

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070822\
 Data File : VU049660.D
 Acq On : 08 Jul 2022 17:05
 Operator : SY/MD
 Sample : N3214-09 0.4ppb
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT2-2022

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/11/2022
 Supervised By :Mahesh Dadoda 07/11/2022

Quant Time: Jul 09 04:56:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U070622DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sat Jul 09 04:54:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.115	96	36977	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.633	95	11228	0.829	ug/l	0.00
Spiked Amount 1.000			Recovery	=	83.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	12470	1.000	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	4375m	0.309	ug/l	
3) Chloromethane	1.533	50	4867	0.336	ug/l	97
4) Vinyl Chloride	1.601	62	4108	0.311	ug/l	94
5) Bromomethane	1.858	94	2823	0.410	ug/l #	76
6) Chloroethane	1.932	64	2090	0.283	ug/l	96
7) Trichlorofluoromethane	2.138	101	4891	0.309	ug/l	94
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	2439	0.293	ug/l	94
9) 1,1-Dichloroethene	2.581	96	2514	0.300	ug/l	96
10) Iodomethane	2.723	142	1549	0.146	ug/l	97
11) Allyl Chloride	2.922	41	4519	0.316	ug/l	93
12) Acrylonitrile	3.331	53	1317	0.588	ug/l #	90
13) Acetone	2.649	43	4513	2.552	ug/l #	84
14) Carbon Disulfide	2.790	76	7888	0.286	ug/l	97
15) Methylene Chloride	3.044	84	9636	0.918	ug/l	98
16) trans-1,2-Dichloroethene	3.347	96	2658	0.302	ug/l	89
17) 1,1-Dichloroethane	3.864	63	5288	0.290	ug/l #	93
18) 2-Butanone	4.745	43	5898m	1.956	ug/l	
19) Cyclohexane	5.379	56	4297m	0.247	ug/l	
20) Methylcyclohexane	6.758	83	3917	0.228	ug/l	97
21) 2,2-Dichloropropane	4.658	77	4230	0.284	ug/l #	75
22) cis-1,2-Dichloroethene	4.665	96	3159	0.291	ug/l	95
23) Diethyl Ether	2.379	59	2160	0.302	ug/l #	73
24) tert-Butyl Alcohol	3.253	59	3864m	4.742	ug/l	
25) Methyl tert-Butyl Ether	3.376	73	7117	0.304	ug/l #	73
26) Bromochloromethane	4.974	128	1171	0.256	ug/l	84
27) Chloroform	5.093	83	5588	0.312	ug/l	91
28) 1,1,1-Trichloroethane	5.311	97	4826	0.305	ug/l	97
29) 1,1-Dichloropropene	5.520	75	3775	0.268	ug/l	94
30) Carbon Tetrachloride	5.517	117	3774	0.284	ug/l #	83
31) Isopropyl Ether	4.006	45	9614	0.308	ug/l	92
32) Ethyl-t-butyl ether	4.514	59	7829	0.265	ug/l	96
33) Tert-Amyl methyl ether	5.951	73	6651	0.259	ug/l	97
34) Propionitrile	4.822	54	1175m	1.359	ug/l	
35) Benzene	5.777	78	11476	0.285	ug/l	96
36) 1,2-Dichloroethane	5.800	62	3663	0.320	ug/l #	90
37) Trichloroethene	6.543	130	2846	0.280	ug/l	94
38) 1,2-Dichloropropane	6.793	63	3315	0.311	ug/l	97
39) Methacrylonitrile	4.986	41	973	0.263	ug/l #	77
40) Methyl acrylate	4.864	55	1543	0.266	ug/l #	72
41) Tetrahydrofuran	5.086	42	1795	0.820	ug/l #	66
42) 1-Chlorobutane	5.456	56	5294	0.268	ug/l	87
43) Dibromomethane	6.919	93	1572	0.296	ug/l	94
44) Bromodichloromethane	7.109	83	3653	0.287	ug/l	89

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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.803	43	10359	1.439	ug/l	94
46) t-1,4-Dichloro-2-butene	10.835	75	1133m	0.484	ug/l	
47) Methyl methacrylate	6.973	69	2434	0.455	ug/l #	84
48) Ethyl methacrylate	8.340	69	2464	0.230	ug/l	97
49) Toluene	7.970	92	6093	0.248	ug/l	98
50) t-1,3-Dichloropropene	8.215	75	3318	0.270	ug/l #	79
51) cis-1,3-Dichloropropene	7.607	75	3545	0.244	ug/l #	92
52) 1,1,2-Trichloroethane	8.401	97	2041	0.279	ug/l	93
53) 1,3-Dichloropropane	8.578	76	3956	0.301	ug/l	96
54) 2-Hexanone	8.697	43	7270	1.454	ug/l	95
55) Dibromochloromethane	8.816	129	2379	0.285	ug/l	92
56) 1,2-Dibromoethane	8.925	107	2026	0.286	ug/l	98
58) Tetrachloroethene	8.555	164	2430	0.288	ug/l	92
59) Chlorobenzene	9.449	112	6984	0.272	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.539	131	2599	0.284	ug/l	99
61) Pentachloroethane	11.430	117	1935	0.276	ug/l	96
62) Hexachloroethane	12.475	117	1789	0.255	ug/l	95
63) Ethyl Benzene	9.571	91	11300	0.244	ug/l	99
64) m/p-Xylenes	9.694	106	8246	0.482	ug/l	99
65) o-Xylene	10.102	106	3804	0.226	ug/l	88
66) Styrene	10.115	104	6044	0.224	ug/l	99
67) Bromoform	10.295	173	1362	0.285	ug/l #	95
69) Isopropylbenzene	10.481	105	10517	0.234	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.784	83	2759	0.290	ug/l	96
71) 1,2,3-Trichloropropane	10.822	75	2250m	0.286	ug/l	
72) Bromobenzene	10.784	156	2873	0.284	ug/l	92
73) n-propylbenzene	10.906	120	2518	0.222	ug/l	87
74) 2-Chlorotoluene	10.989	126	2553	0.253	ug/l	89
75) 1,3,5-Trimethylbenzene	11.086	105	8523	0.227	ug/l	100
76) 4-Chlorotoluene	11.099	126	2683	0.265	ug/l	95
77) tert-Butylbenzene	11.420	119	8718	0.236	ug/l	97
78) 1,2,4-Trimethylbenzene	11.468	105	8404	0.223	ug/l	99
79) sec-Butylbenzene	11.642	105	11076	0.229	ug/l	99
80) Nitrobenzene	13.218	77	855	2.198	ug/l #	45
81) p-Isopropyltoluene	11.793	119	8514	0.217	ug/l	96
82) 1,3-Dichlorobenzene	11.748	146	5699	0.291	ug/l	97
83) 1,4-Dichlorobenzene	11.838	146	5845	0.296	ug/l	92
84) n-Butylbenzene	12.211	91	9109	0.249	ug/l	98
85) 1,2-Dichlorobenzene	12.214	146	5608	0.296	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	13.002	75	462	0.279	ug/l #	83
87) 1,2,4-Trichlorobenzene	13.848	180	4026	0.315	ug/l	95
88) Hexachlorobutadiene	14.025	225	1850	0.284	ug/l #	83
89) Naphthalene	14.089	128	8708	0.325	ug/l	98
90) 1,2,3-Trichlorobenzene	14.330	180	4093	0.335	ug/l	96

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

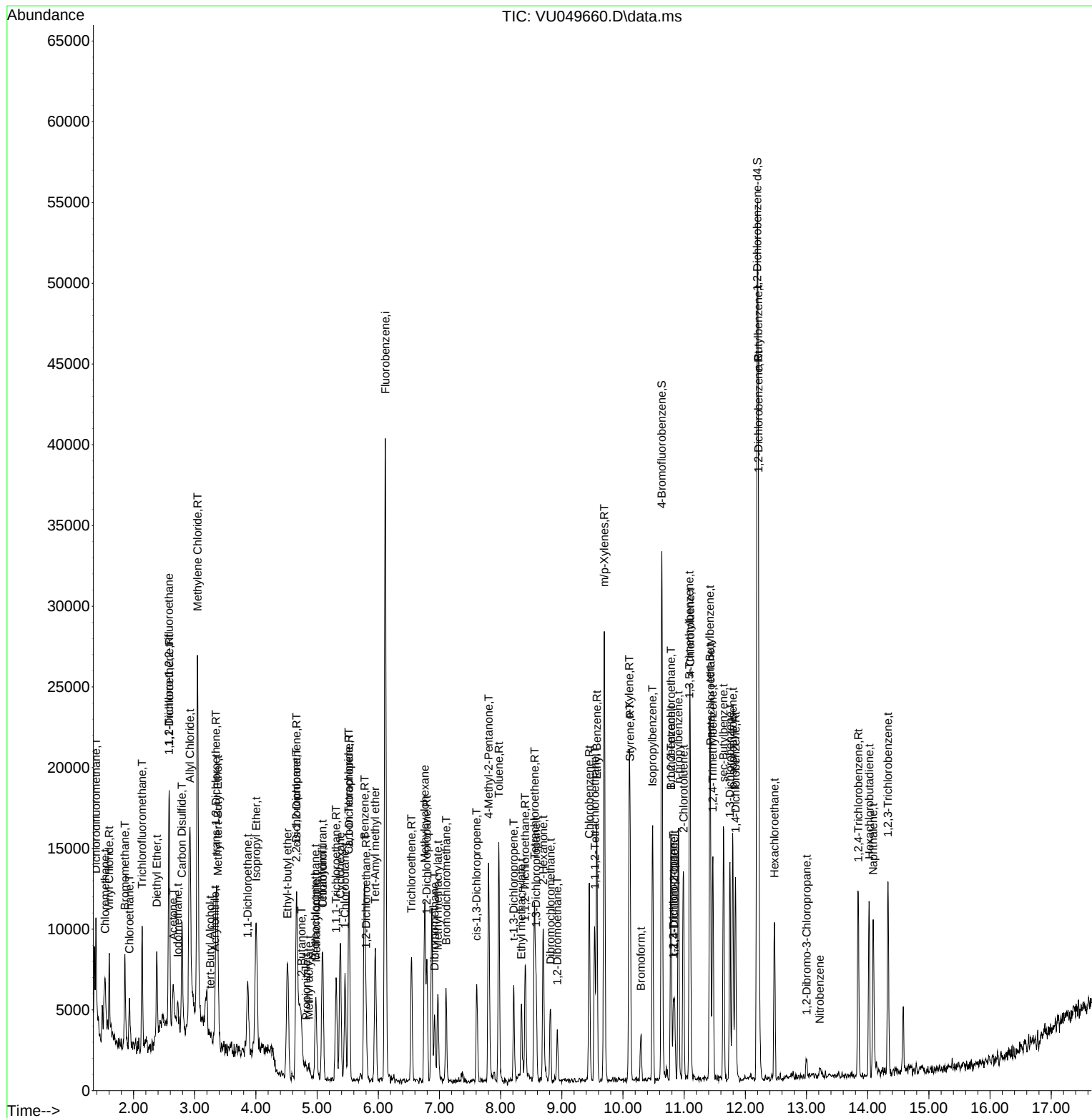
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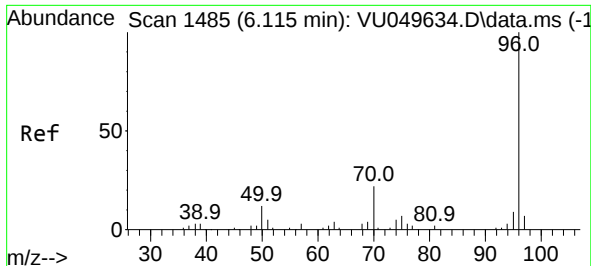
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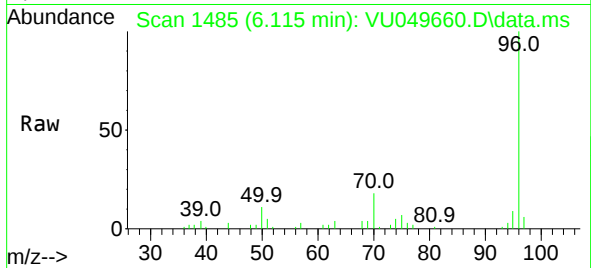
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#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.115 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

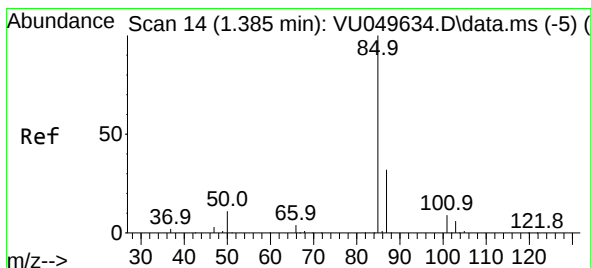
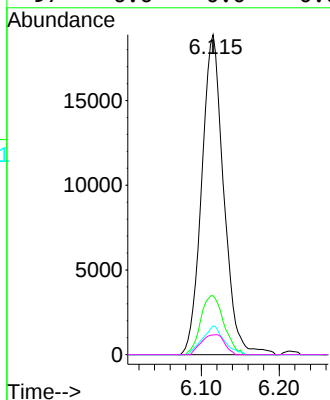
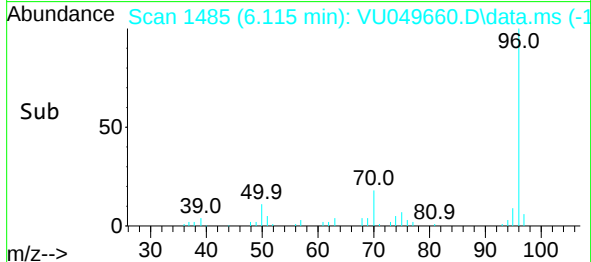
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT2-2022



Tgt Ion: 96 Resp: 3697
Ion Ratio Lower Upper
96 100
70 19.3 16.7 25.1
95 8.8 7.4 11.0
97 6.6 0.0 0.0#

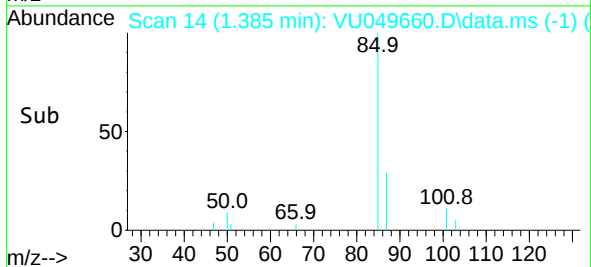
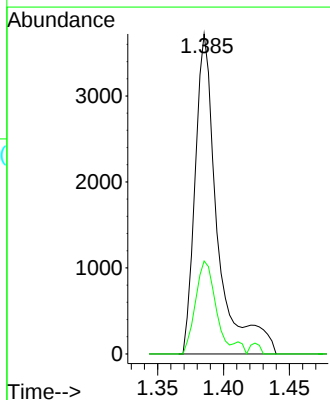
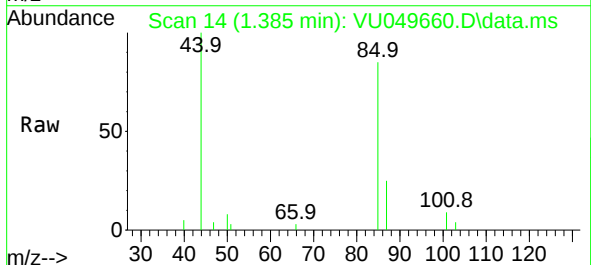
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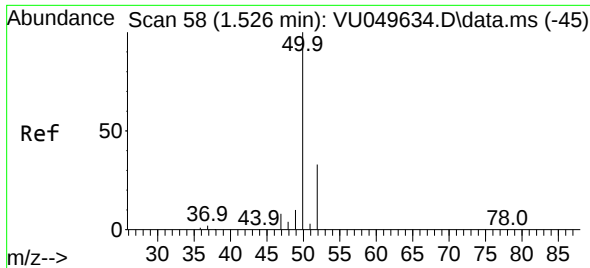
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#2
Dichlorodifluoromethane
Concen: 0.309 ug/l m
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

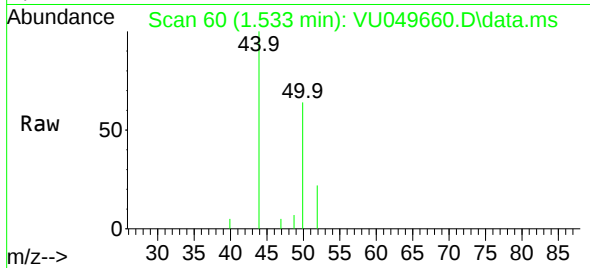
Tgt Ion: 85 Resp: 4375
Ion Ratio Lower Upper
85 100
87 29.0 16.3 48.8





#3
Chloromethane
Concen: 0.336 ug/l
RT: 1.533 min Scan# 60
Delta R.T. 0.007 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

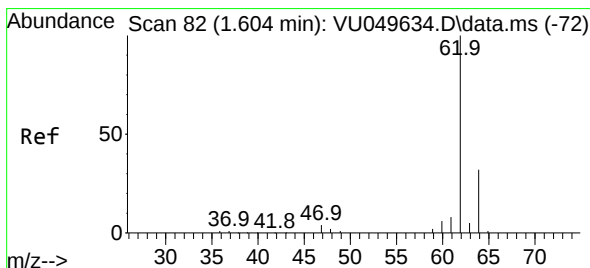
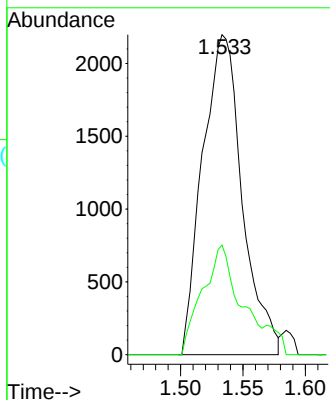
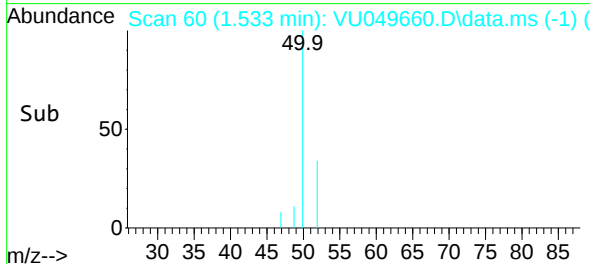
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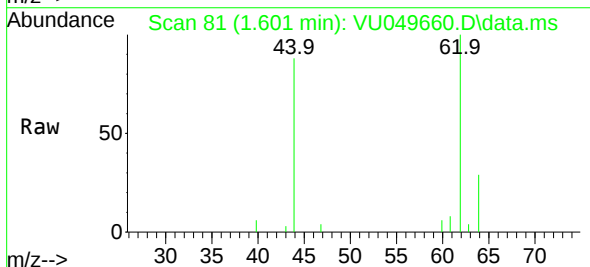
Tgt Ion: 50 Resp: 486
Ion Ratio Lower Upper
50 100
52 34.3 26.1 39.1

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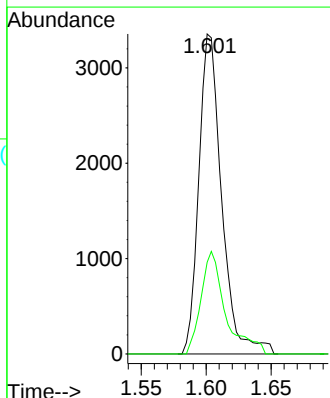
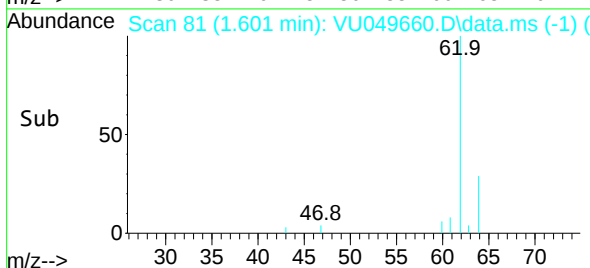
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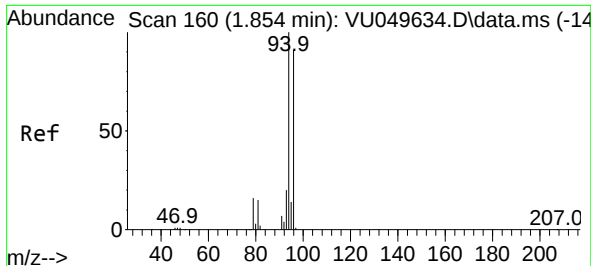


#4
Vinyl Chloride
Concen: 0.311 ug/l
RT: 1.601 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05



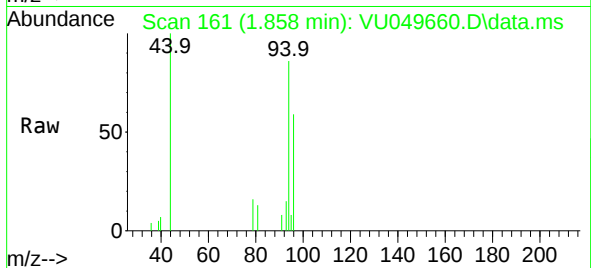
Tgt Ion: 62 Resp: 4108
Ion Ratio Lower Upper
62 100
64 28.7 25.5 38.3





#5
Bromomethane
Concen: 0.410 ug/l
RT: 1.858 min Scan# 161
Delta R.T. 0.004 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

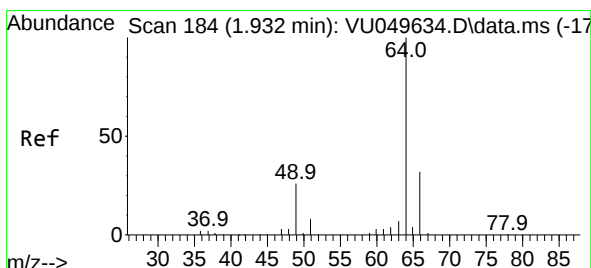
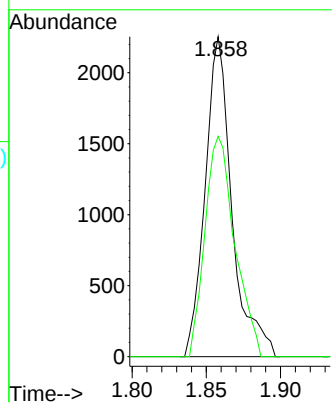
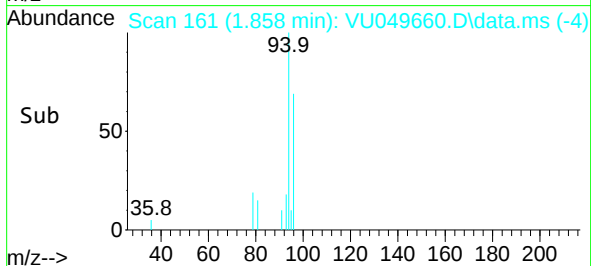
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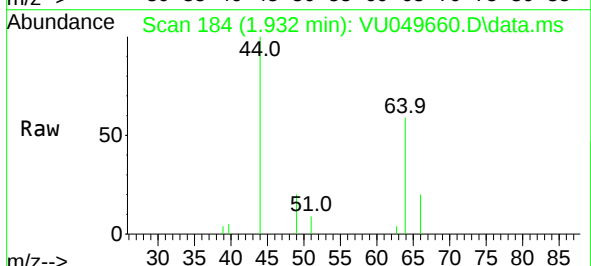
Tgt Ion: 94 Resp: 282
Ion Ratio Lower Upper
94 100
96 68.9 73.0 109.6

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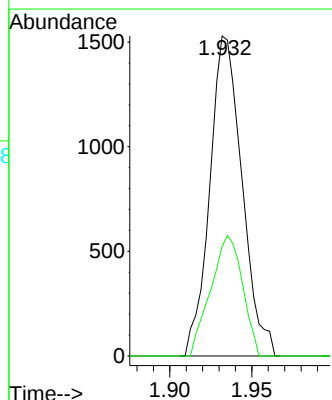
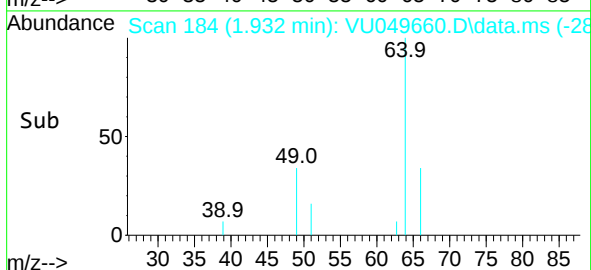
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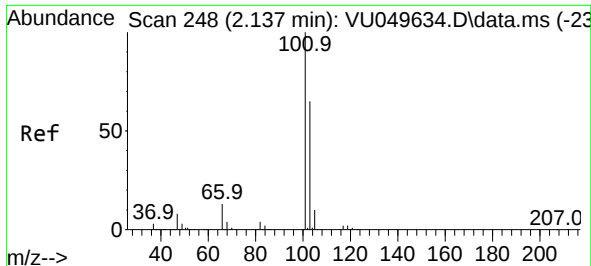


