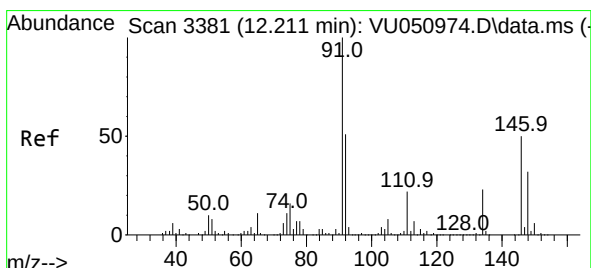
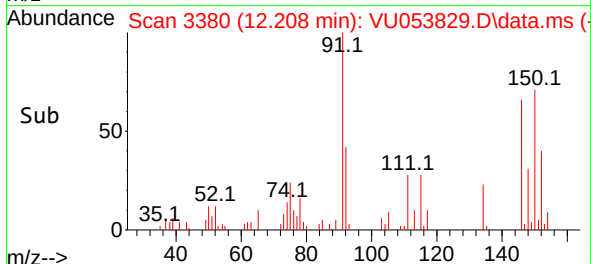
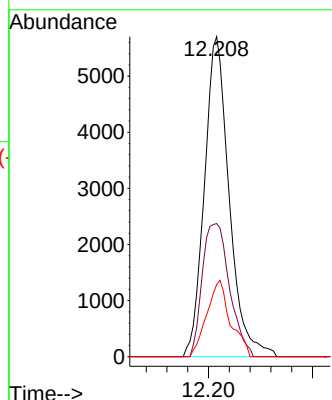
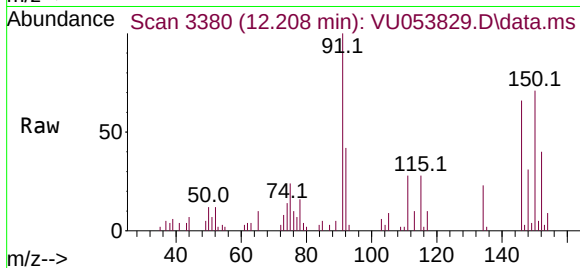
Tgt Ion:	91	Resp:	942
Ion	Ratio	Lower	Upper
91	100		
92	45.6	40.8	61.2
134	22.8	18.4	27.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#85

1,2-Dichlorobenzene

Concen: 0.244 ug/l

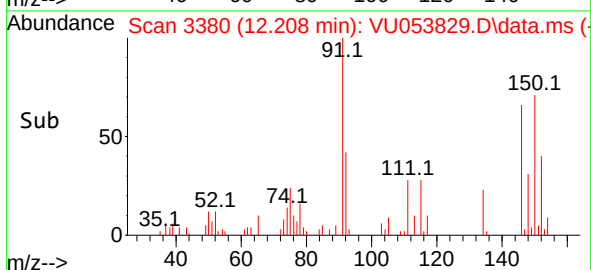
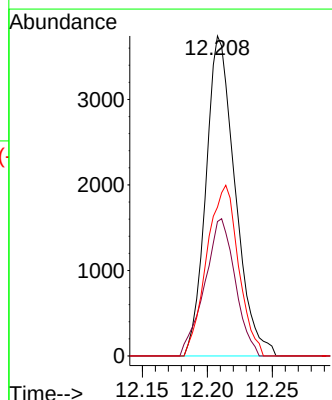
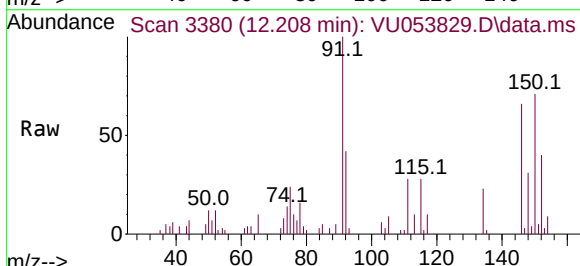
RT: 12.208 min Scan# 3380