#6
Chloroethane
Concen: 0.283 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05



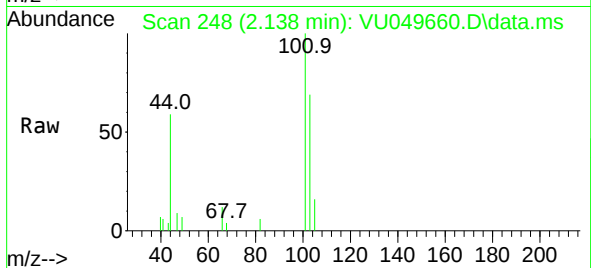
Tgt Ion: 64 Resp: 2090
Ion Ratio Lower Upper
64 100
66 34.3 25.8 38.6





#7
 Trichlorofluoromethane
 Concen: 0.309 ug/l
 RT: 2.138 min Scan# 248
 Delta R.T. 0.000 min
 Lab File: VU049660.D
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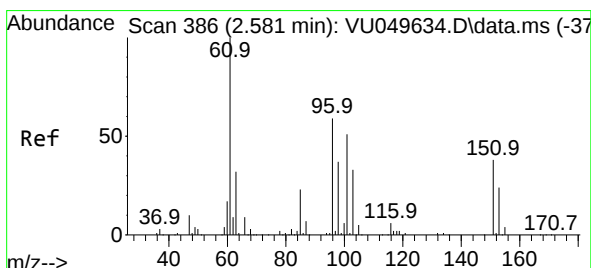
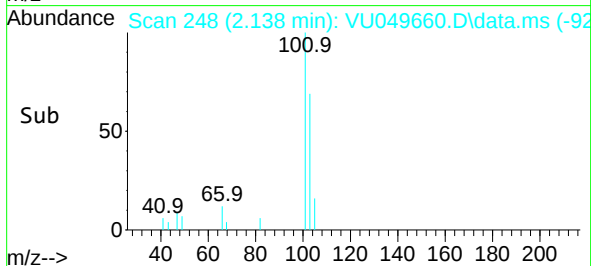
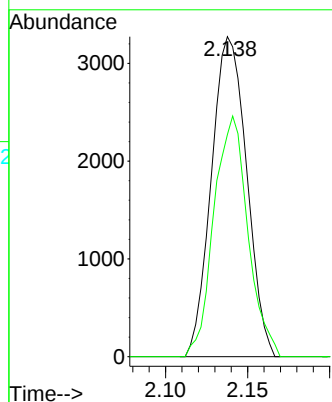
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Tgt Ion:101 Resp: 489
 Ion Ratio Lower Upper
 101 100
 103 69.4 51.8 77.6

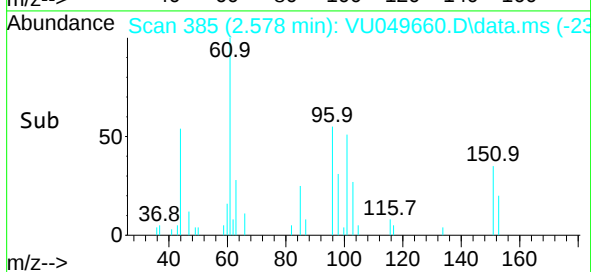
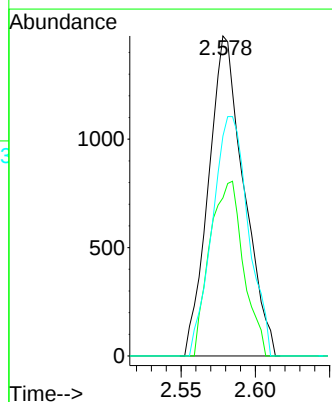
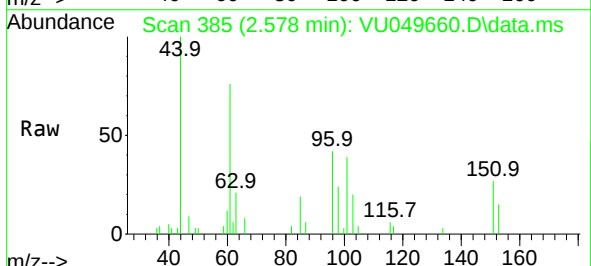
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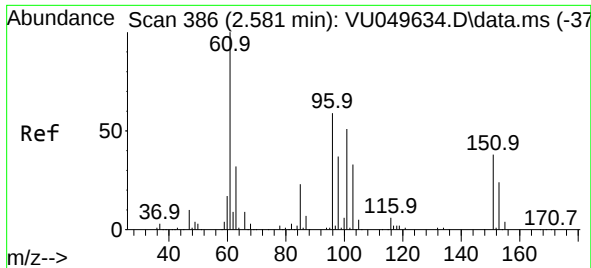
Reviewed By :Krupa Patel 07/11/2022
 Supervised By :Mahesh Dadoda 07/11/2022



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.293 ug/l
 RT: 2.578 min Scan# 385
 Delta R.T. -0.003 min
 Lab File: VU049660.D
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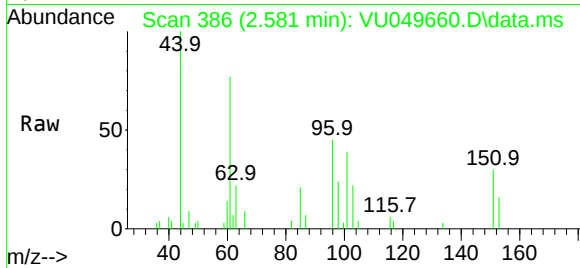
Tgt Ion:101 Resp: 2439
 Ion Ratio Lower Upper
 101 100
 85 52.1 36.4 54.6
 151 76.3 59.1 88.7





#9
1,1-Dichloroethene
Concen: 0.300 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

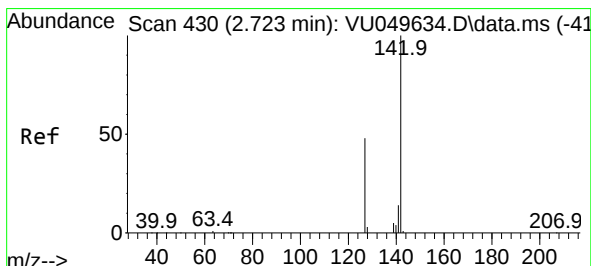
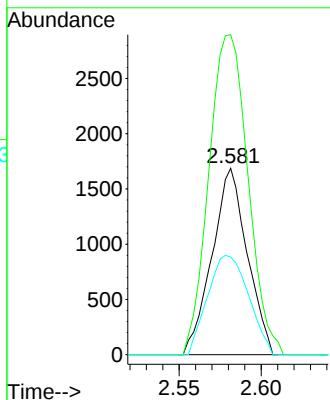
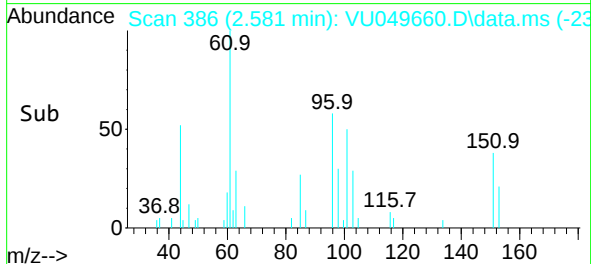
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT2-2022



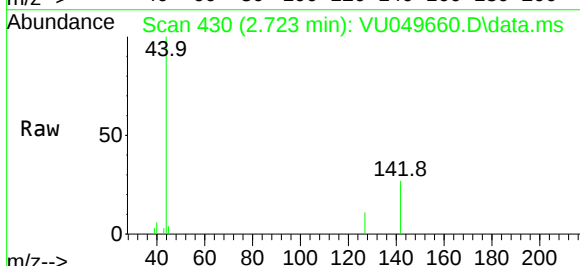
Tgt Ion: 96 Resp: 2514
Ion Ratio Lower Upper
96 100
61 171.6 0.0 510.6
98 52.3 0.0 124.6

Manual Integrations
APPROVED

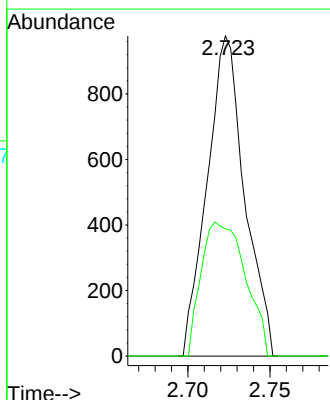
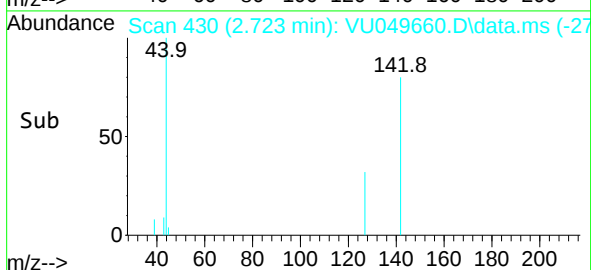
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#10
Iodomethane
Concen: 0.146 ug/l
RT: 2.723 min Scan# 430
Delta R.T. 0.000 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05



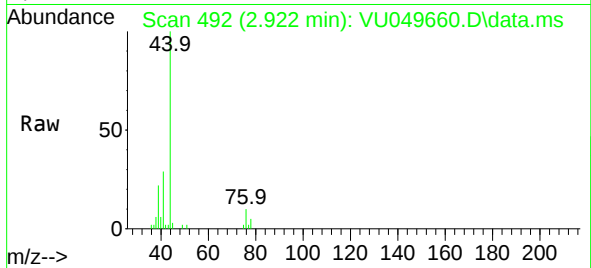
Tgt Ion:142 Resp: 1549
Ion Ratio Lower Upper
142 100
127 49.4 38.2 57.2





#11
 Allyl Chloride
 Concen: 0.316 ug/l
 RT: 2.922 min Scan# 492
 Delta R.T. 0.000 min
 Lab File: VU049660.D
 Acq: 08 Jul 2022 17:05

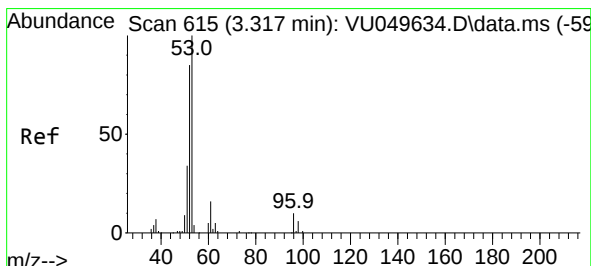
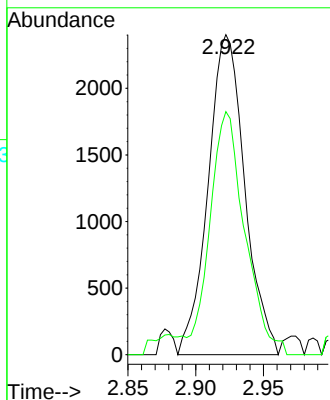
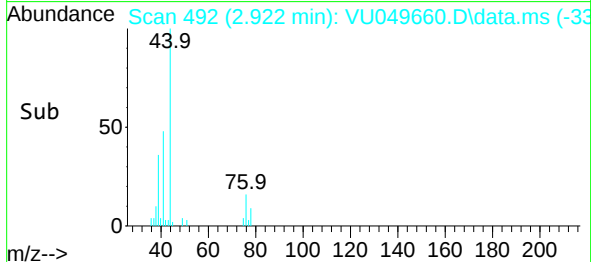
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT2-2022



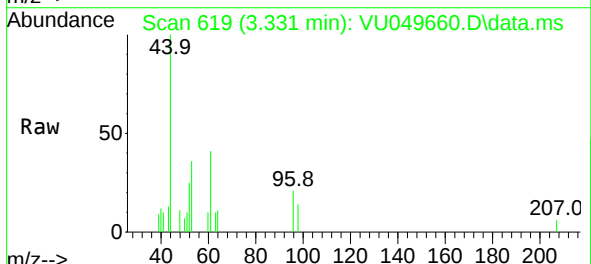
Tgt Ion: 41 Resp: 4519
 Ion Ratio Lower Upper
 41 100
 39 72.2 53.2 79.8

Manual Integrations
 APPROVED

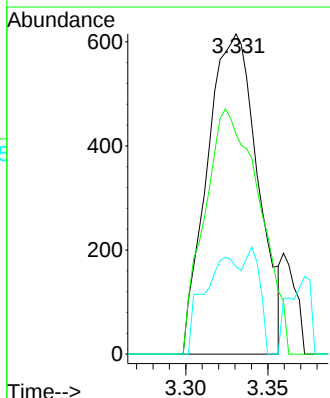
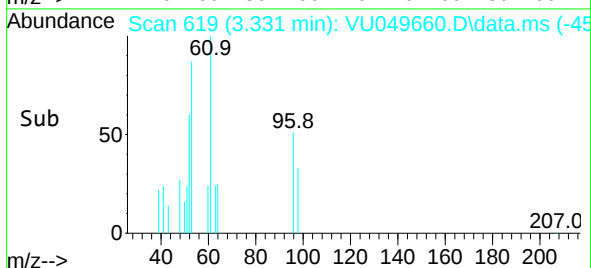
Reviewed By :Krupa Patel 07/11/2022
 Supervised By :Mahesh Dadoda 07/11/2022

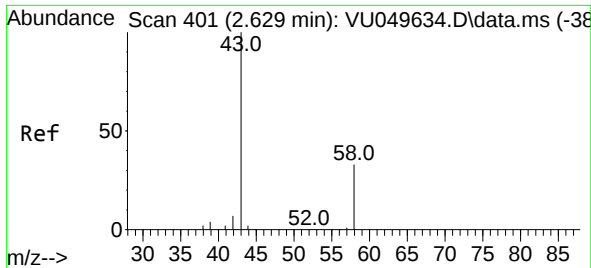


#12
 Acrylonitrile
 Concen: 0.588 ug/l
 RT: 3.331 min Scan# 619
 Delta R.T. 0.013 min
 Lab File: VU049660.D
 Acq: 08 Jul 2022 17:05



Tgt Ion: 53 Resp: 1317
 Ion Ratio Lower Upper
 53 100
 52 82.9 64.6 97.0
 51 22.1 30.7 46.1#





#13

Acetone

Concen: 2.552 ug/l

RT: 2.649 min Scan# 407

Delta R.T. 0.020 min

Lab File: VU049660.D

Acq: 08 Jul 2022 17:05

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion: 43 Resp: 451

Ion Ratio Lower Upper

43 100

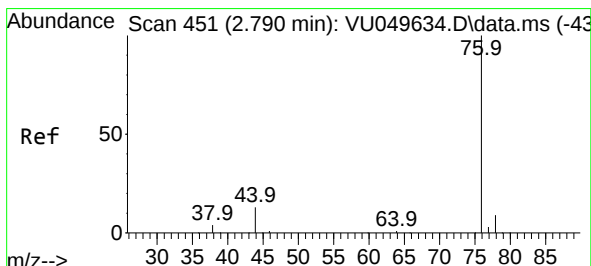
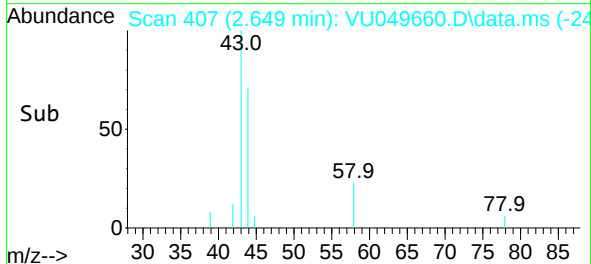
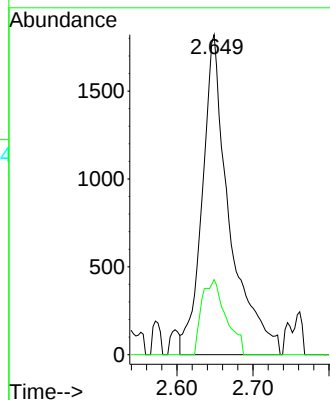
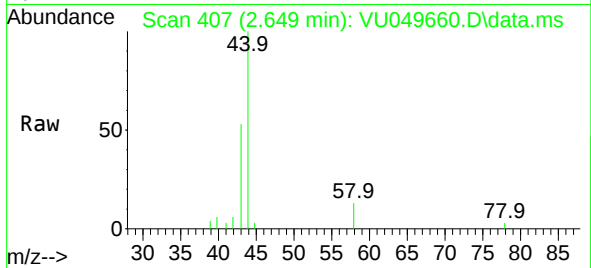
58 23.4 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#14

Carbon Disulfide

Concen: 0.286 ug/l

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU049660.D

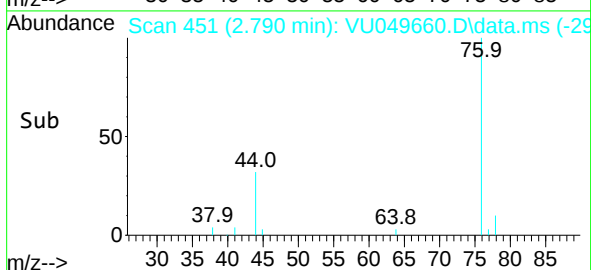
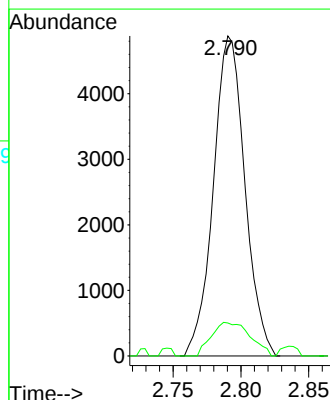
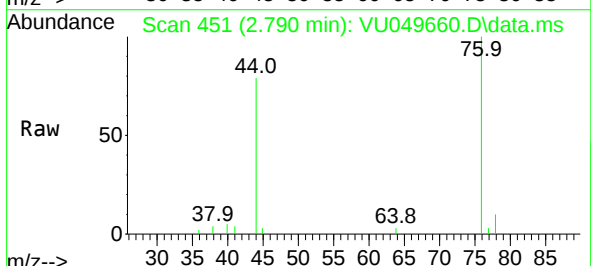
Acq: 08 Jul 2022 17:05

Tgt Ion: 76 Resp: 7888

Ion Ratio Lower Upper

76 100

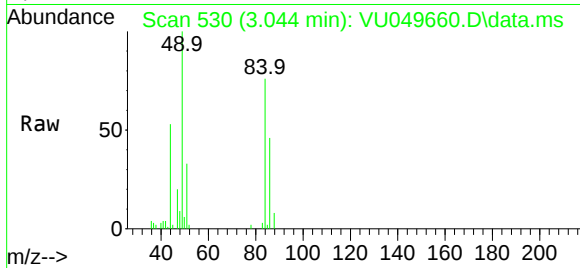
78 10.3 7.4 11.0





#15
Methylene Chloride
Concen: 0.918 ug/l
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

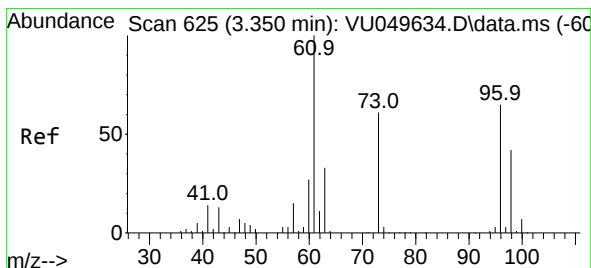
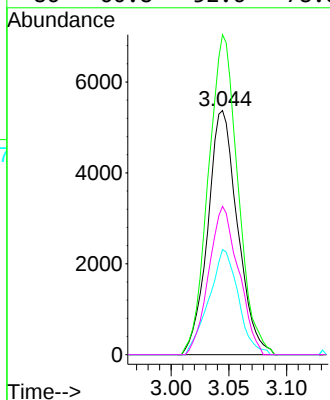
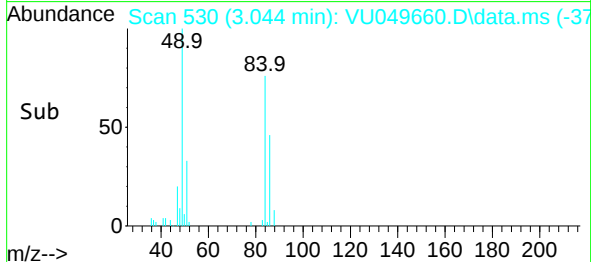
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022



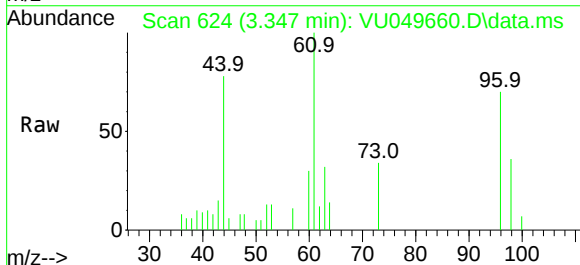
Tgt Ion: 84 Resp: 9630
Ion Ratio Lower Upper
84 100
49 131.0 104.6 157.0
51 43.0 0.0 81.4
86 60.8 52.6 78.8

Manual Integrations
APPROVED

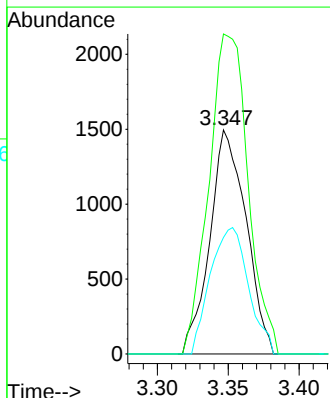
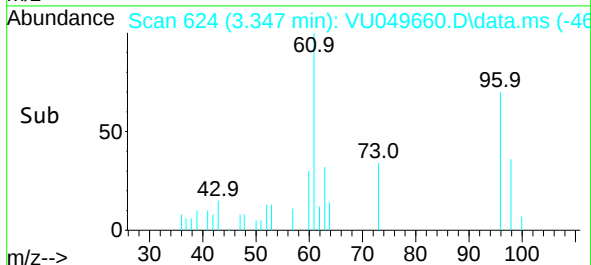
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#16
trans-1,2-Dichloroethene
Concen: 0.302 ug/l
RT: 3.347 min Scan# 624
Delta R.T. -0.003 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05



Tgt Ion: 96 Resp: 2658
Ion Ratio Lower Upper
96 100
61 142.9 123.4 185.0
98 52.0 51.6 77.4





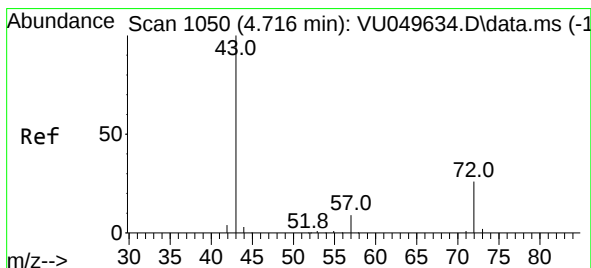
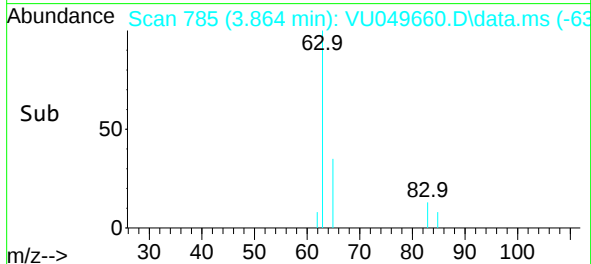
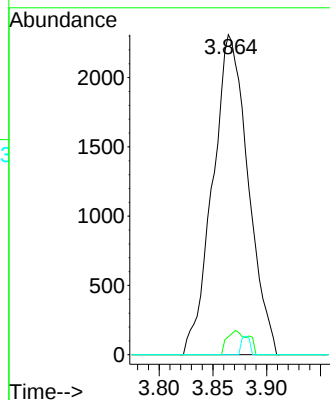
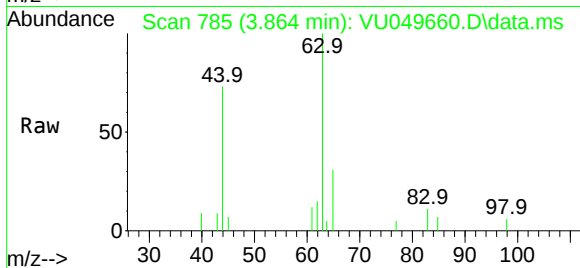
#17
1,1-Dichloroethane
Concen: 0.290 ug/l
RT: 3.864 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

Tgt Ion: 63 Resp: 528
Ion Ratio Lower Upper
63 100
98 5.3 3.4 10.2
100 0.0 2.0 6.0

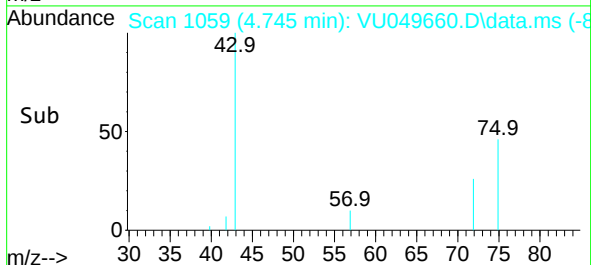
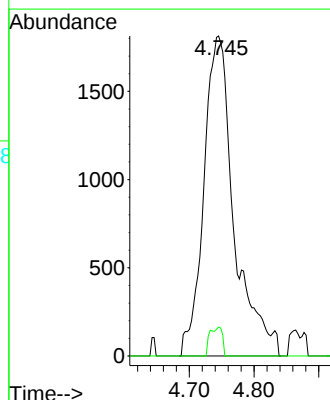
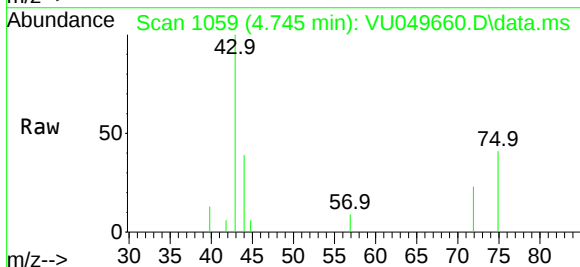
Manual Integrations
APPROVED

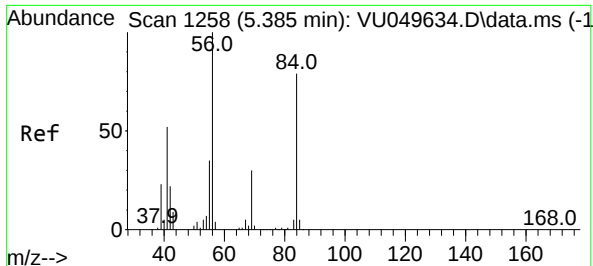
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#18
2-Butanone
Concen: 1.956 ug/l m
RT: 4.745 min Scan# 1059
Delta R.T. 0.029 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

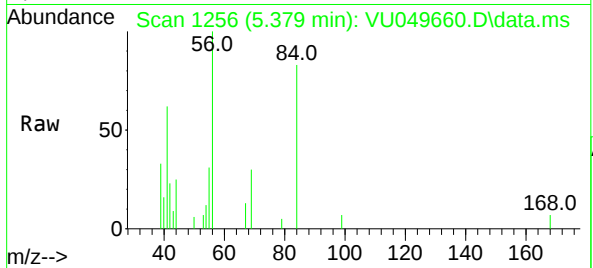
Tgt Ion: 43 Resp: 5898
Ion Ratio Lower Upper
43 100
57 9.0 0.0 18.0





#19
Cyclohexane
Concen: 0.247 ug/l m
RT: 5.379 min Scan# 1256
Delta R.T. -0.006 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

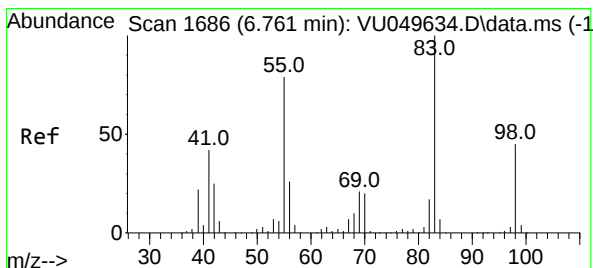
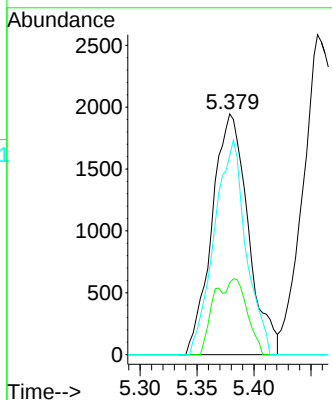
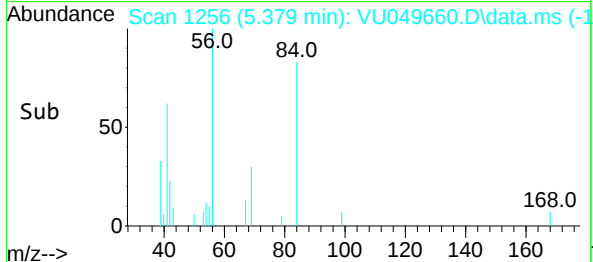
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022



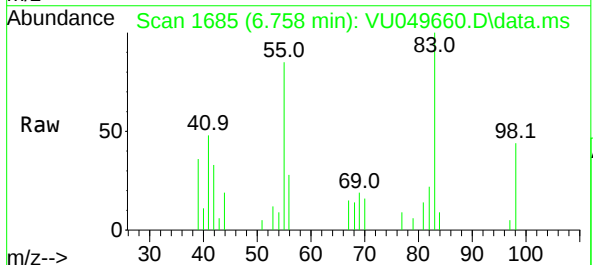
Tgt Ion: 56 Resp: 429
Ion Ratio Lower Upper
56 100
69 16.0 24.2 36.4
84 78.2 63.4 95.2

Manual Integrations
APPROVED

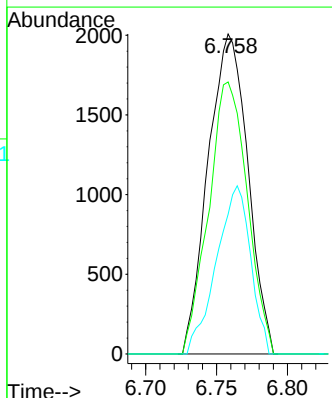
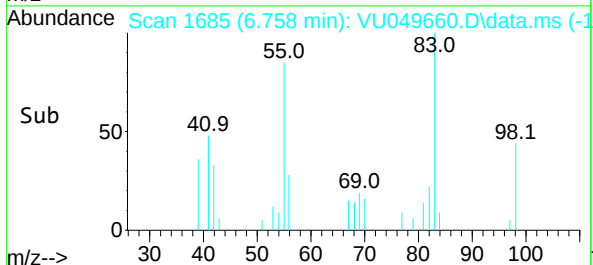
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

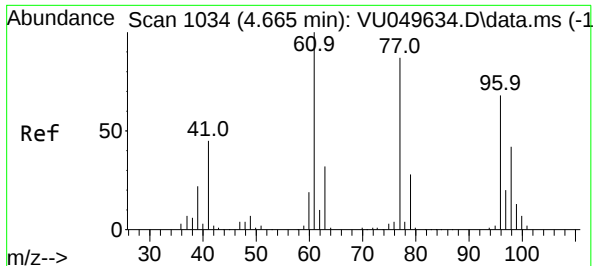


#20
Methylcyclohexane
Concen: 0.228 ug/l
RT: 6.758 min Scan# 1685
Delta R.T. -0.003 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05



Tgt Ion: 83 Resp: 3917
Ion Ratio Lower Upper
83 100
55 82.8 63.0 94.4
98 45.1 35.7 53.5





#21

2,2-Dichloropropane

Concen: 0.284 ug/l

RT: 4.658 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VU049660.D

Acq: 08 Jul 2022 17:05

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion: 77 Resp: 4230

Ion Ratio Lower Upper

77 100

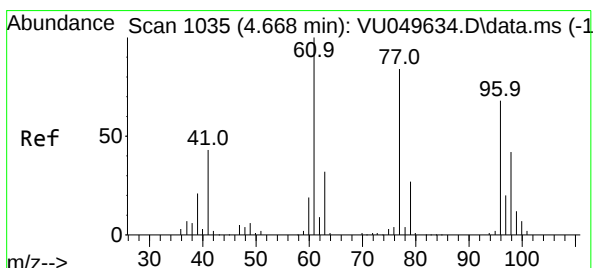
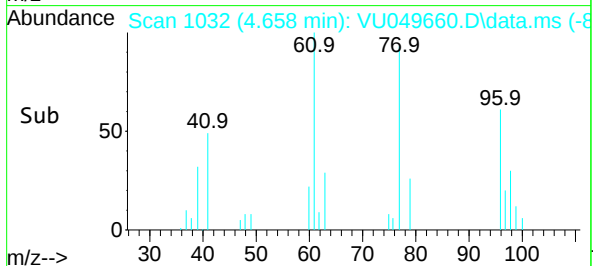
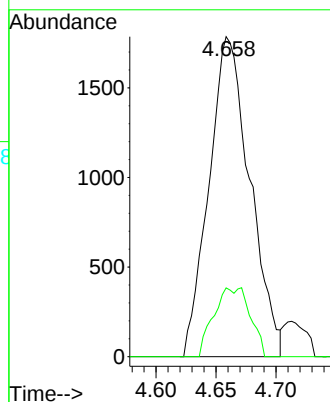
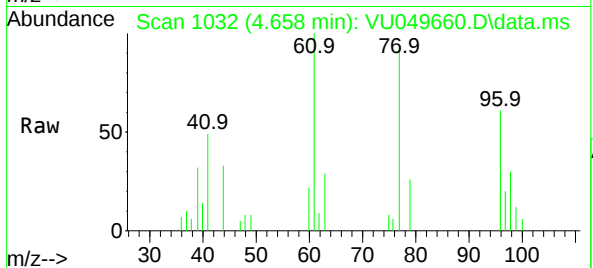
97 11.1 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#22

cis-1,2-Dichloroethene

Concen: 0.291 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU049660.D

Acq: 08 Jul 2022 17:05

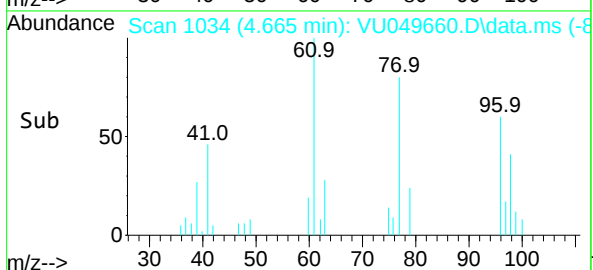
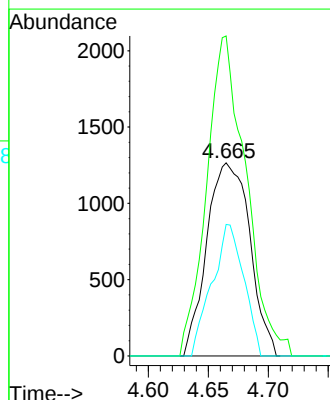
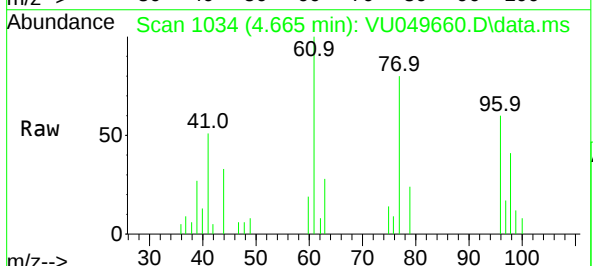
Tgt Ion: 96 Resp: 3159

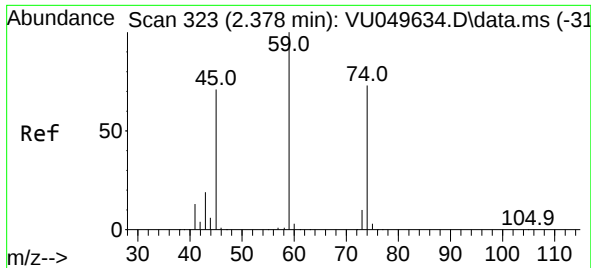
Ion Ratio Lower Upper

96 100

61 151.1 0.0 375.8

98 50.3 31.6 95.0





#23

Diethyl Ether

Concen: 0.302 ug/l

RT: 2.379 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU049660.D

Acq: 08 Jul 2022 17:05

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion: 59 Resp: 2160

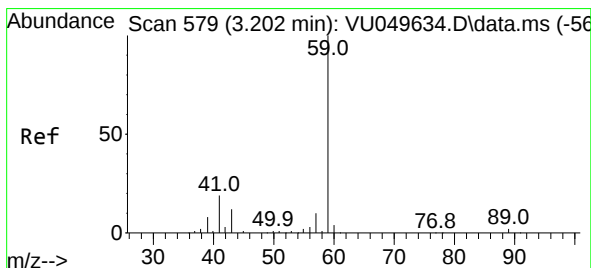
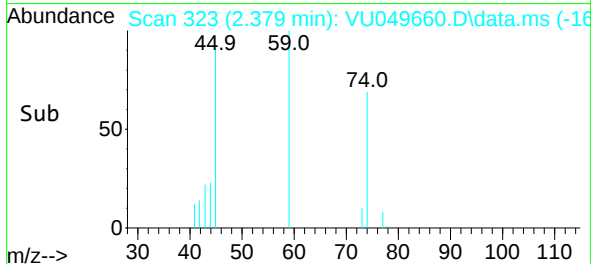
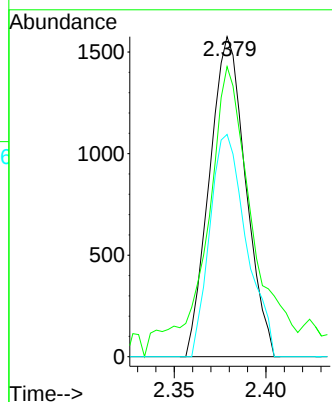
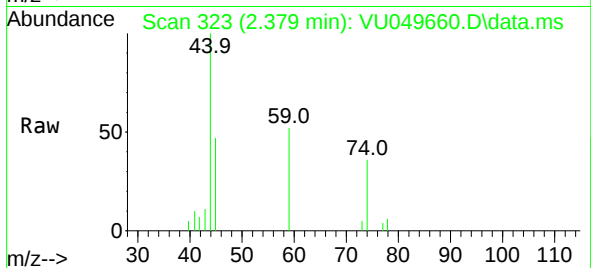
Ion	Ratio	Lower	Upper
59	100		
45	113.6	56.0	84.0
74	70.1	57.6	86.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#24

tert-Butyl Alcohol

Concen: 4.742 ug/l m

RT: 3.253 min Scan# 595

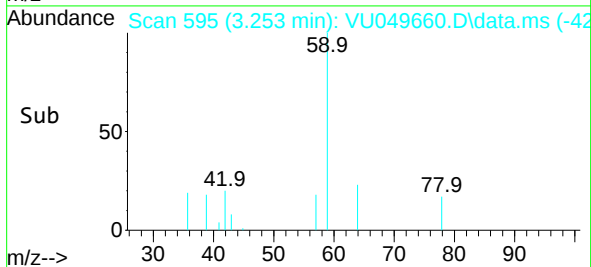
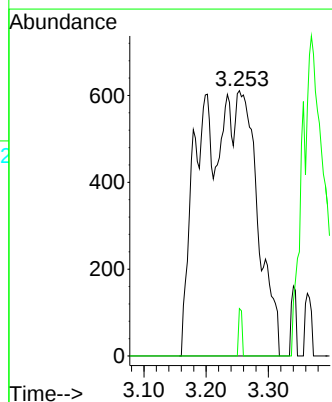
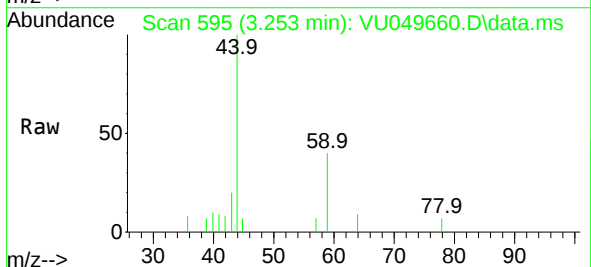
Delta R.T. 0.052 min

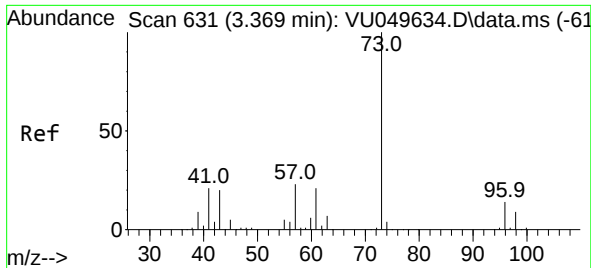
Lab File: VU049660.D

Acq: 08 Jul 2022 17:05

Tgt Ion: 59 Resp: 3864

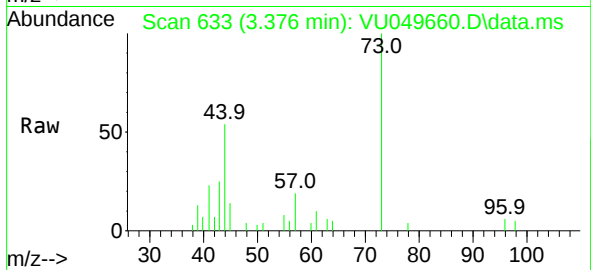
Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2





#25
Methyl tert-Butyl Ether
Concen: 0.304 ug/l
RT: 3.376 min Scan# 611
Delta R.T. 0.007 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

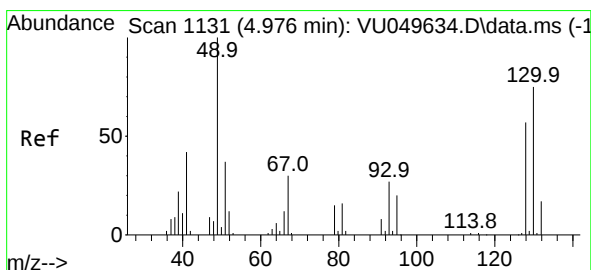
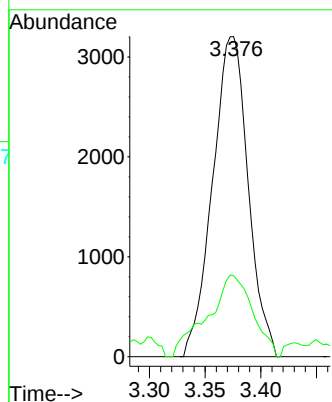
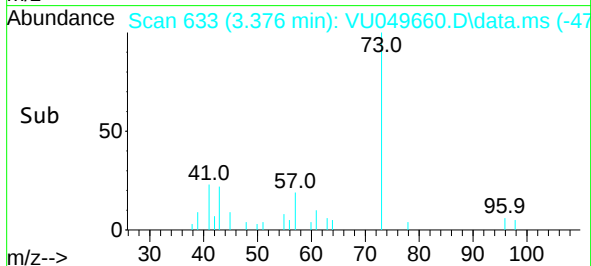
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022



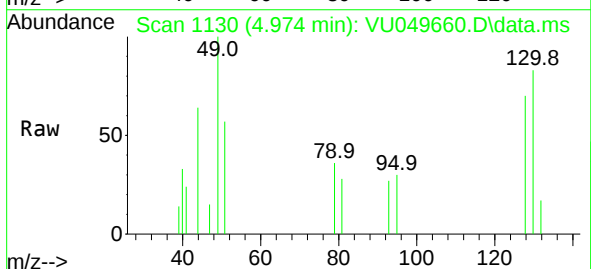
Tgt Ion: 73 Resp: 711
Ion Ratio Lower Upper
73 100
43 32.3 15.9 23.9

Manual Integrations
APPROVED

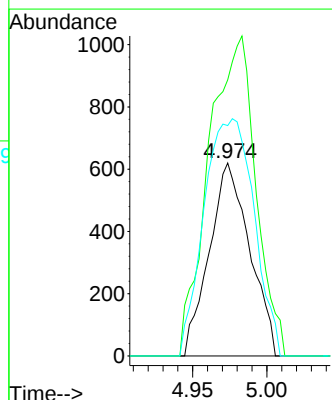
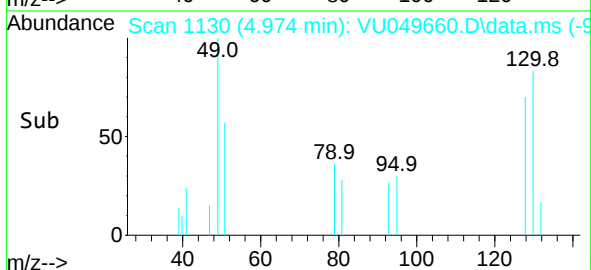
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

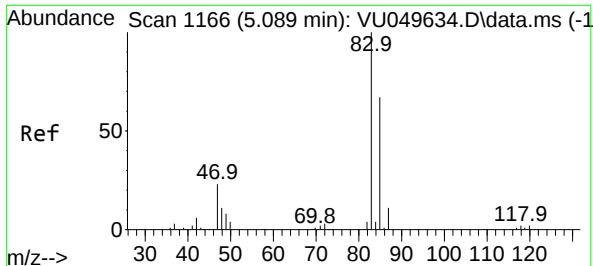


#26
Bromochloromethane
Concen: 0.256 ug/l
RT: 4.974 min Scan# 1130
Delta R.T. -0.003 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05



Tgt Ion:128 Resp: 1171
Ion Ratio Lower Upper
128 100
49 192.8 0.0 349.2
130 152.4 103.0 154.6





#27

Chloroform

Concen: 0.312 ug/l

RT: 5.093 min Scan# 1166

Delta R.T. 0.004 min

Lab File: VU049660.D

Acq: 08 Jul 2022 17:05

Instrument :

MSVOA_U

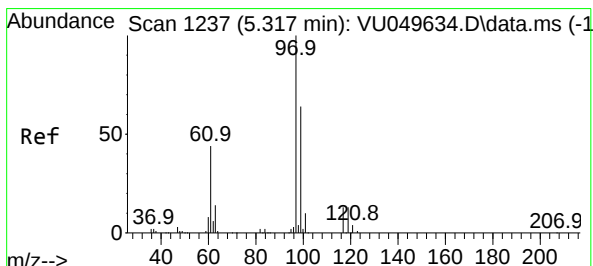
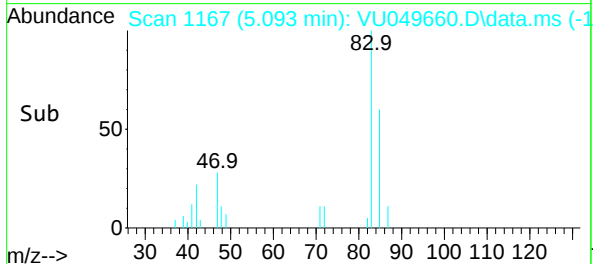
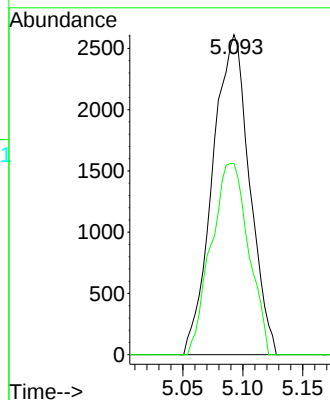
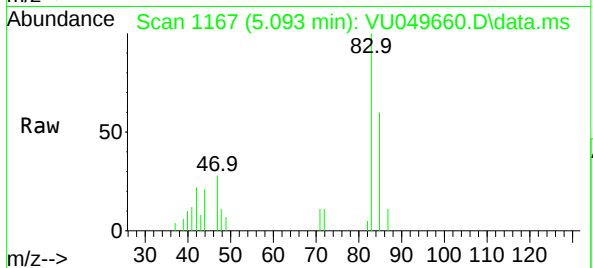
ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion: 83 Resp: 5588
 Ion Ratio Lower Upper
 83 100
 85 59.8 0.0 133.6

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/11/2022
 Supervised By :Mahesh Dadoda 07/11/2022