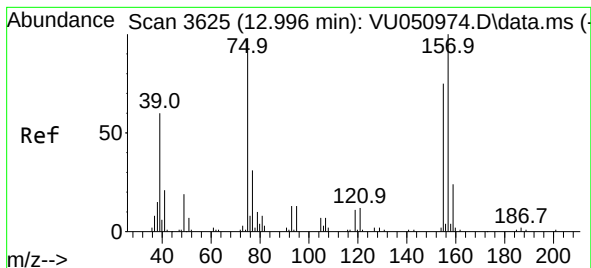
Delta R.T. -0.000 min

Lab File: VU053829.D

Acq: 21 Apr 2023 17:06

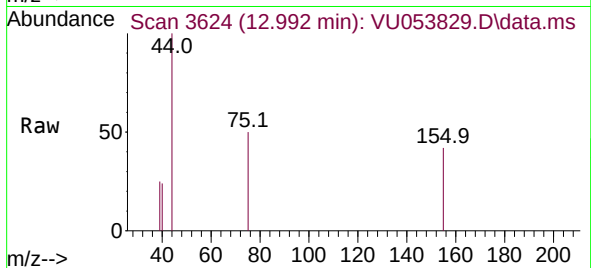
Tgt Ion:	146	Resp:	5843
Ion	Ratio	Lower	Upper
146	100		
111	44.7	21.6	64.6
148	57.9	32.1	96.5





#86
1,2-Dibromo-3-Chloropropane
Concen: 0.098 ug/l
RT: 12.992 min Scan# 3624
Delta R.T. -0.000 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06

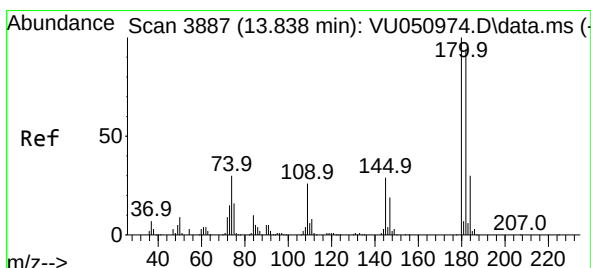
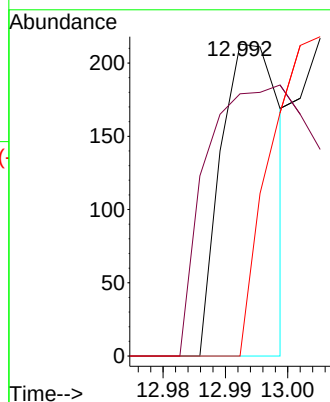
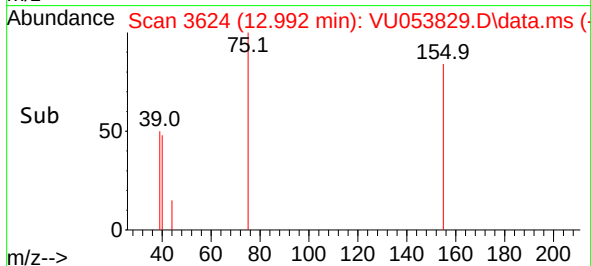
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion: 75 Resp: 14
Ion Ratio Lower Upper
75 100
155 170.2 61.8 92.8
157 139.0 80.2 120.4