#28

1,1,1-Trichloroethane

Concen: 0.305 ug/l

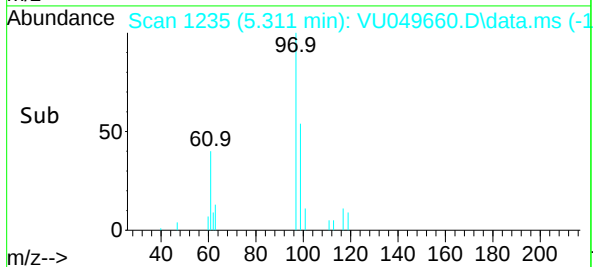
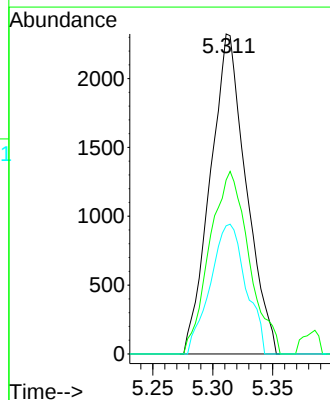
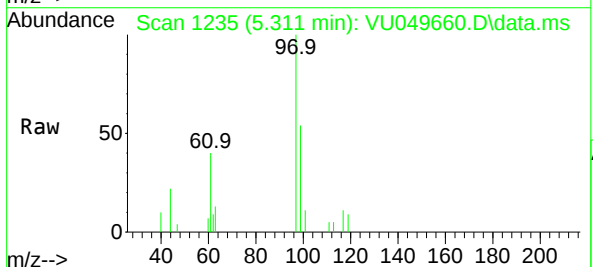
RT: 5.311 min Scan# 1235

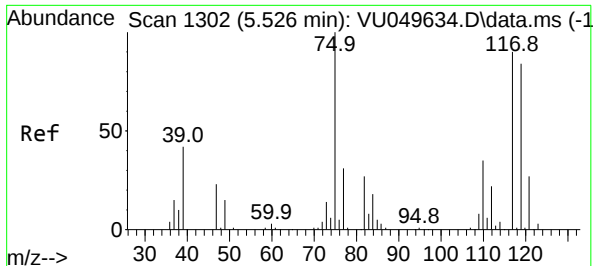
Delta R.T. -0.006 min

Lab File: VU049660.D

Acq: 08 Jul 2022 17:05

Tgt Ion: 97 Resp: 4826
 Ion Ratio Lower Upper
 97 100
 99 62.8 32.1 96.5
 61 40.3 21.8 65.4





#29

1,1-Dichloropropene

Concen: 0.268 ug/l

RT: 5.520 min Scan# 11

Delta R.T. -0.006 min

Lab File: VU049660.D

Acq: 08 Jul 2022 17:05

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion: 75 Resp: 3774

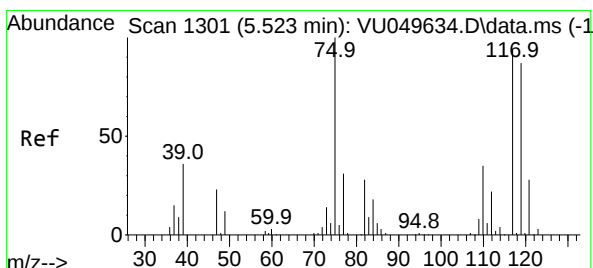
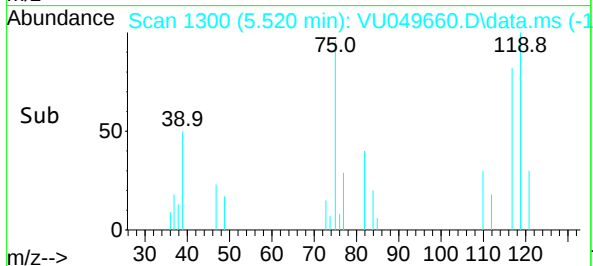
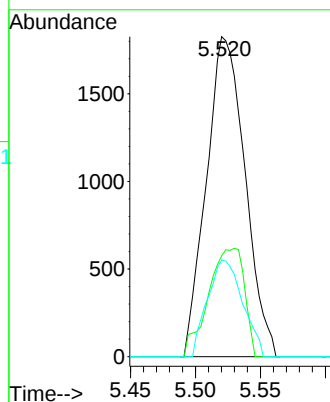
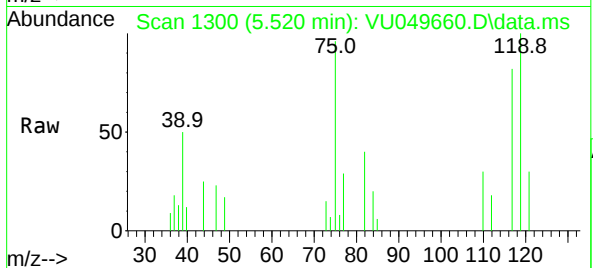
Ion	Ratio	Lower	Upper
75	100		
110	31.4	17.3	52.0
77	27.4	24.6	37.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#30

Carbon Tetrachloride

Concen: 0.284 ug/l

RT: 5.517 min Scan# 1299

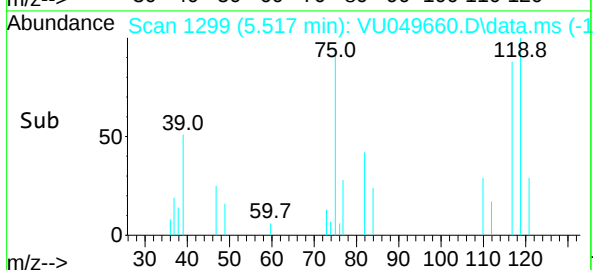
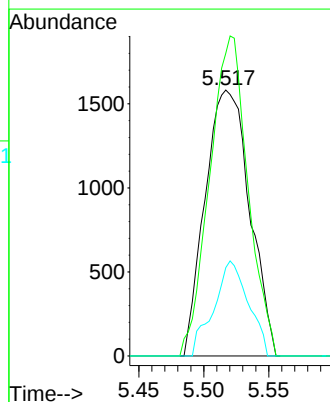
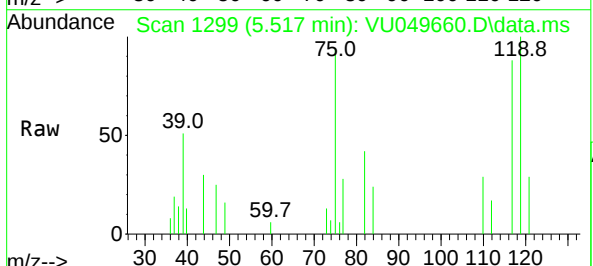
Delta R.T. -0.006 min

Lab File: VU049660.D

Acq: 08 Jul 2022 17:05

Tgt Ion:117 Resp: 3774

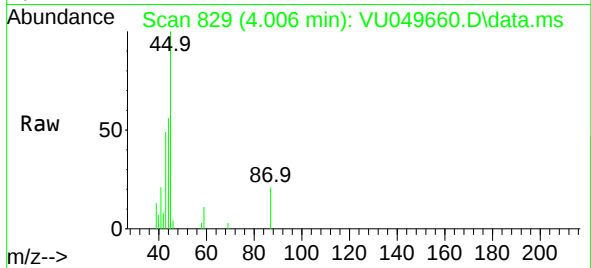
Ion	Ratio	Lower	Upper
117	100		
119	113.8	74.6	112.0#
121	33.2	24.2	36.4





#31
Isopropyl Ether
Concen: 0.308 ug/l
RT: 4.006 min Scan# 81
Delta R.T. 0.007 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

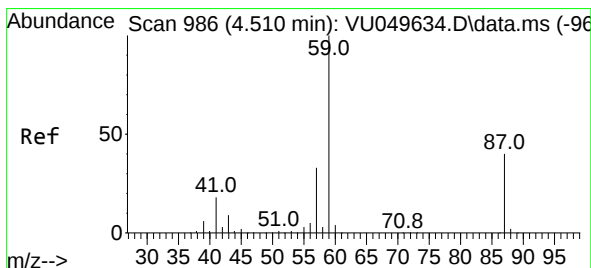
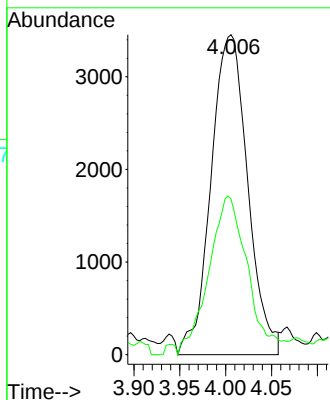
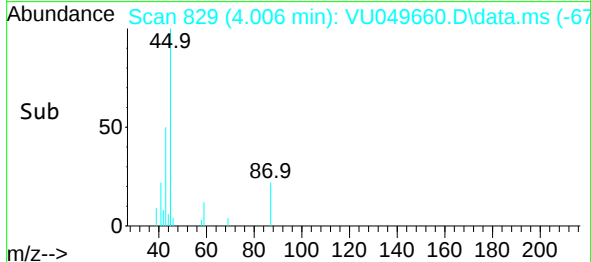
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 45 Resp: 9614
Ion Ratio Lower Upper
45 100
43 52.8 23.8 71.2

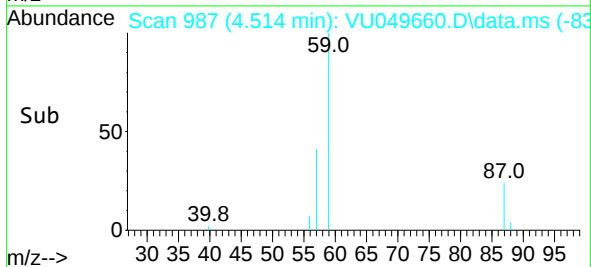
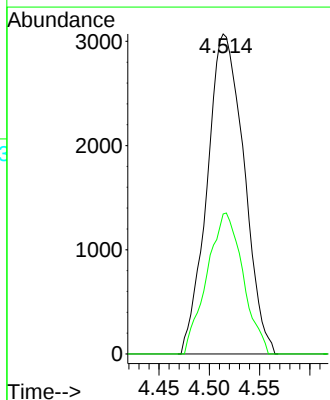
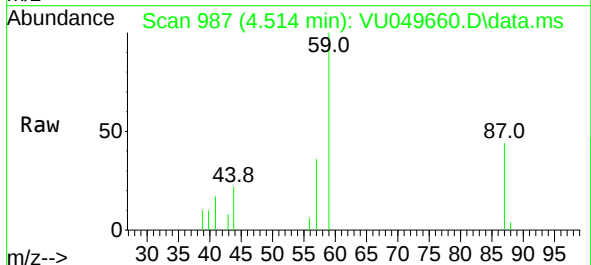
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#32
Ethyl-t-butyl ether
Concen: 0.265 ug/l
RT: 4.514 min Scan# 987
Delta R.T. 0.004 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

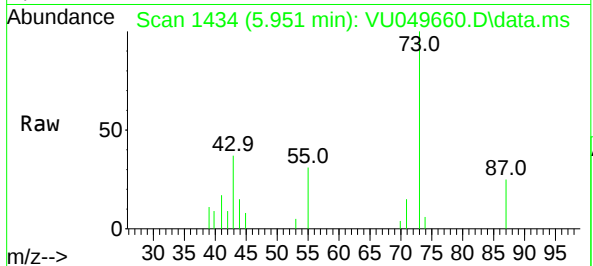
Tgt Ion: 59 Resp: 7829
Ion Ratio Lower Upper
59 100
87 43.1 32.5 48.7





#33
Tert-Amyl methyl ether
Concen: 0.259 ug/l
RT: 5.951 min Scan# 1432
Delta R.T. 0.007 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

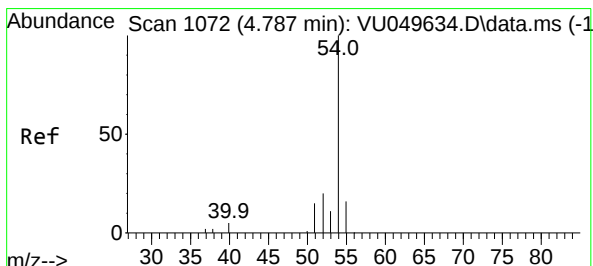
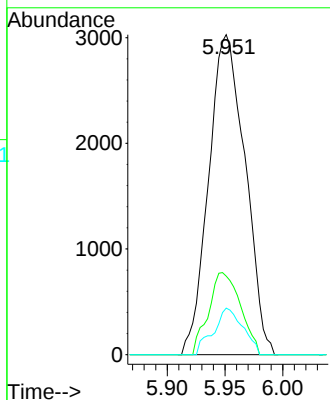
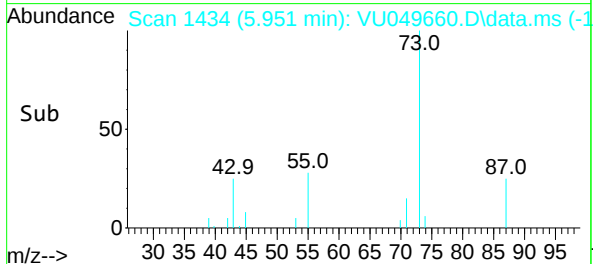
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 73 Resp: 665
Ion Ratio Lower Upper
73 100
87 22.5 19.7 29.5
71 11.8 9.0 13.4

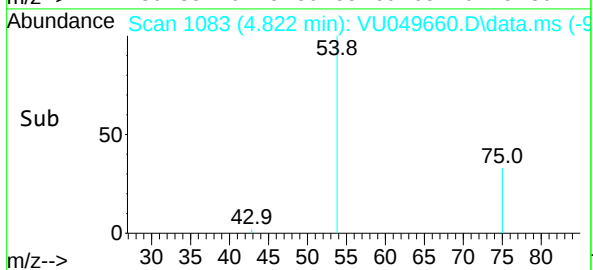
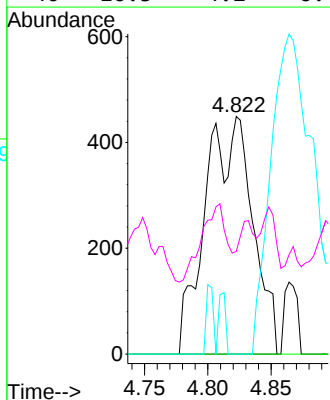
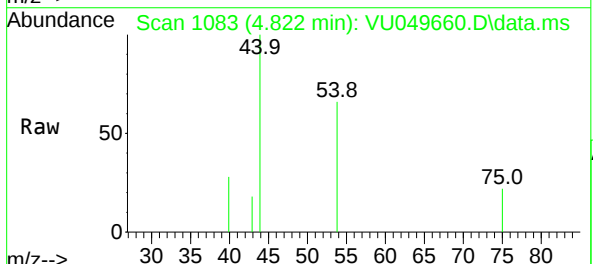
Manual Integrations
APPROVED

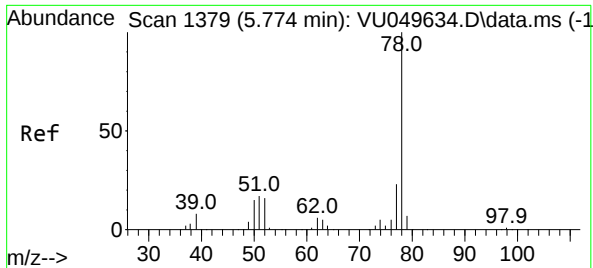
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#34
Propionitrile
Concen: 1.359 ug/l m
RT: 4.822 min Scan# 1083
Delta R.T. 0.035 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

Tgt Ion: 54 Resp: 1175
Ion Ratio Lower Upper
54 100
52 0.0 15.0 22.6#
55 4.2 12.6 19.0#
40 16.3 4.2 6.4#





#35

Benzene

Concen: 0.285 ug/l

RT: 5.777 min Scan# 1147

Delta R.T. 0.004 min

Lab File: VU049660.D

Acq: 08 Jul 2022 17:05

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion: 78 Resp: 1147

Ion Ratio Lower Upper

78 100

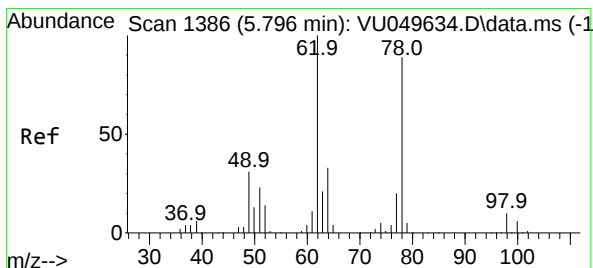
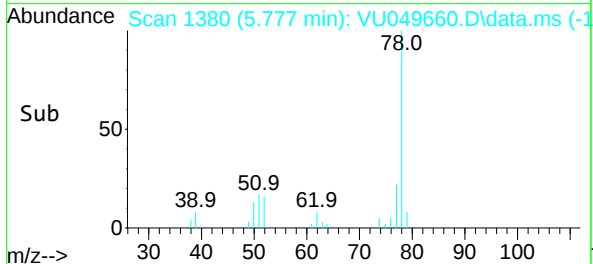
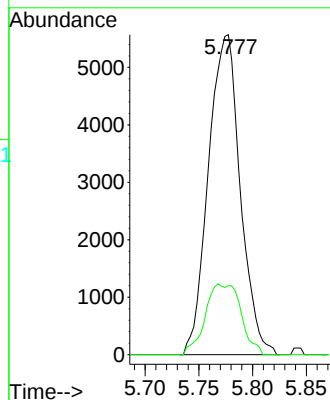
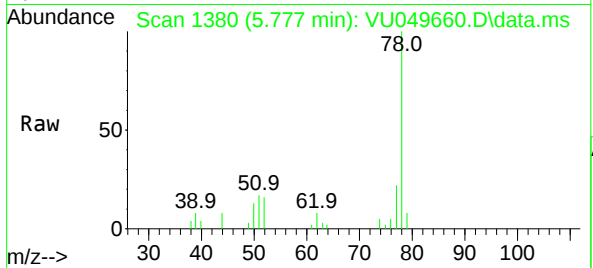
77 21.6 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#36

1,2-Dichloroethane

Concen: 0.320 ug/l

RT: 5.800 min Scan# 1387

Delta R.T. 0.004 min

Lab File: VU049660.D

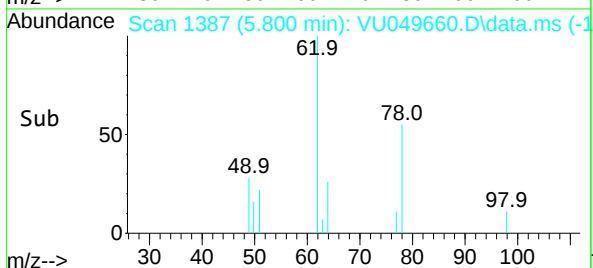
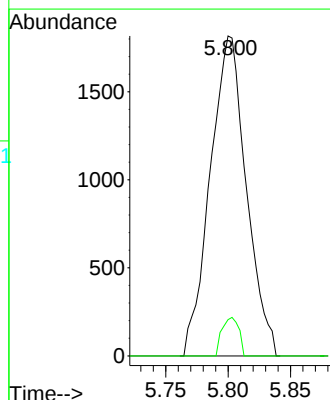
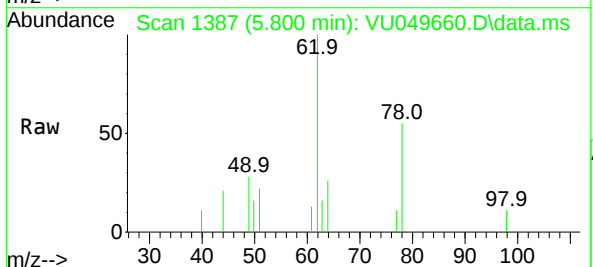
Acq: 08 Jul 2022 17:05

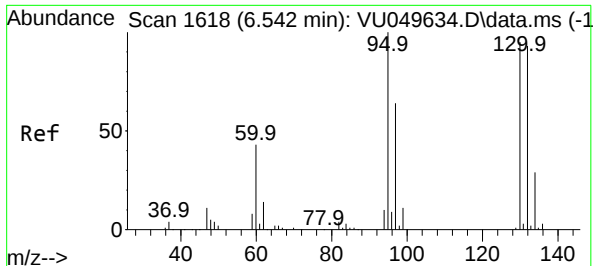
Tgt Ion: 62 Resp: 3663

Ion Ratio Lower Upper

62 100

98 5.6 7.4 11.0#





#37

Trichloroethene

Concen: 0.280 ug/l

RT: 6.543 min Scan# 1618

Delta R.T. 0.001 min

Lab File: VU049660.D

Acq: 08 Jul 2022 17:05

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion:130 Resp: 2840

Ion Ratio Lower Upper

130 100

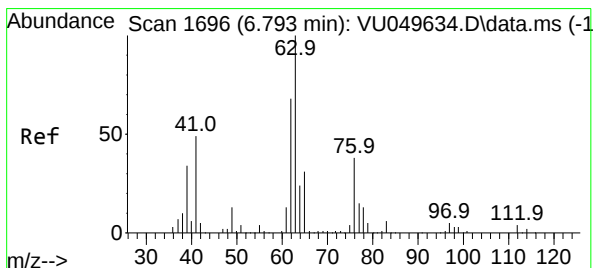
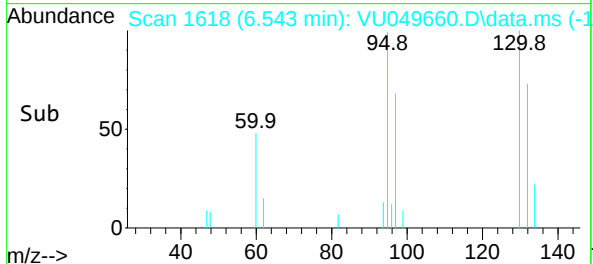
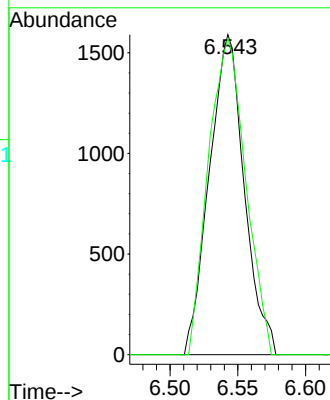
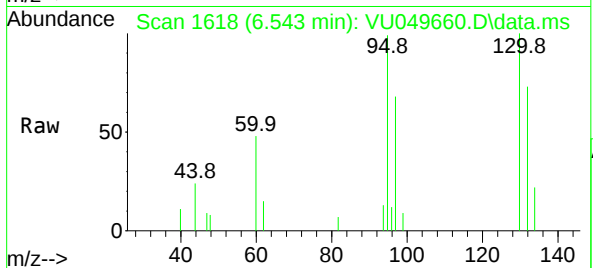
95 98.7 83.8 125.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#38

1,2-Dichloropropane

Concen: 0.311 ug/l

RT: 6.793 min Scan# 1696

Delta R.T. 0.000 min

Lab File: VU049660.D

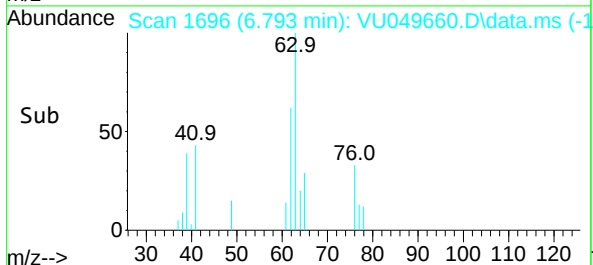
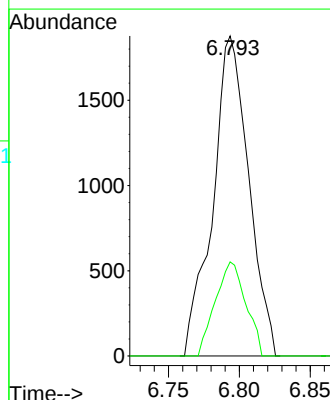
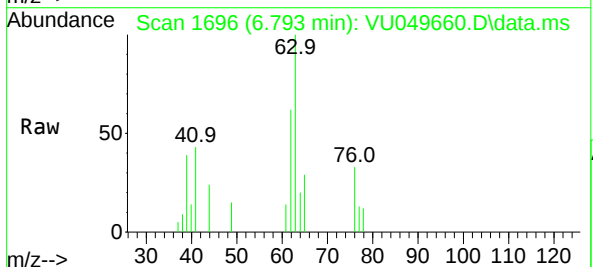
Acq: 08 Jul 2022 17:05

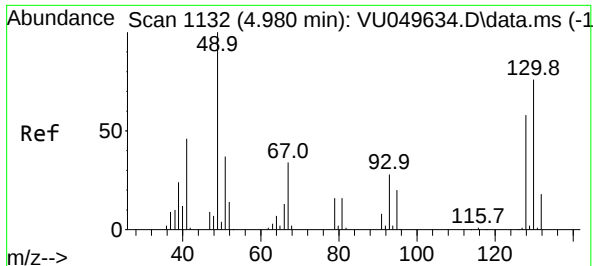
Tgt Ion: 63 Resp: 3315

Ion Ratio Lower Upper

63 100

65 29.4 25.0 37.4





#39

Methacrylonitrile

Concen: 0.263 ug/l

RT: 4.986 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VU049660.D

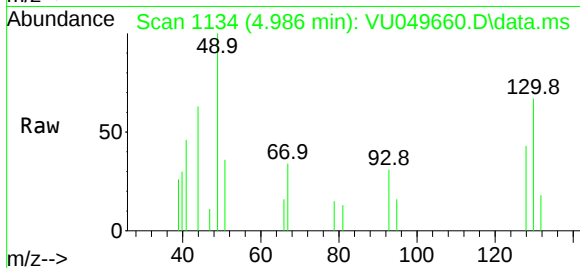
Acq: 08 Jul 2022 17:05

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2022



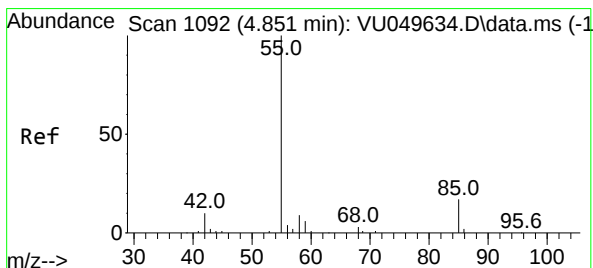
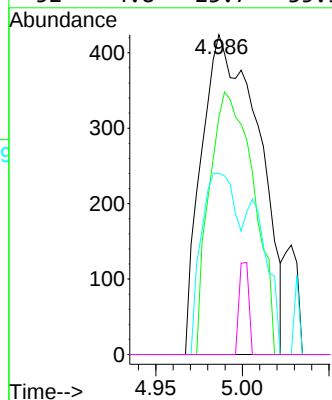
Tgt Ion:	41	Resp:	97
Ion	Ratio	Lower	Upper
41	100		
67	63.5	59.4	89.0
39	35.6	42.2	63.2
52	4.8	23.7	35.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#40

Methyl acrylate

Concen: 0.266 ug/l

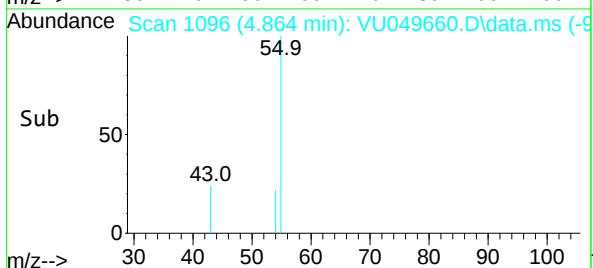
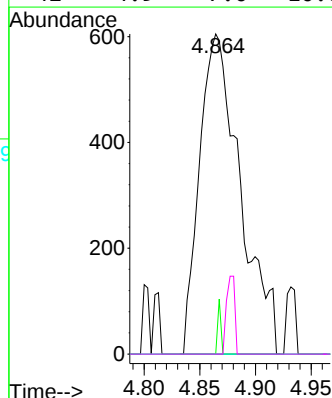
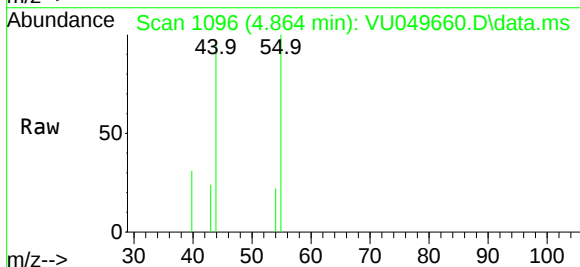
RT: 4.864 min Scan# 1096

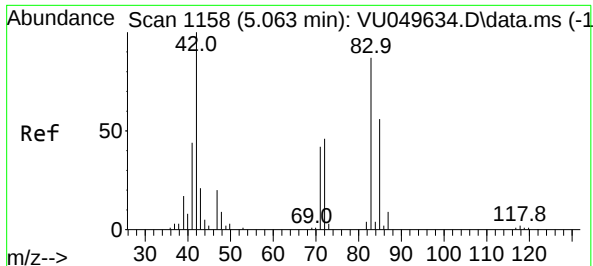
Delta R.T. 0.013 min

Lab File: VU049660.D

Acq: 08 Jul 2022 17:05

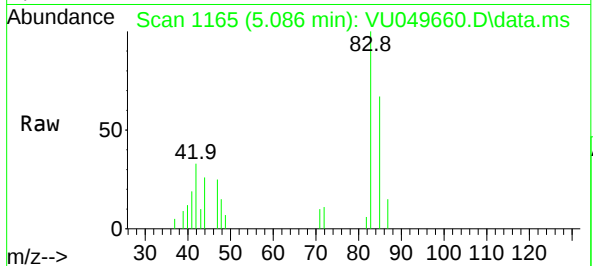
Tgt Ion:	55	Resp:	1543
Ion	Ratio	Lower	Upper
55	100		
85	0.0	13.5	20.3
58	0.0	7.0	10.4
42	4.9	7.0	10.6





#41
Tetrahydrofuran
Concen: 0.820 ug/l
RT: 5.086 min Scan# 1158
Delta R.T. 0.023 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

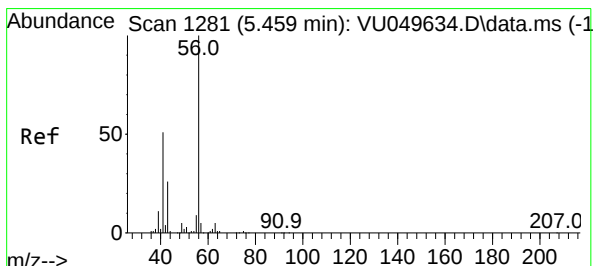
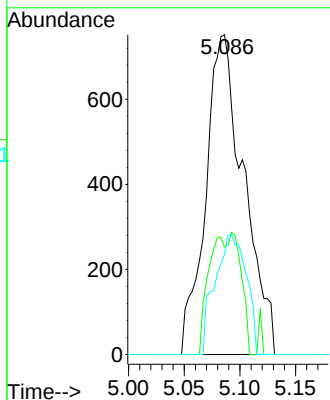
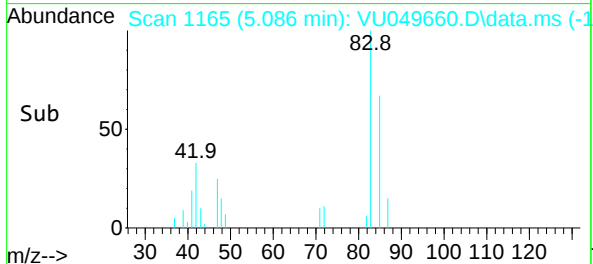
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022



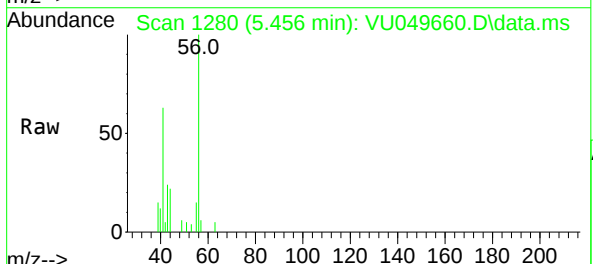
Tgt Ion: 42 Resp: 179
Ion Ratio Lower Upper
42 100
72 16.8 38.9 58.3
71 30.5 33.7 50.5

Manual Integrations
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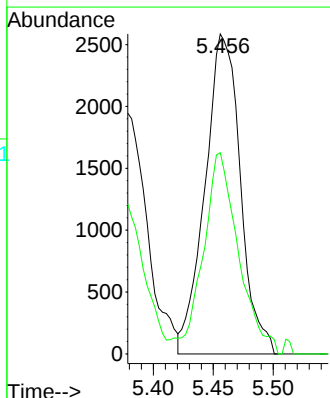
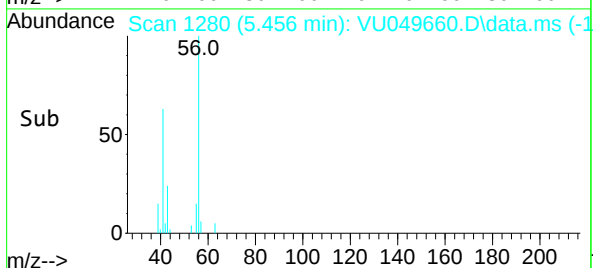
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

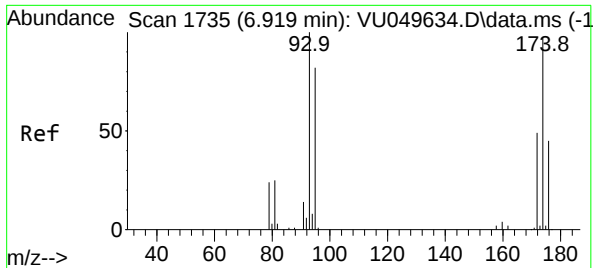


#42
1-Chlorobutane
Concen: 0.268 ug/l
RT: 5.456 min Scan# 1280
Delta R.T. -0.003 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05



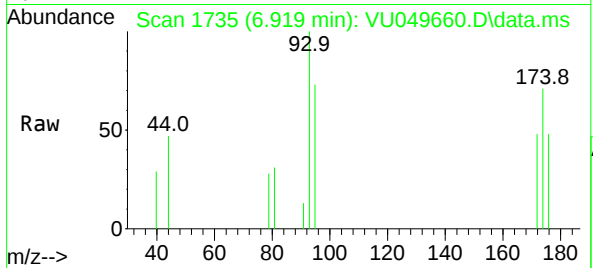
Tgt Ion: 56 Resp: 5294
Ion Ratio Lower Upper
56 100
41 62.1 26.4 79.2





#43
Dibromomethane
Concen: 0.296 ug/l
RT: 6.919 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

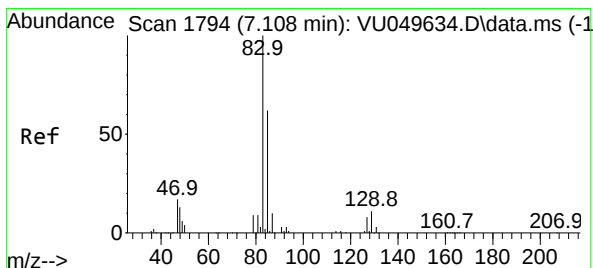
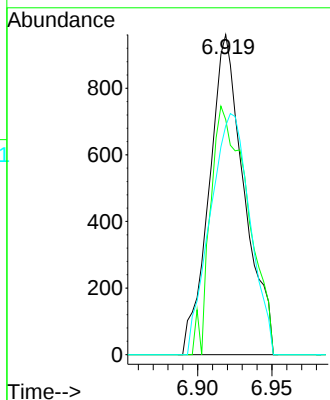
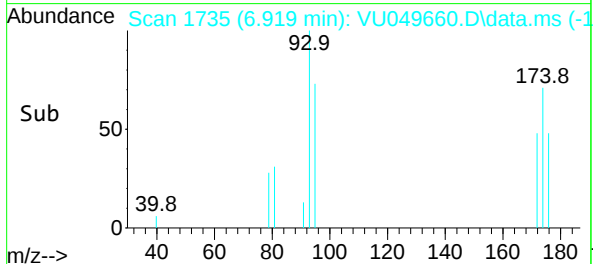
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022



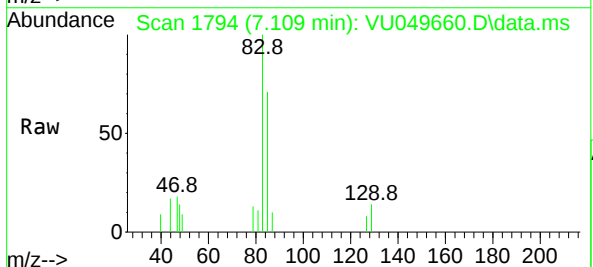
Tgt Ion: 93 Resp: 1572
Ion Ratio Lower Upper
93 100
95 83.1 65.0 97.6
174 85.7 76.3 114.5

Manual Integrations
APPROVED

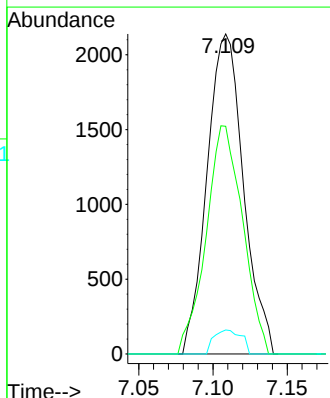
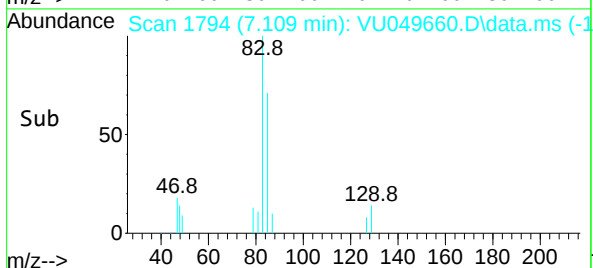
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#44
Bromodichloromethane
Concen: 0.287 ug/l
RT: 7.109 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05



Tgt Ion: 83 Resp: 3653
Ion Ratio Lower Upper
83 100
85 71.2 49.4 74.0
127 7.5 6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 1.439 ug/l

RT: 7.803 min Scan# 2010

Delta R.T. 0.007 min

Lab File: VU049660.D

Acq: 08 Jul 2022 17:05

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2022

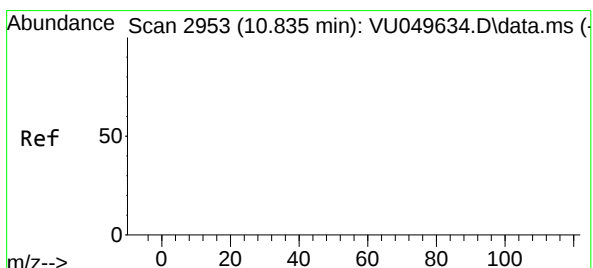
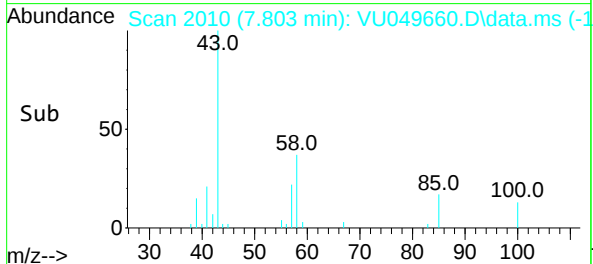
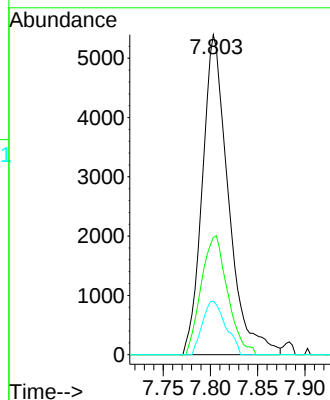
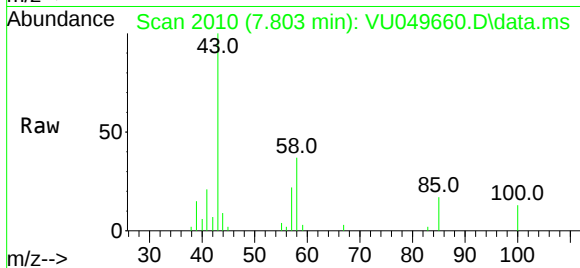
Tgt Ion: 43	Resp: 1035
Ion Ratio	Lower Upper
43 100	
58 37.6	20.3 61.0
85 14.8	14.6 21.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#46

t-1,4-Dichloro-2-butene

Concen: 0.484 ug/l m

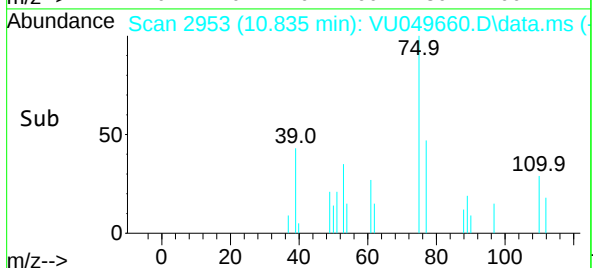
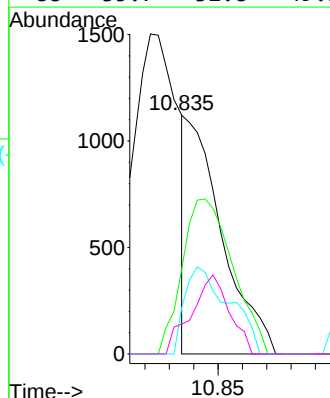
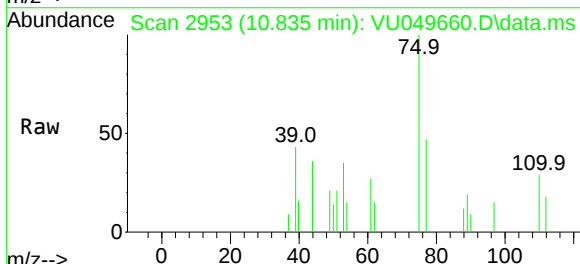
RT: 10.835 min Scan# 2953

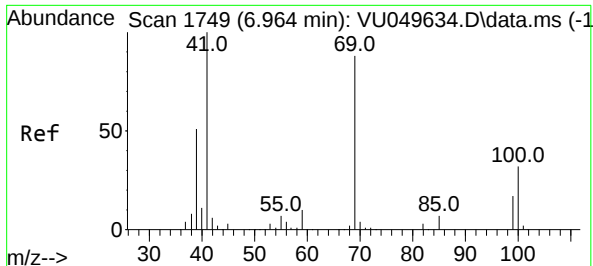
Delta R.T. 0.000 min

Lab File: VU049660.D

Acq: 08 Jul 2022 17:05

Tgt Ion: 75	Resp: 1133
Ion Ratio	Lower Upper
75 100	
53 92.8	64.4 96.6
89 45.9	44.2 66.2
88 35.7	32.8 49.2





#47

Methyl methacrylate

Concen: 0.455 ug/l

RT: 6.973 min Scan# 1752

Delta R.T. 0.010 min

Lab File: VU049660.D

Acq: 08 Jul 2022 17:05

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2022

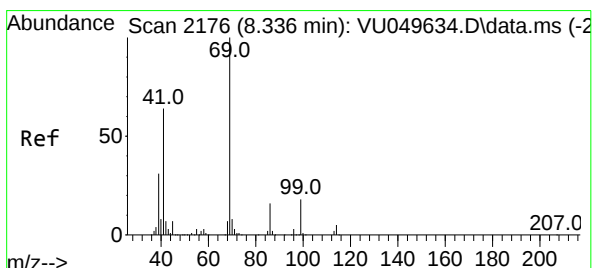
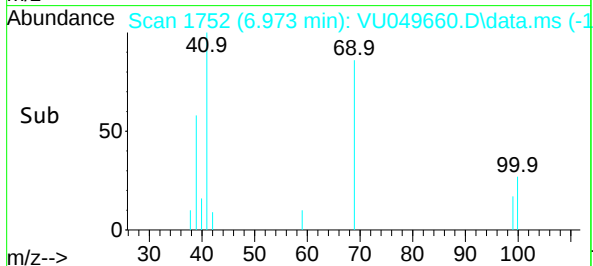
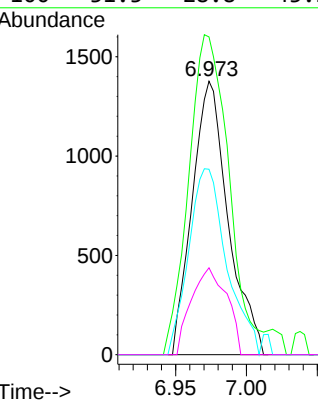
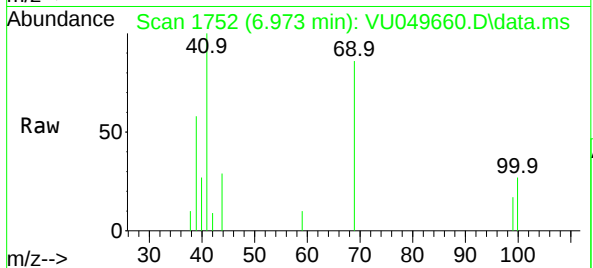
Tgt Ion:	69	Resp:	2434
Ion	Ratio	Lower	Upper
69	100		
41	130.3	0.0	225.4
39	71.8	45.8	68.8
100	31.3	28.8	43.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#48

Ethyl methacrylate

Concen: 0.230 ug/l

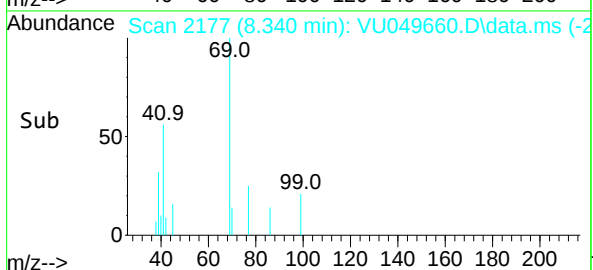
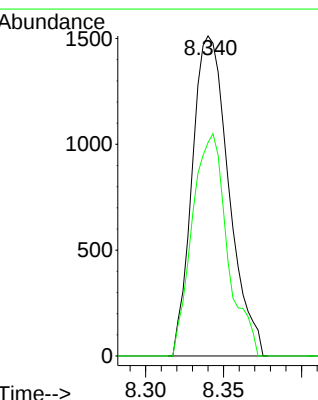
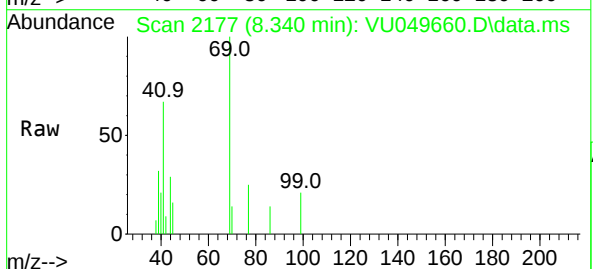
RT: 8.340 min Scan# 2177

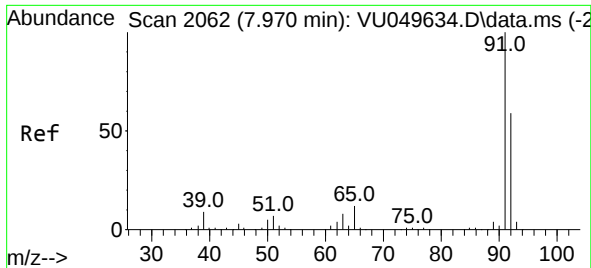
Delta R.T. 0.004 min

Lab File: VU049660.D

Acq: 08 Jul 2022 17:05

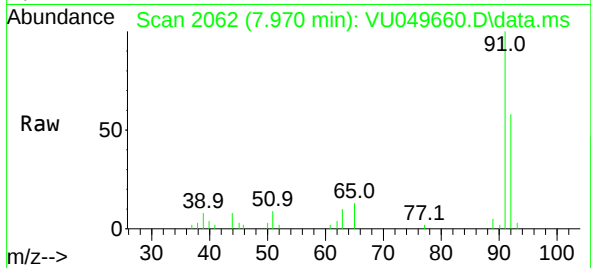
Tgt Ion:	69	Resp:	2464
Ion	Ratio	Lower	Upper
69	100		
41	66.7	32.3	96.9





#49
Toluene
Concen: 0.248 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

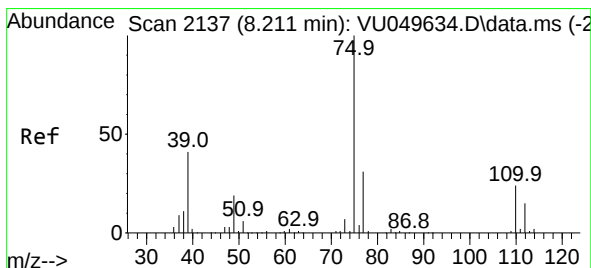
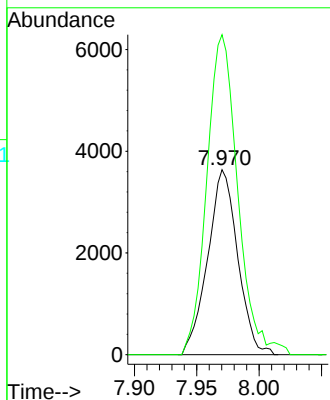
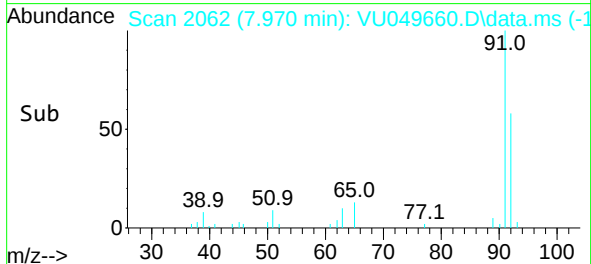
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT2-2022