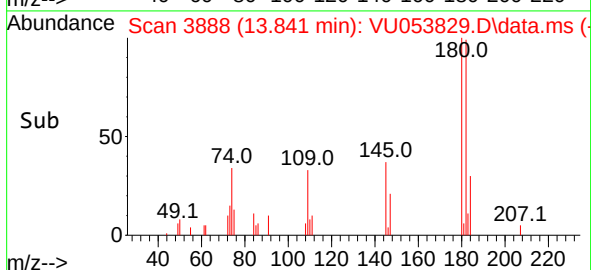
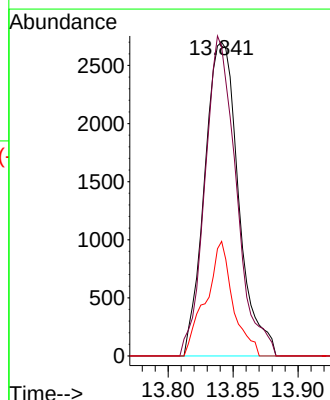
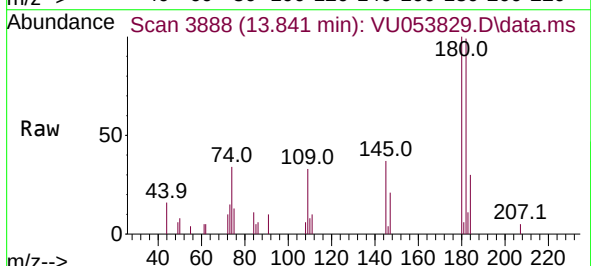
Manual Integrations
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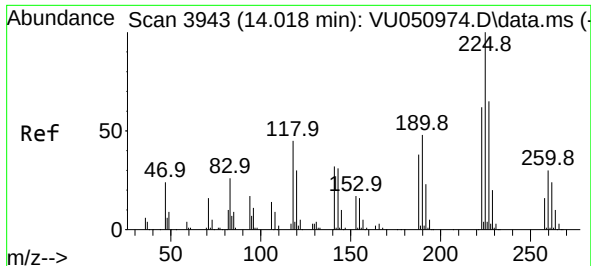
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#87
1,2,4-Trichlorobenzene
Concen: 0.310 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.006 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06

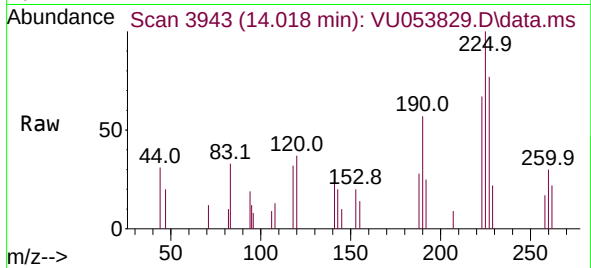
Tgt Ion:180 Resp: 4900
Ion Ratio Lower Upper
180 100
182 94.0 75.8 113.6
145 29.1 23.9 35.9





#88
Hexachlorobutadiene
Concen: 0.245 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. -0.000 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06

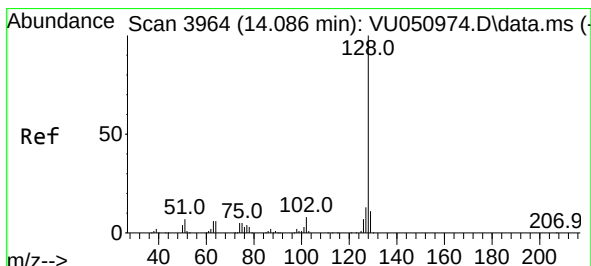
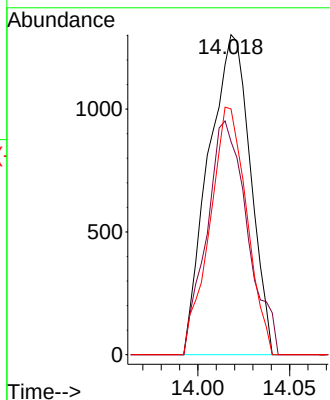
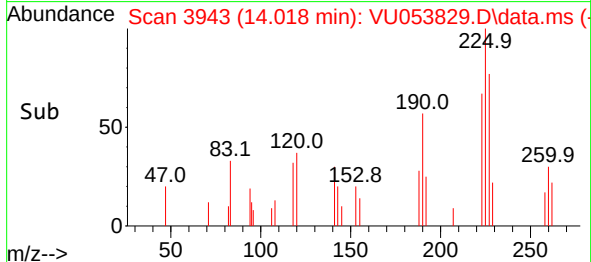
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT2-2023