Tgt Ion: 92 Resp: 609
Ion Ratio Lower Upper
92 100
91 175.9 138.6 207.8

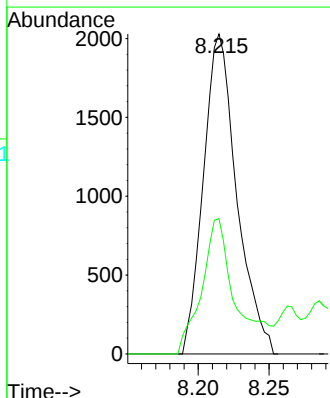
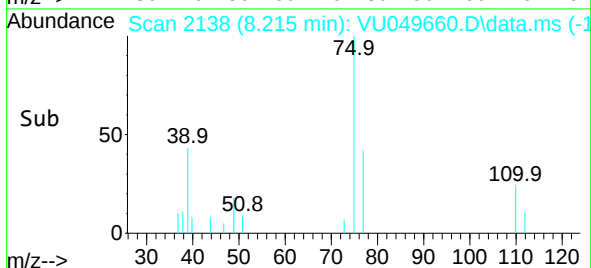
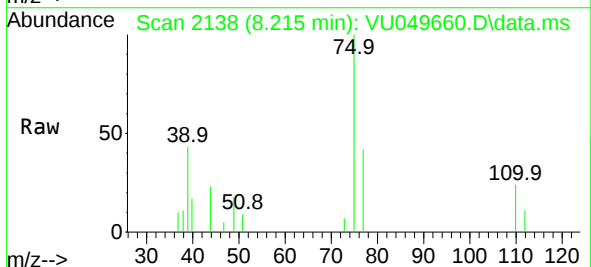
Manual Integrations
APPROVED

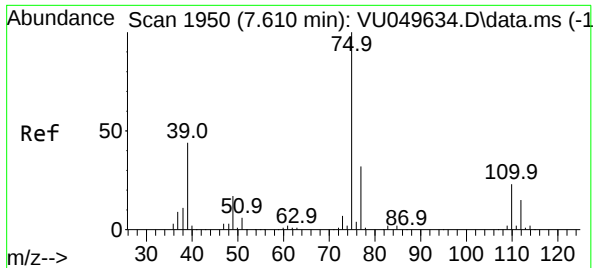
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#50
t-1,3-Dichloropropene
Concen: 0.270 ug/l
RT: 8.215 min Scan# 2138
Delta R.T. 0.004 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

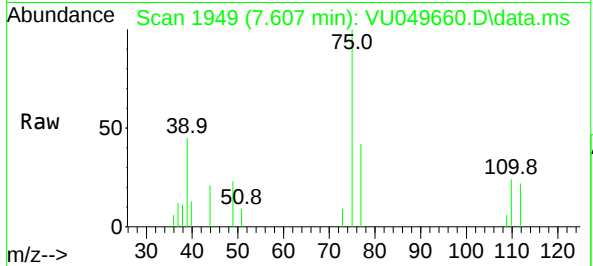
Tgt Ion: 75 Resp: 3318
Ion Ratio Lower Upper
75 100
77 42.3 24.7 37.1#





#51
 cis-1,3-Dichloropropene
 Concen: 0.244 ug/l
 RT: 7.607 min Scan# 1949
 Delta R.T. -0.003 min
 Lab File: VU049660.D
 Acq: 08 Jul 2022 17:05

Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT2-2022

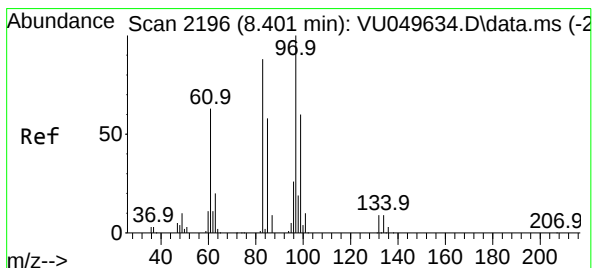
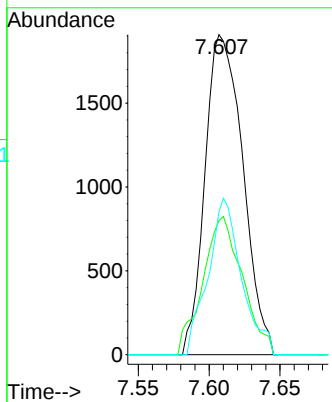
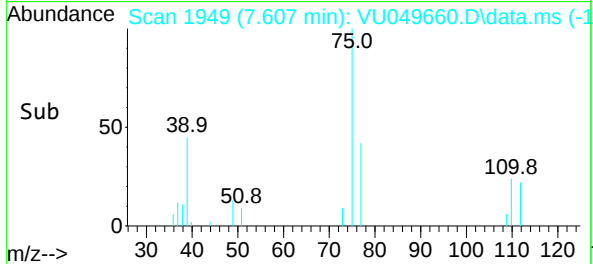


Tgt Ion: 75 Resp: 354

Ion	Ratio	Lower	Upper
75	100		
77	42.0	25.4	38.0
39	44.7	35.1	52.7

Manual Integrations
 APPROVED

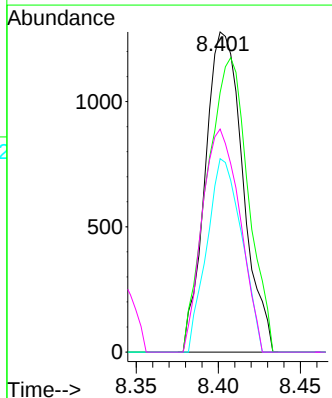
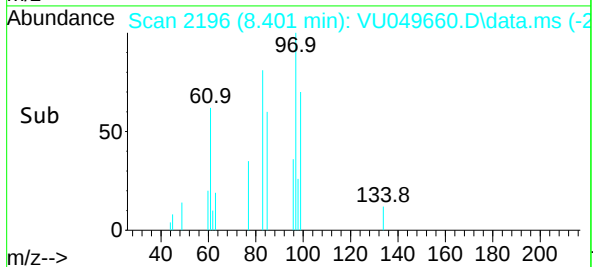
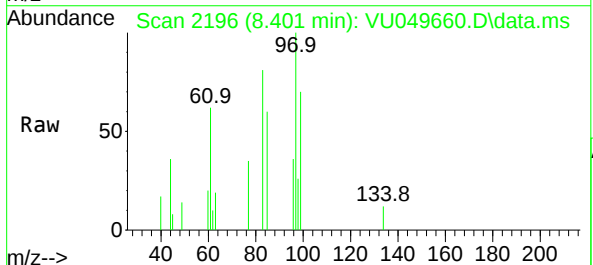
Reviewed By :Krupa Patel 07/11/2022
 Supervised By :Mahesh Dadoda 07/11/2022



#52
 1,1,2-Trichloroethane
 Concen: 0.279 ug/l
 RT: 8.401 min Scan# 2196
 Delta R.T. 0.000 min
 Lab File: VU049660.D
 Acq: 08 Jul 2022 17:05

Tgt Ion: 97 Resp: 2041

Ion	Ratio	Lower	Upper
97	100		
83	81.1	70.6	106.0
85	60.4	46.2	69.4
99	69.6	50.0	75.0





#53

1,3-Dichloropropane

Concen: 0.301 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU049660.D

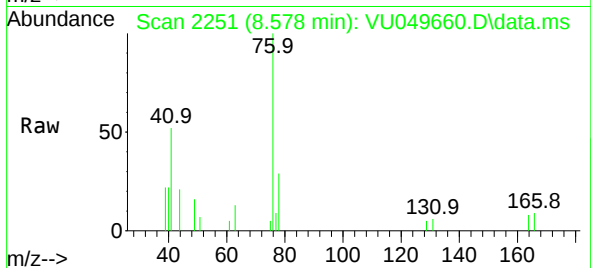
Acq: 08 Jul 2022 17:05

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2022



Tgt Ion: 76 Resp: 3950

Ion Ratio Lower Upper

76 100

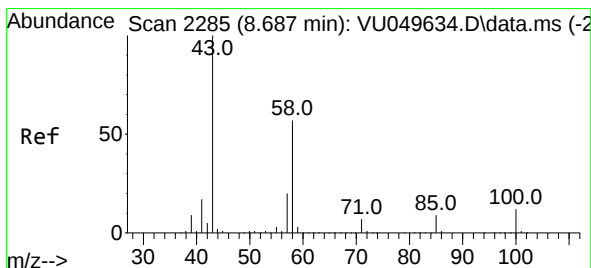
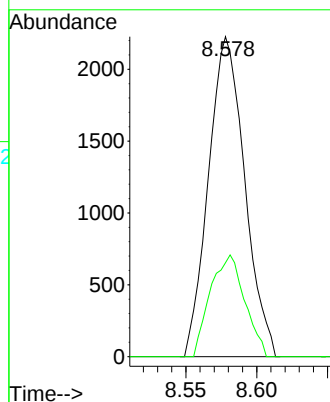
78 30.2 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#54

2-Hexanone

Concen: 1.454 ug/l

RT: 8.697 min Scan# 2288

Delta R.T. 0.010 min

Lab File: VU049660.D

Acq: 08 Jul 2022 17:05

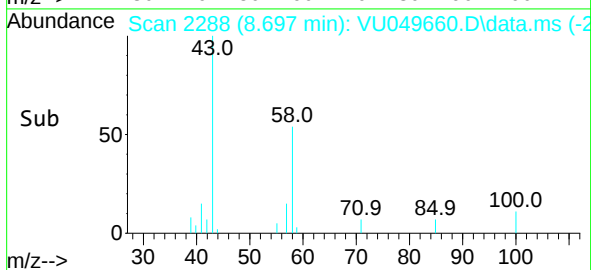
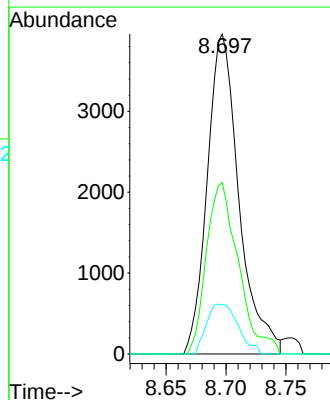
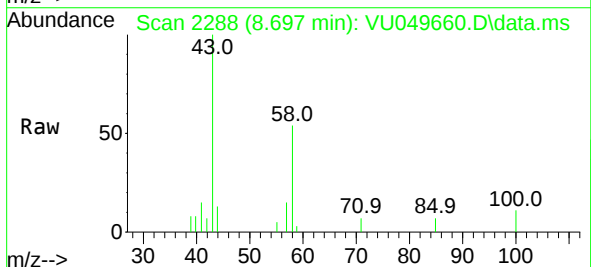
Tgt Ion: 43 Resp: 7270

Ion Ratio Lower Upper

43 100

58 54.1 37.1 77.1

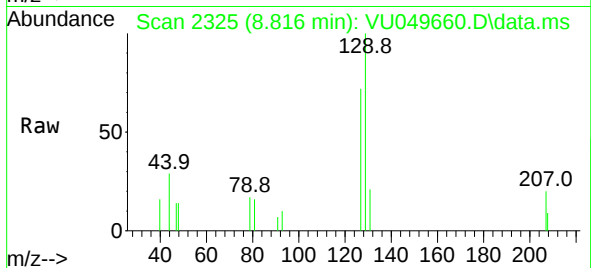
57 15.5 0.0 39.5





#55
Dibromochloromethane
Concen: 0.285 ug/l
RT: 8.816 min Scan# 2325
Delta R.T. 0.007 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

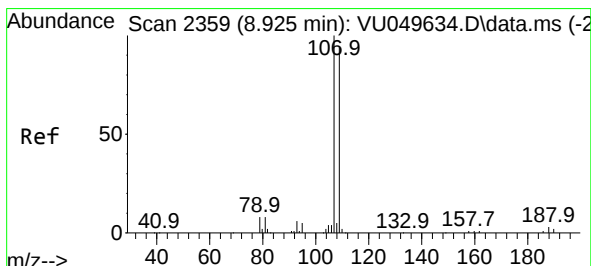
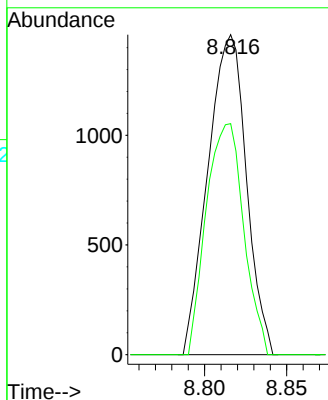
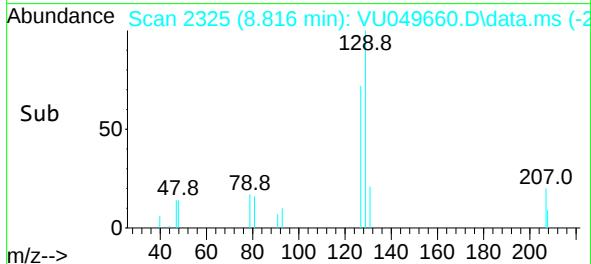
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT2-2022



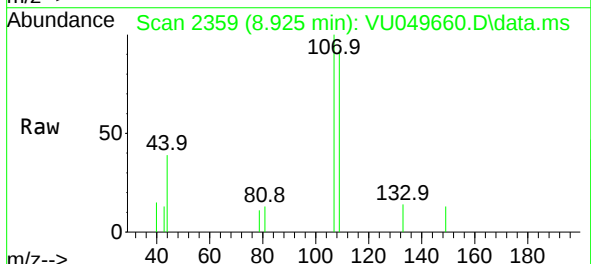
Tgt Ion:129 Resp: 2379
Ion Ratio Lower Upper
129 100
127 70.0 61.2 91.8

Manual Integrations
APPROVED

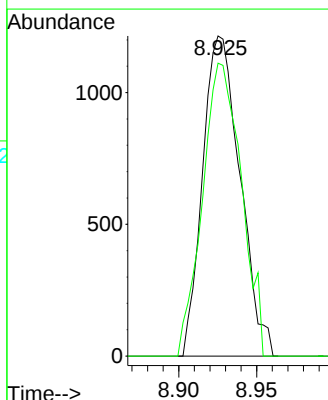
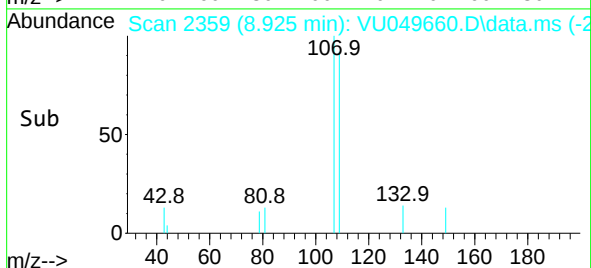
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#56
1,2-Dibromoethane
Concen: 0.286 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. 0.000 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05



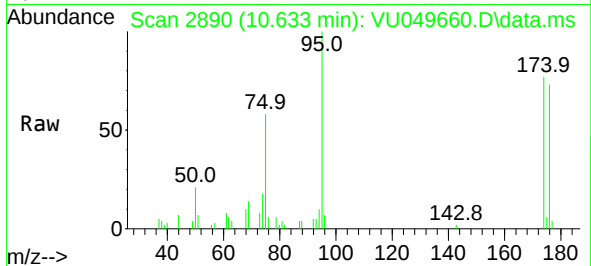
Tgt Ion:107 Resp: 2026
Ion Ratio Lower Upper
107 100
109 95.3 0.0 187.2





#57
4-Bromofluorobenzene
Concen: 0.829 ug/l
RT: 10.633 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

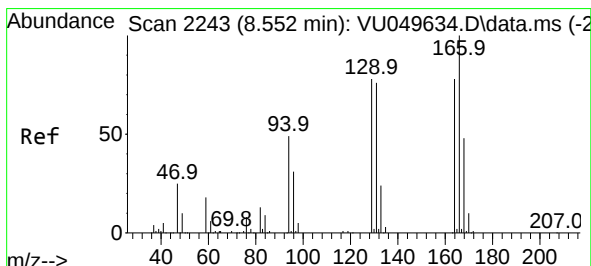
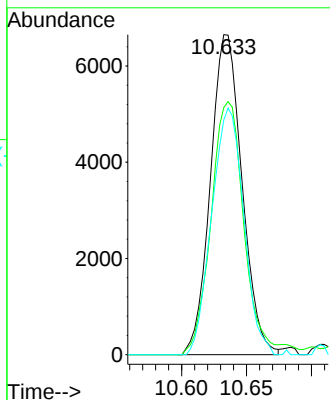
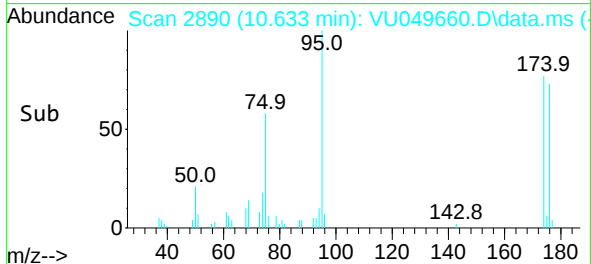
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT2-2022



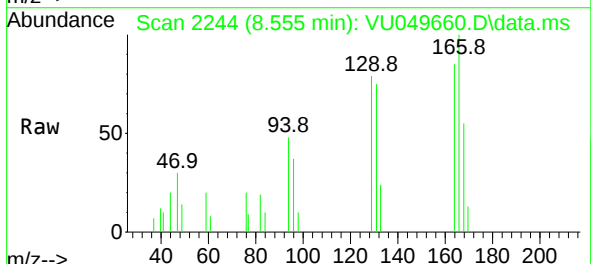
Tgt Ion: 95 Resp: 11228
Ion Ratio Lower Upper
95 100
174 83.4 62.4 93.6
176 78.1 56.2 84.2

Manual Integrations
APPROVED

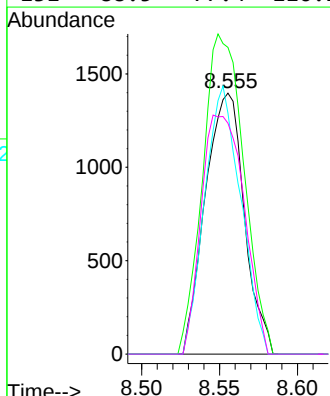
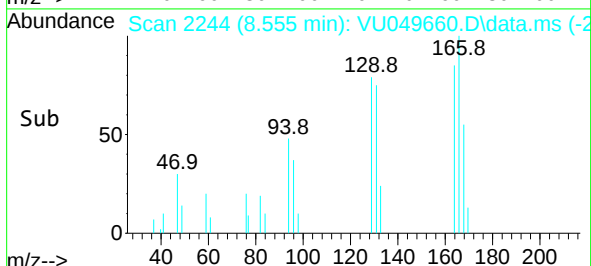
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

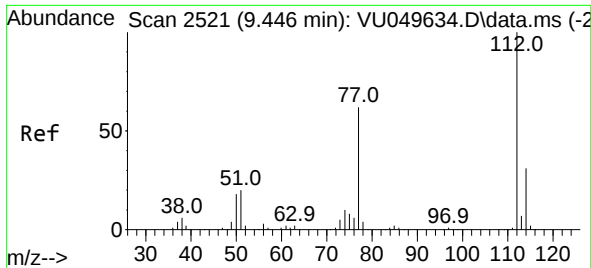


#58
Tetrachloroethene
Concen: 0.288 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.004 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05



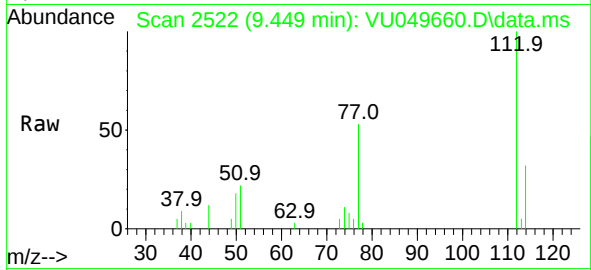
Tgt Ion:164 Resp: 2430
Ion Ratio Lower Upper
164 100
166 117.5 102.4 153.6
129 92.3 79.5 119.3
131 88.5 77.4 116.2





#59
Chlorobenzene
Concen: 0.272 ug/l
RT: 9.449 min Scan# 2150
Delta R.T. 0.004 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

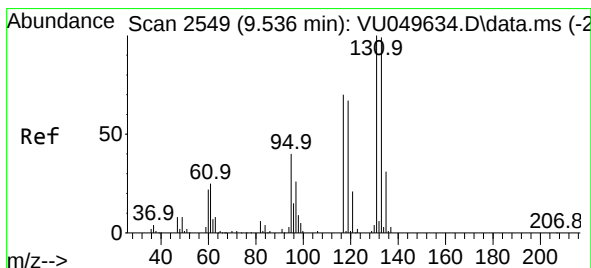
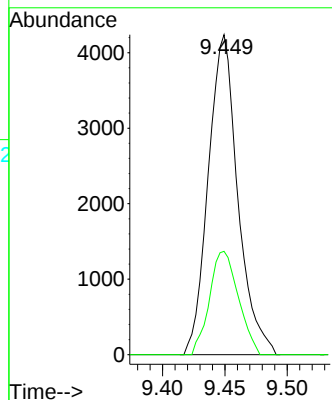
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022



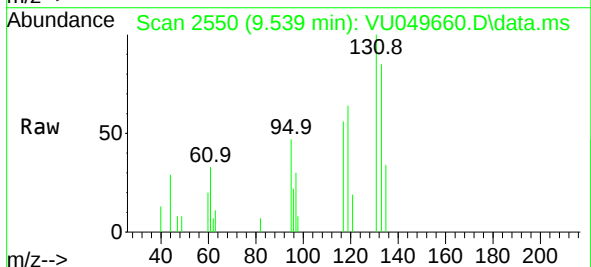
Tgt Ion:112 Resp: 6984
Ion Ratio Lower Upper
112 100
114 32.3 24.9 37.3

Manual Integrations
APPROVED

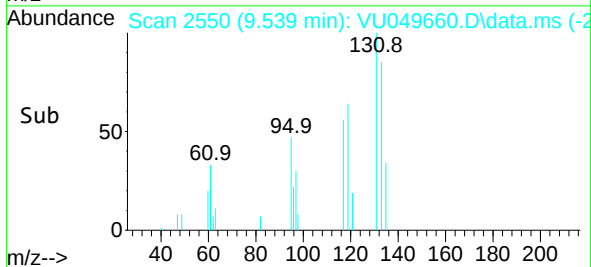
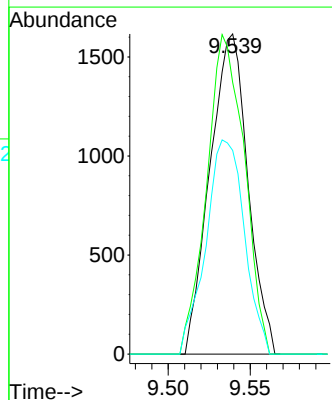
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

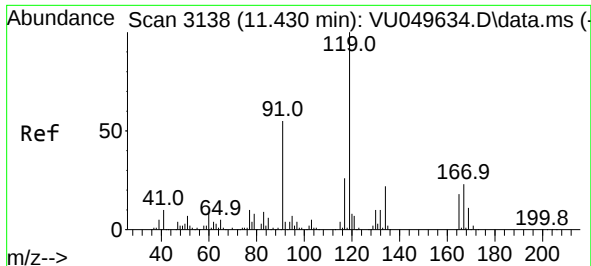


#60
1,1,1,2-Tetrachloroethane
Concen: 0.284 ug/l
RT: 9.539 min Scan# 2550
Delta R.T. 0.004 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05



Tgt Ion:131 Resp: 2599
Ion Ratio Lower Upper
131 100
133 98.5 78.3 117.5
119 67.8 53.2 79.8





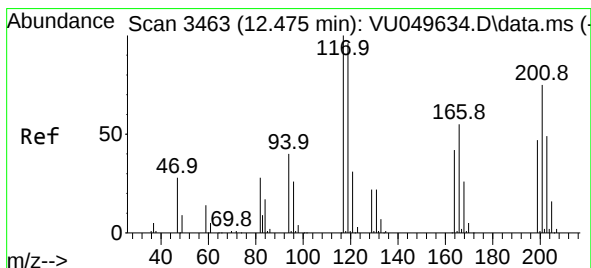
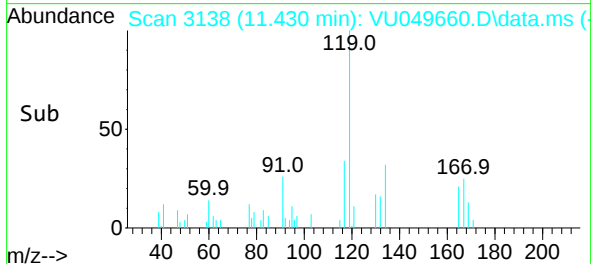
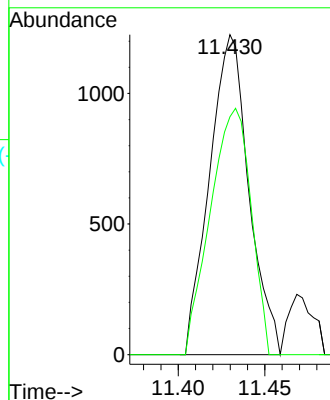
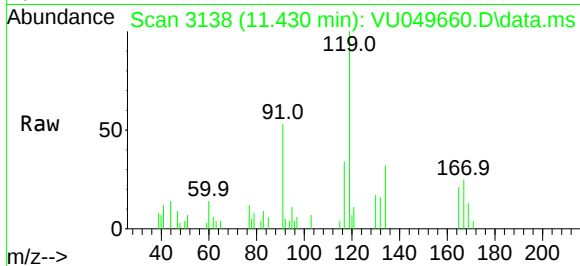
#61
Pentachloroethane
Concen: 0.276 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. 0.000 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

Tgt Ion:117 Resp: 1938
Ion Ratio Lower Upper
117 100
167 79.5 66.2 99.4

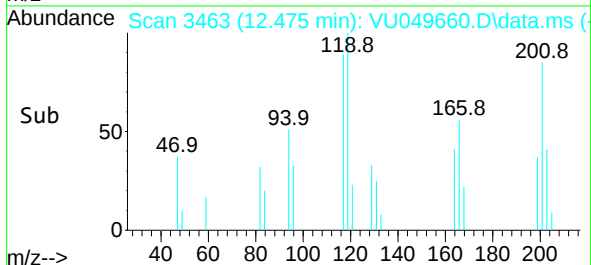
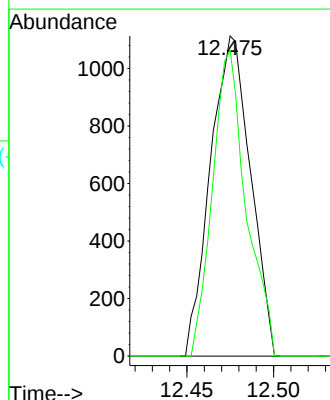
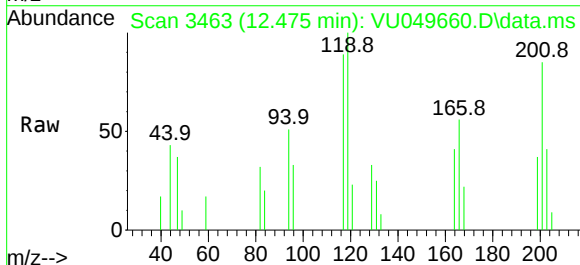
Manual Integrations
APPROVED

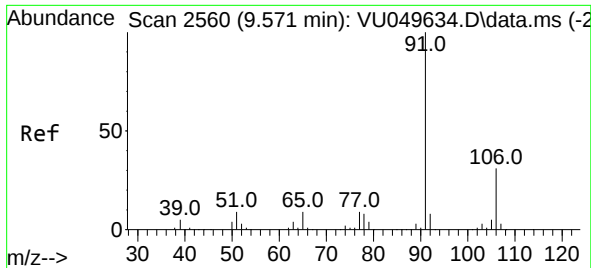
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#62
Hexachloroethane
Concen: 0.255 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. 0.000 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

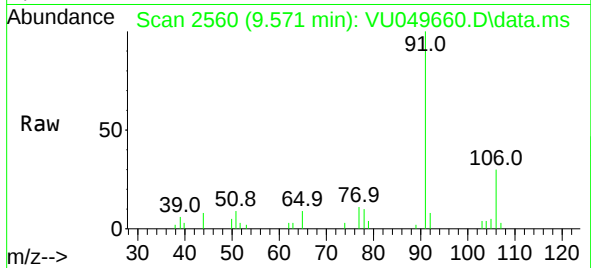
Tgt Ion:117 Resp: 1789
Ion Ratio Lower Upper
117 100
201 80.3 61.0 91.4





#63
Ethyl Benzene
Concen: 0.244 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

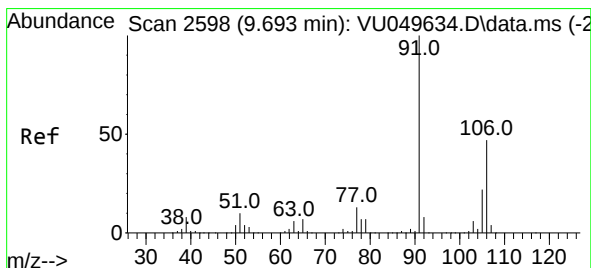
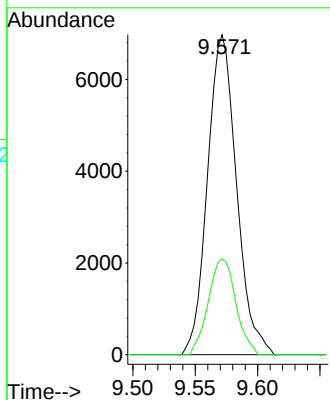
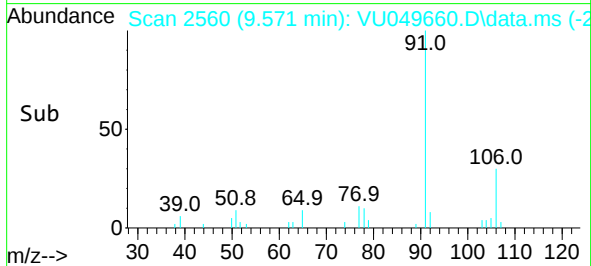
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT2-2022



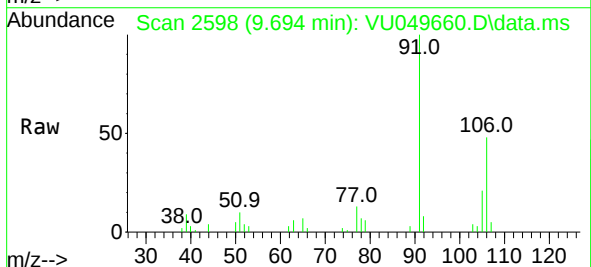
Tgt Ion: 91 Resp: 11300
Ion Ratio Lower Upper
91 100
106 29.9 24.4 36.6

Manual Integrations
APPROVED

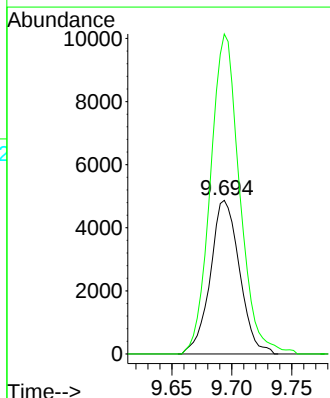
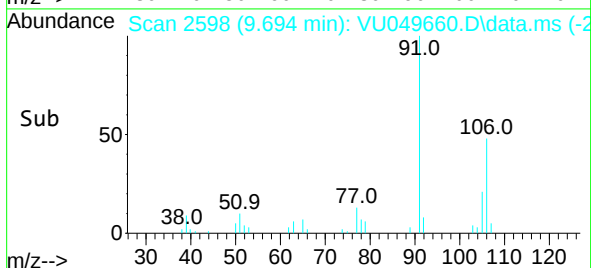
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

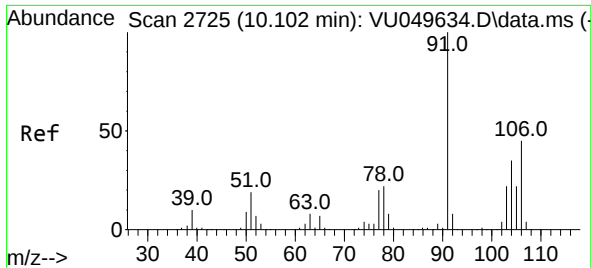


#64
m/p-Xylenes
Concen: 0.482 ug/l
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05



Tgt Ion:106 Resp: 8246
Ion Ratio Lower Upper
106 100
91 208.4 167.8 251.6





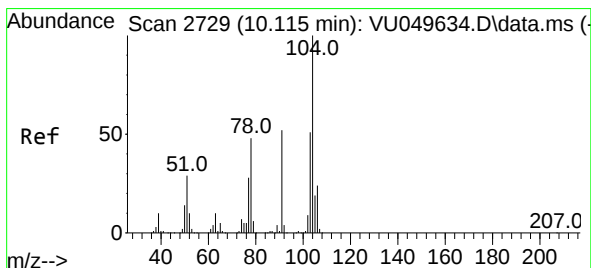
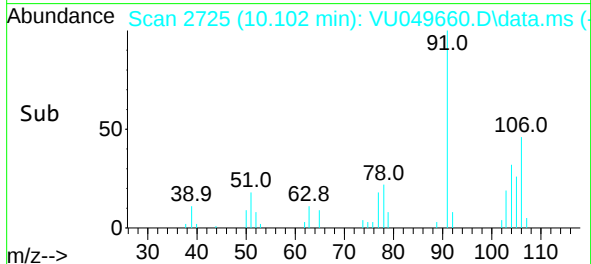
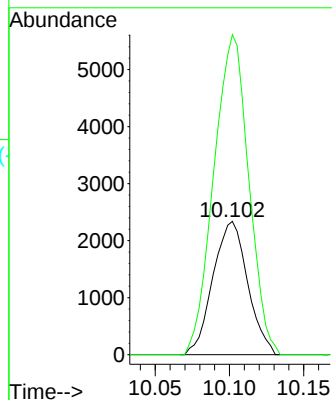
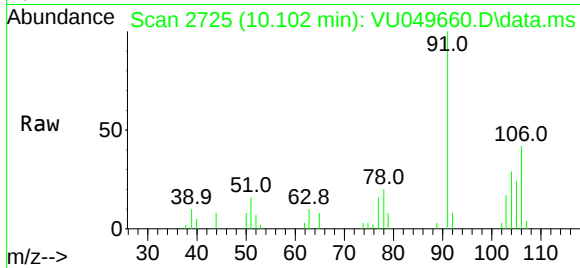
#65
o-Xylene
Concen: 0.226 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

Tgt Ion:106 Resp: 3804
Ion Ratio Lower Upper
106 100
91 241.1 111.1 333.2

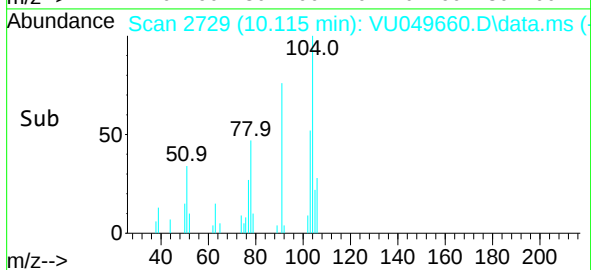
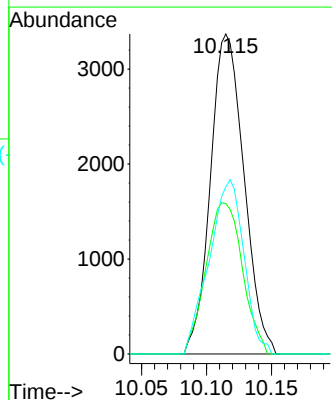
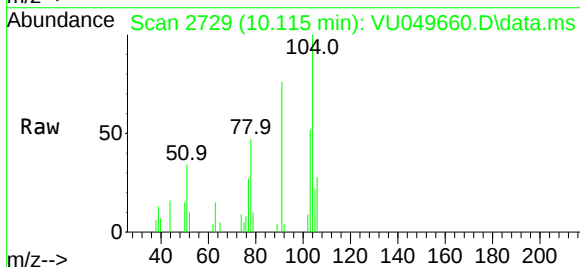
Manual Integrations
APPROVED

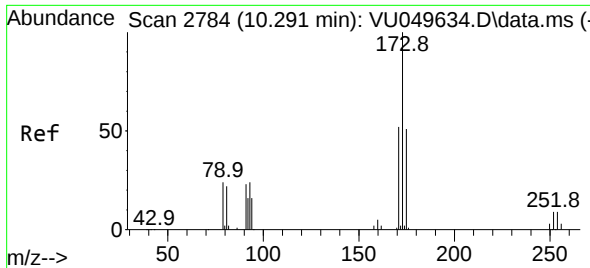
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#66
Styrene
Concen: 0.224 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

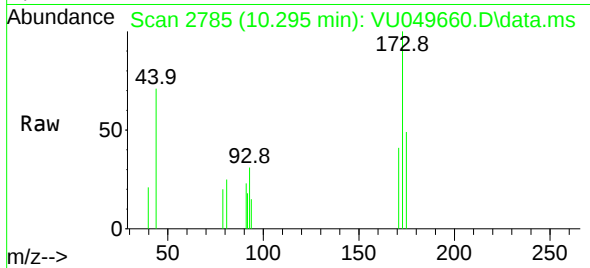
Tgt Ion:104 Resp: 6044
Ion Ratio Lower Upper
104 100
78 51.5 42.1 63.1
103 56.4 44.5 66.7





#67
Bromoform
Concen: 0.285 ug/l
RT: 10.295 min Scan# 21
Delta R.T. 0.004 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

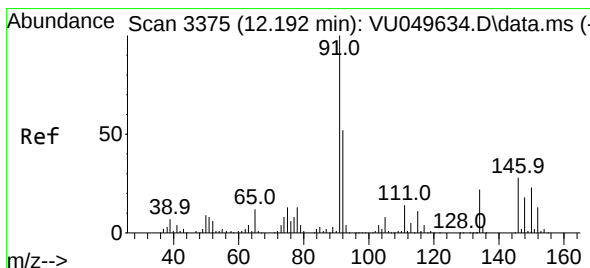
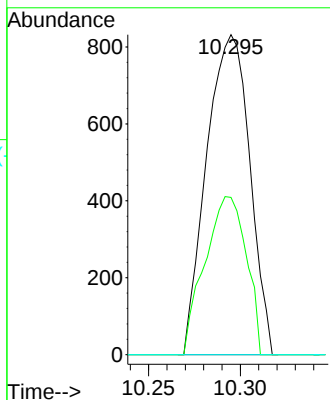
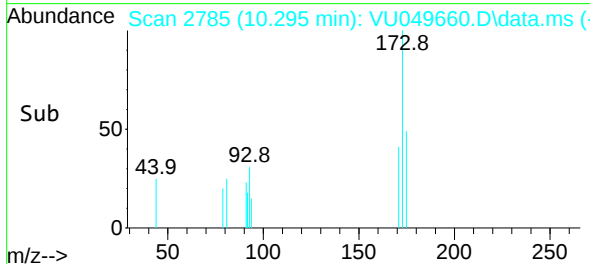
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022



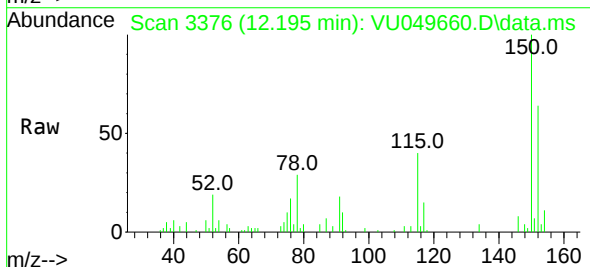
Tgt Ion:173 Resp: 1362
Ion Ratio Lower Upper
173 100
175 47.4 38.4 57.6
254 0.0 7.7 11.5

Manual Integrations
APPROVED

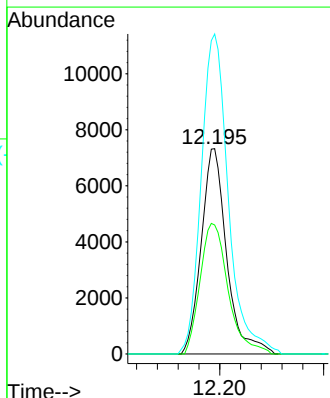
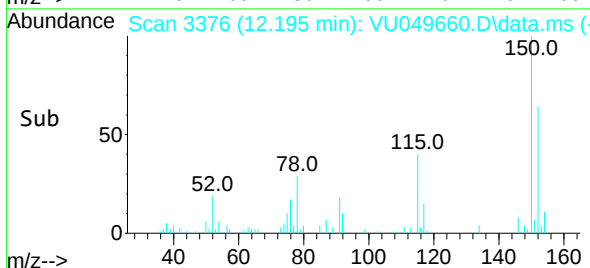
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

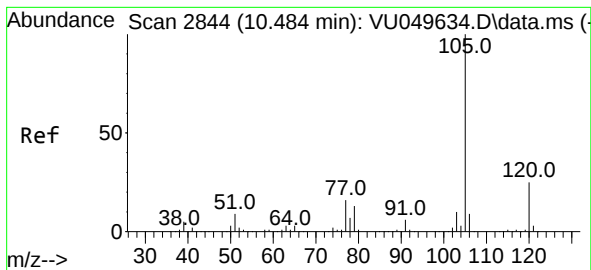


#68
1,2-Dichlorobenzene-d4
Concen: 1.000 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. 0.004 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05



Tgt Ion:152 Resp: 12470
Ion Ratio Lower Upper
152 100
115 69.9 0.0 254.6
150 165.9 0.0 623.6





#69

Isopropylbenzene

Concen: 0.234 ug/l

RT: 10.481 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049660.D

Acq: 08 Jul 2022 17:05

Instrument :

MSVOA_U

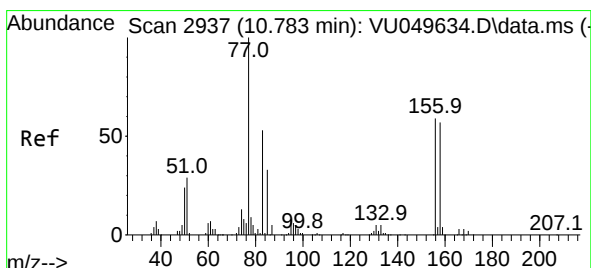
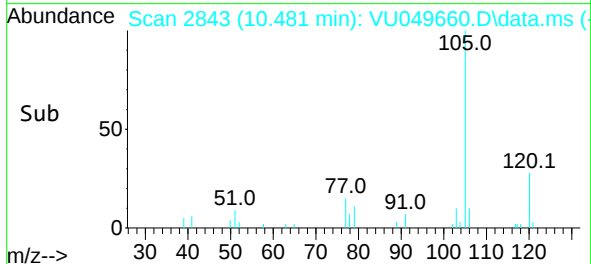
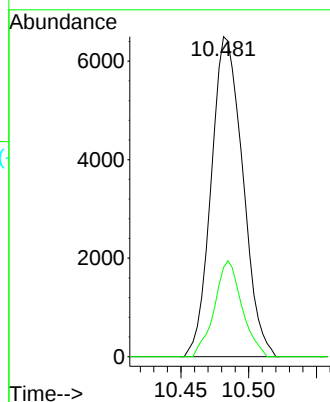
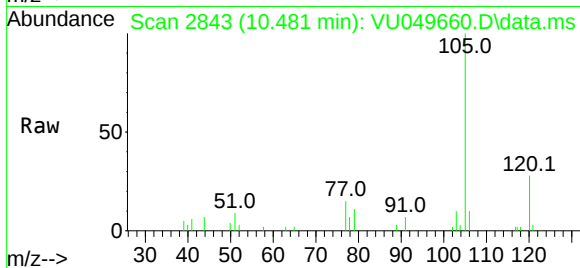
ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion:105 Resp: 1051
 Ion Ratio Lower Upper
 105 100
 120 26.1 12.6 37.8

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/11/2022
 Supervised By :Mahesh Dadoda 07/11/2022



#70

1,1,2,2-Tetrachloroethane

Concen: 0.290 ug/l

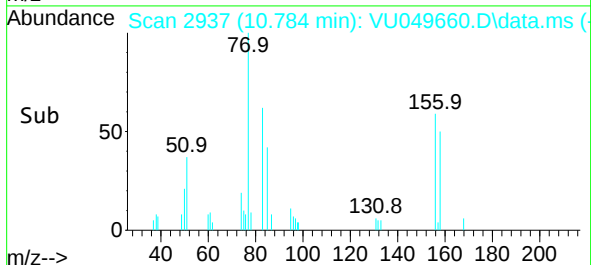
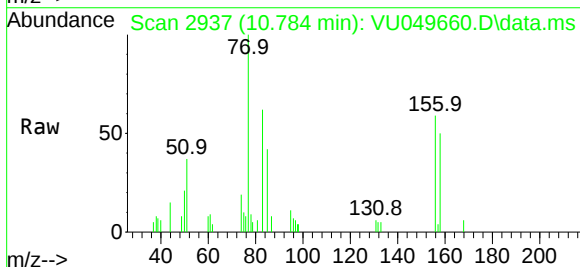
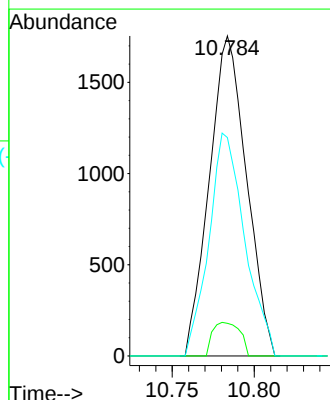
RT: 10.784 min Scan# 2937

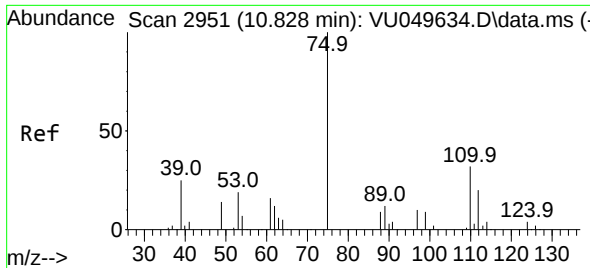
Delta R.T. 0.000 min

Lab File: VU049660.D

Acq: 08 Jul 2022 17:05

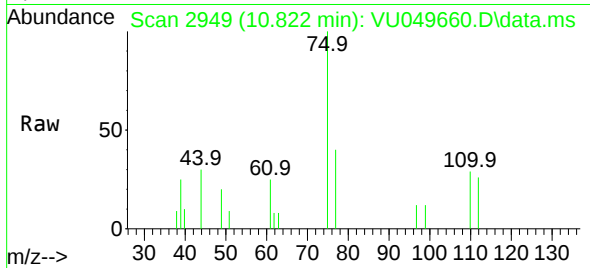
Tgt Ion: 83 Resp: 2759
 Ion Ratio Lower Upper
 83 100
 131 7.7 7.7 11.5
 85 67.1 51.2 76.8





#71
1,2,3-Trichloropropane
Concen: 0.286 ug/l m
RT: 10.822 min Scan# 2951
Delta R.T. -0.006 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

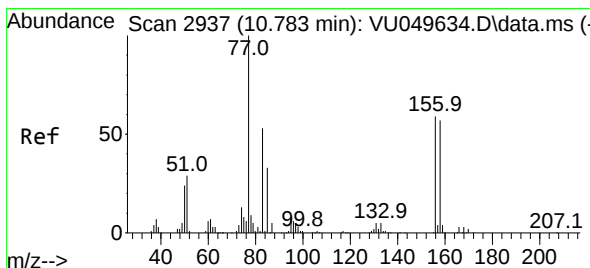
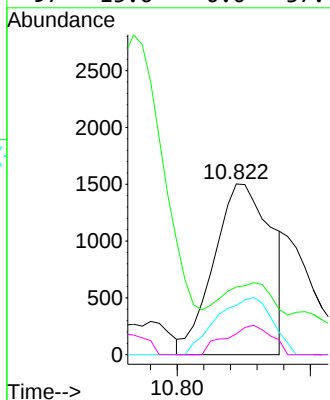
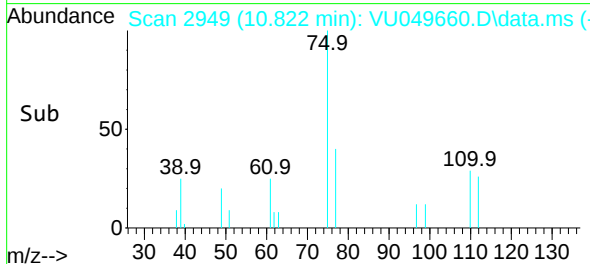
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022