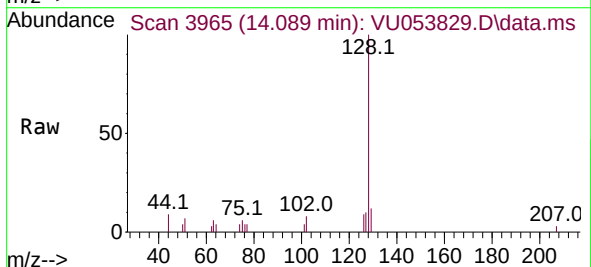
Tgt Ion:225 Resp: 2069
Ion Ratio Lower Upper
225 100
223 71.0 50.2 75.4
227 68.3 51.5 77.3

Manual Integrations
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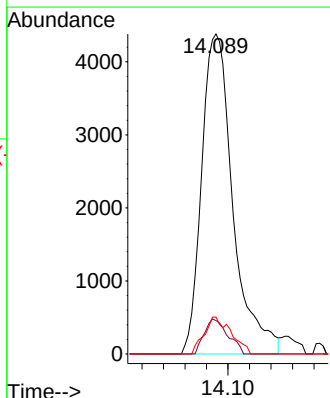
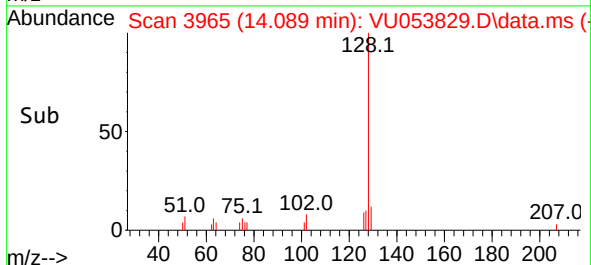
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

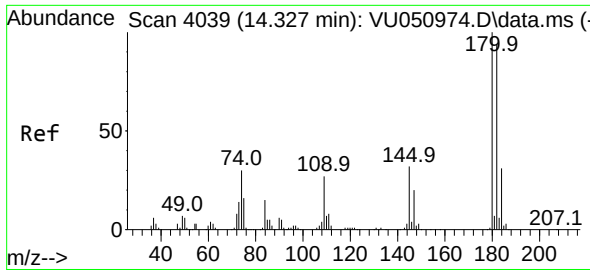


#89
Naphthalene
Concen: 0.319 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.007 min
Lab File: VU053829.D
Acq: 21 Apr 2023 17:06



Tgt Ion:128 Resp: 8849
Ion Ratio Lower Upper
128 100
127 8.2 10.9 16.3#
129 9.9 8.6 12.8





#90

1,2,3-Trichlorobenzene

Concen: 0.320 ug/l

RT: 14.327 min Scan# 4039

Delta R.T. 0.003 min

Lab File: VU053829.D

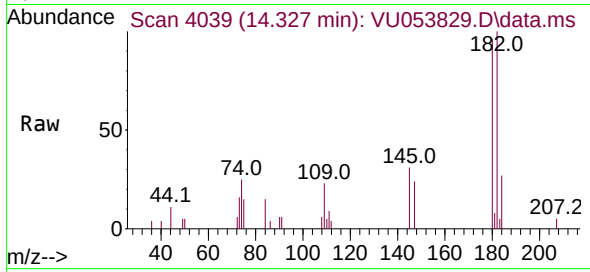
Acq: 21 Apr 2023 17:06

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2023



Tgt Ion:	180	Resp:	481
Ion Ratio	Lower	Upper	
180	100		
182	94.2	75.7	113.5
145	33.2	26.1	39.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023