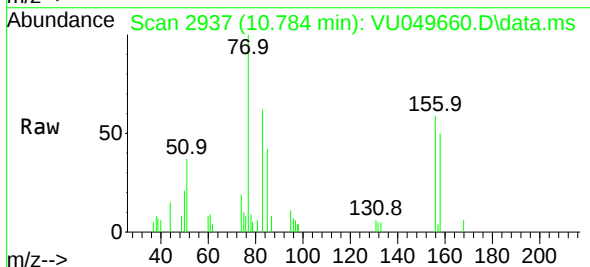
Tgt Ion: 75 Resp: 2250
Ion Ratio Lower Upper
75 100
77 18.3 0.0 112.4
110 32.5 0.0 70.6
97 13.6 0.0 37.4

Manual Integrations
APPROVED

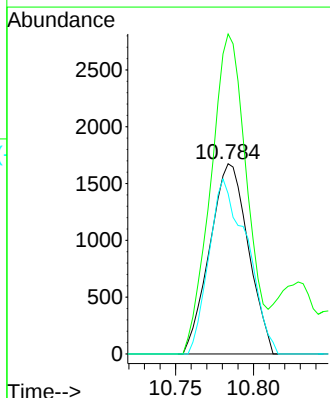
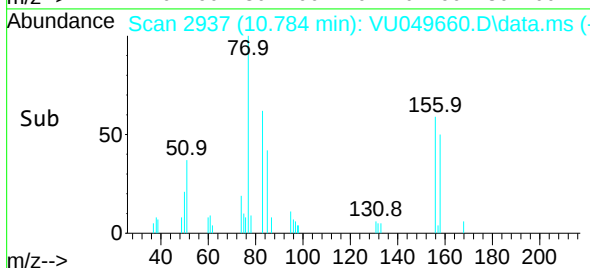
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

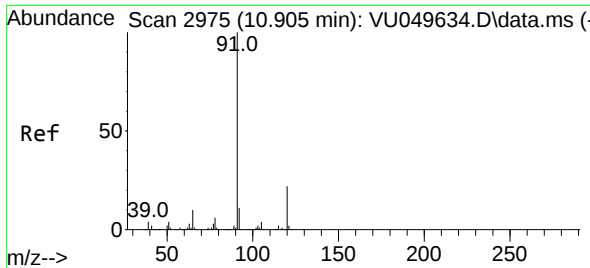


#72
Bromobenzene
Concen: 0.284 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05



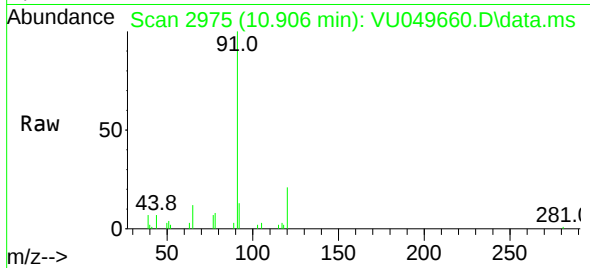
Tgt Ion:156 Resp: 2873
Ion Ratio Lower Upper
156 100
77 158.4 0.0 344.4
158 91.2 0.0 192.2





#73
n-propylbenzene
Concen: 0.222 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

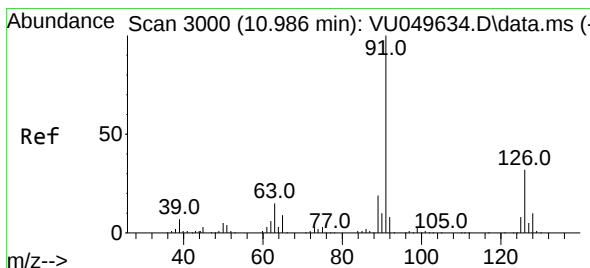
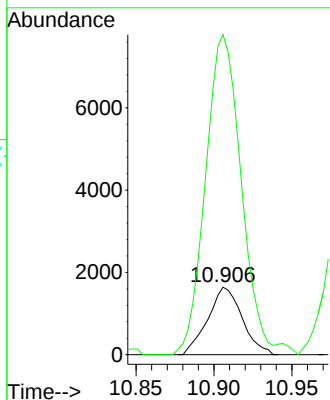
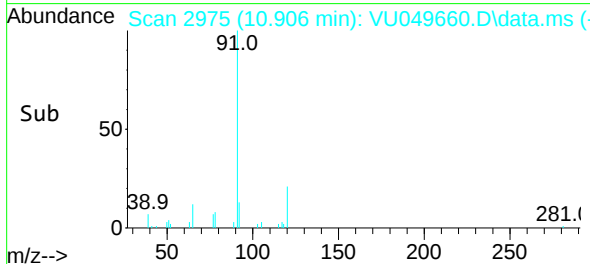
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022



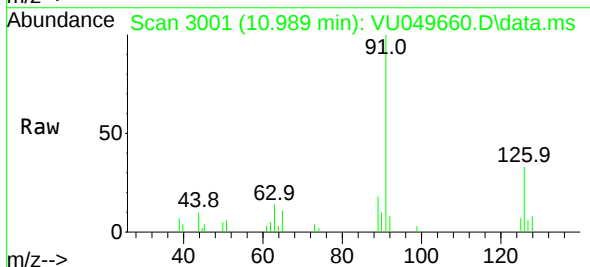
Tgt Ion:120 Resp: 2518
Ion Ratio Lower Upper
120 100
91 494.7 367.8 551.6

Manual Integrations
APPROVED

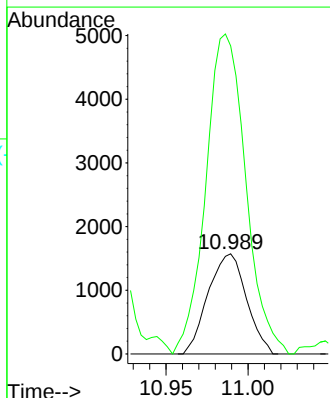
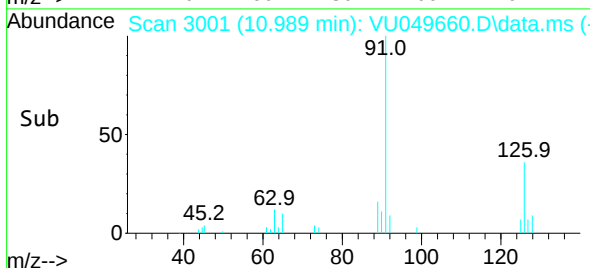
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

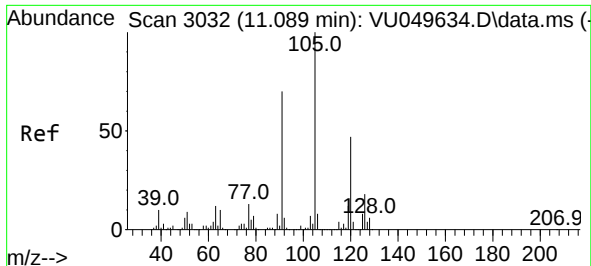


#74
2-Chlorotoluene
Concen: 0.253 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.004 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05



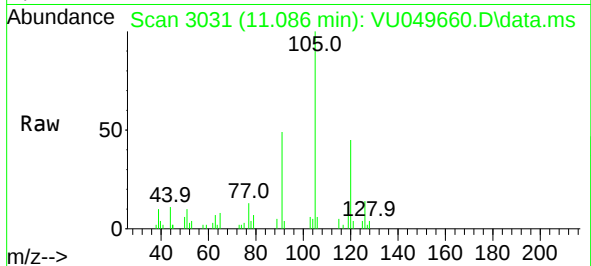
Tgt Ion:126 Resp: 2553
Ion Ratio Lower Upper
126 100
91 332.2 0.0 620.6





#75
1,3,5-Trimethylbenzene
Concen: 0.227 ug/l
RT: 11.086 min Scan# 3032
Delta R.T. -0.003 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

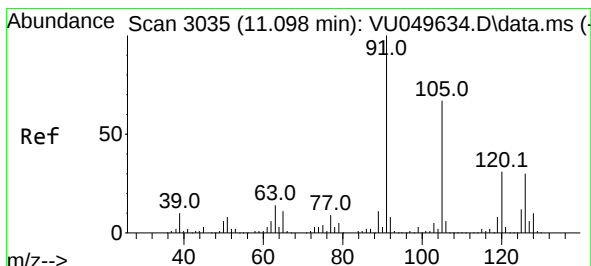
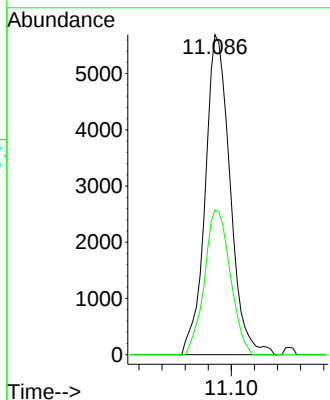
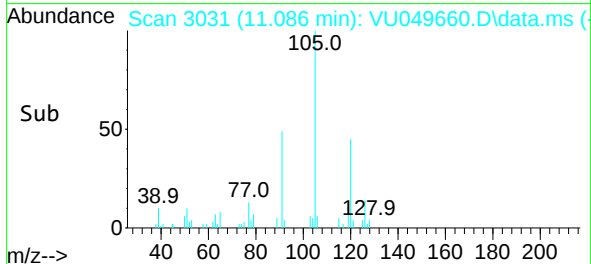
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022



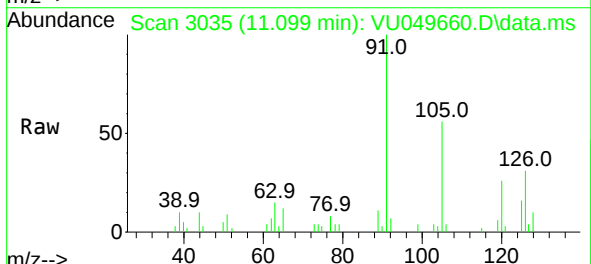
Tgt Ion:105 Resp: 852
Ion Ratio Lower Upper
105 100
120 46.7 37.6 56.4

Manual Integrations
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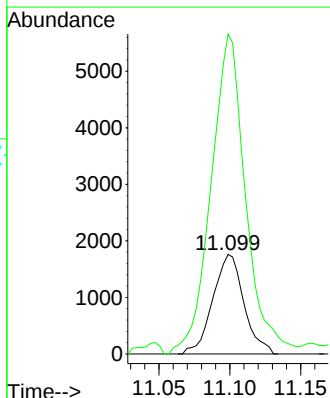
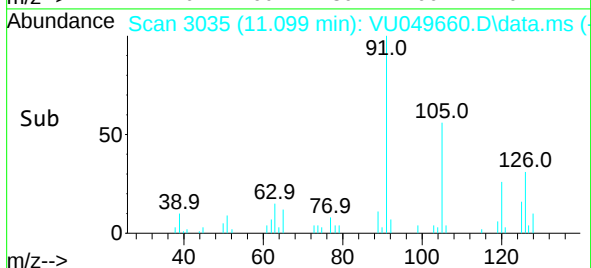
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

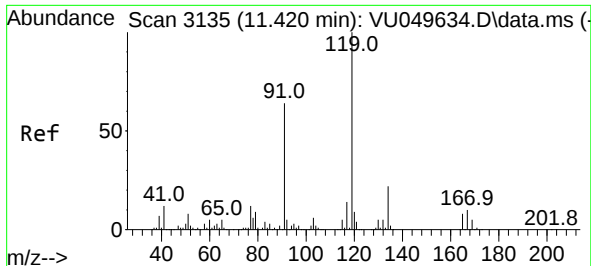


#76
4-Chlorotoluene
Concen: 0.265 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05



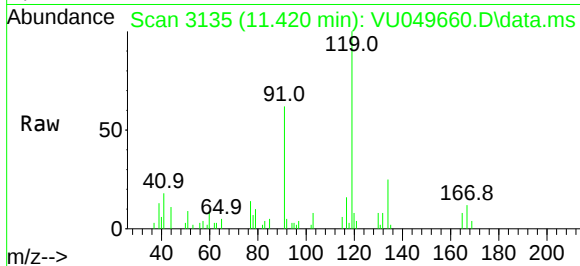
Tgt Ion:126 Resp: 2683
Ion Ratio Lower Upper
126 100
91 357.6 0.0 738.8





#77
tert-Butylbenzene
Concen: 0.236 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

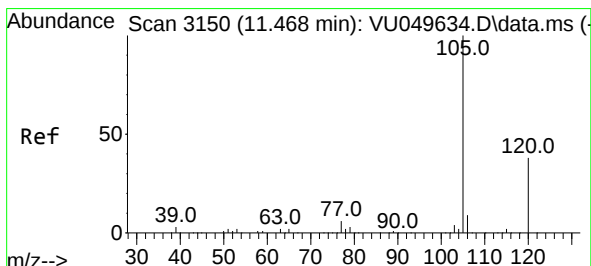
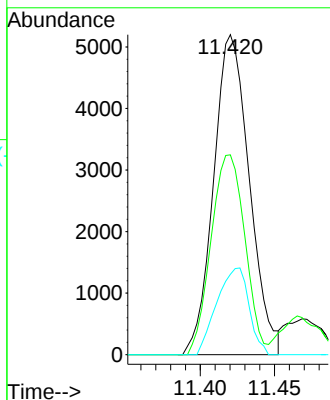
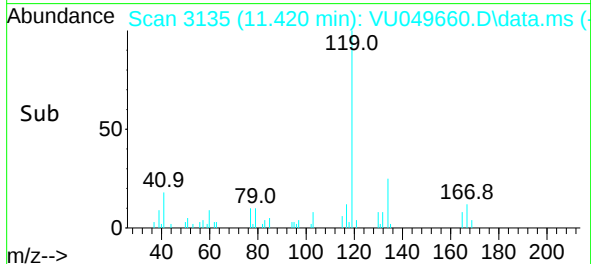
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022



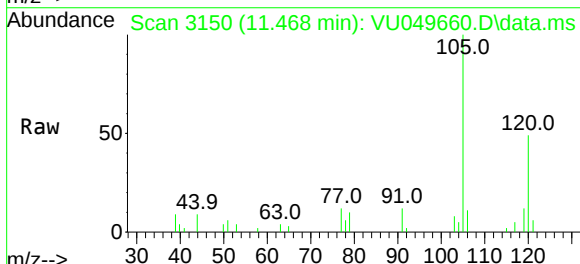
Tgt Ion:119 Resp: 8718
Ion Ratio Lower Upper
119 100
91 59.3 30.4 91.3
134 24.3 17.8 26.6

Manual Integrations
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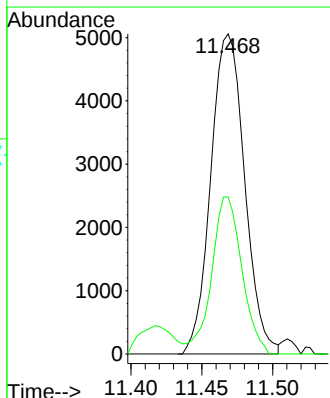
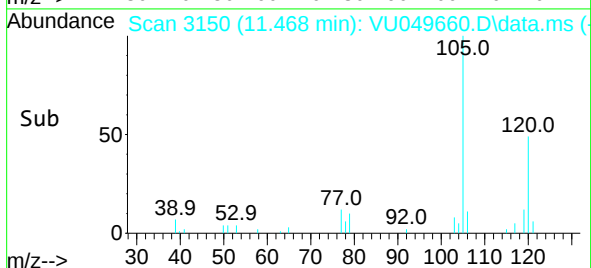
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

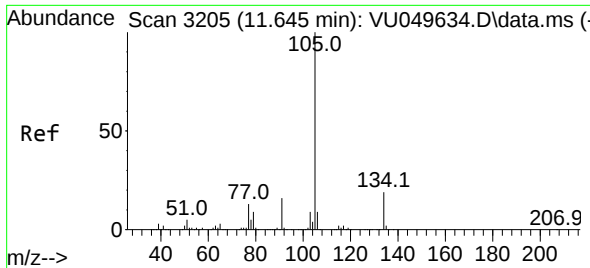


#78
1,2,4-Trimethylbenzene
Concen: 0.223 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05



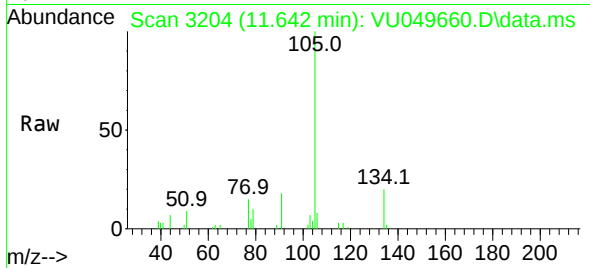
Tgt Ion:105 Resp: 8404
Ion Ratio Lower Upper
105 100
120 44.0 21.6 65.0





#79
 sec-Butylbenzene
 Concen: 0.229 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU049660.D
 Acq: 08 Jul 2022 17:05

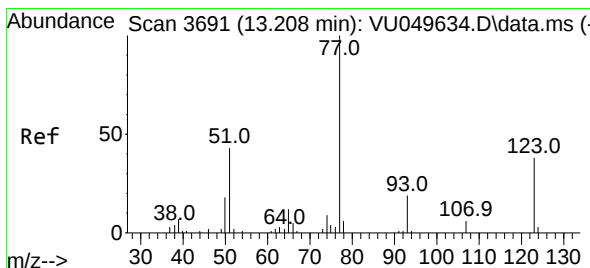
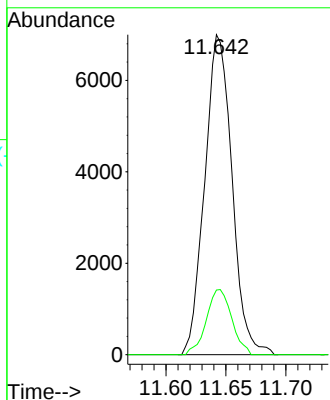
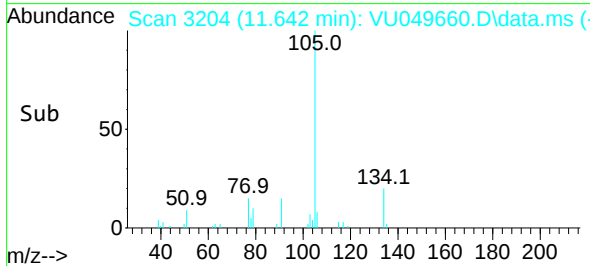
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT2-2022



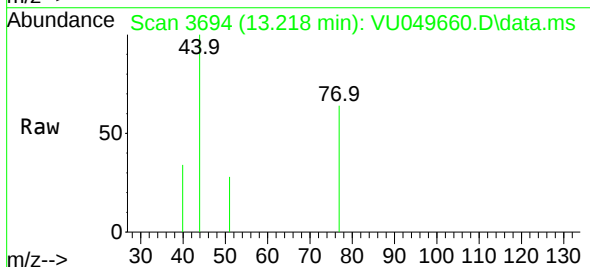
Tgt Ion: 105 Resp: 11070
 Ion Ratio Lower Upper
 105 100
 134 18.9 15.4 23.0

Manual Integrations
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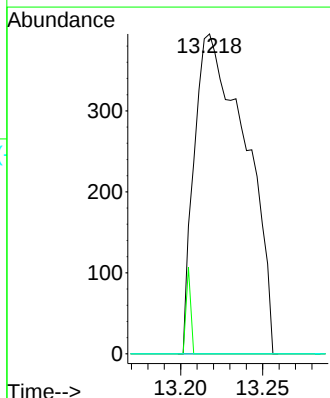
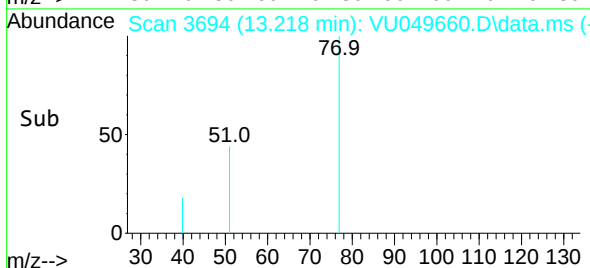
Reviewed By :Krupa Patel 07/11/2022
 Supervised By :Mahesh Dadoda 07/11/2022

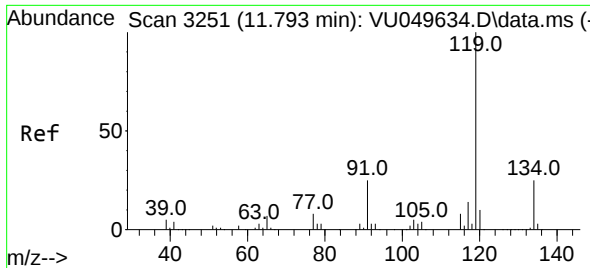


#80
 Nitrobenzene
 Concen: 2.198 ug/l
 RT: 13.218 min Scan# 3694
 Delta R.T. 0.010 min
 Lab File: VU049660.D
 Acq: 08 Jul 2022 17:05



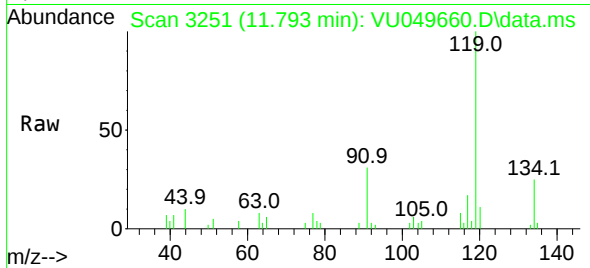
Tgt Ion: 77 Resp: 855
 Ion Ratio Lower Upper
 77 100
 123 2.5 18.1 64.3#
 65 0.0 10.8 13.8#





#81
p-Isopropyltoluene
Concen: 0.217 ug/l
RT: 11.793 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

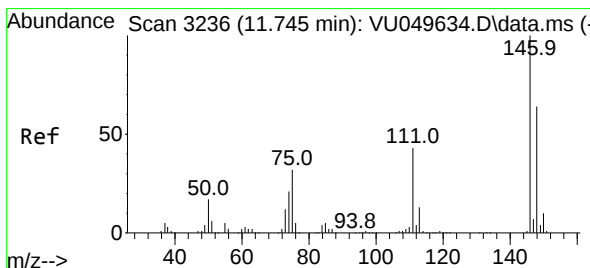
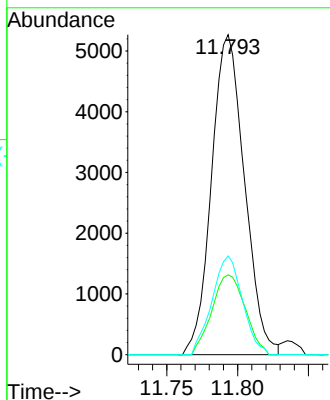
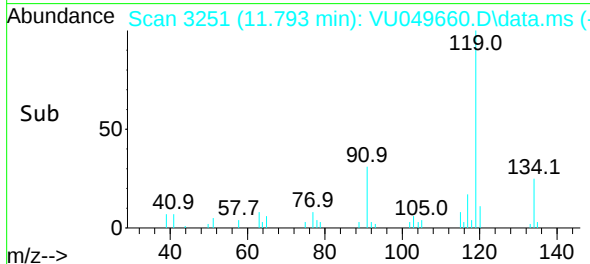
Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022



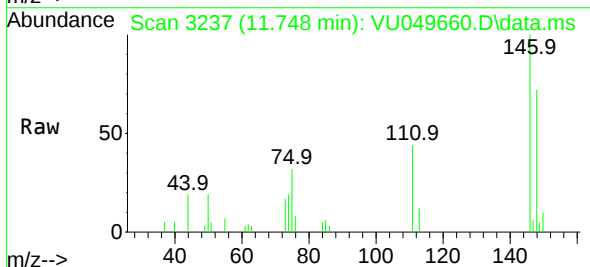
Tgt Ion:119 Resp: 8514
Ion Ratio Lower Upper
119 100
134 25.3 20.5 30.7
91 28.5 19.8 29.6

Manual Integrations
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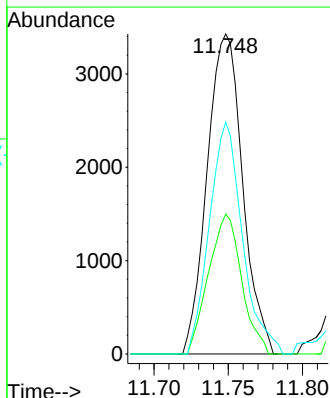
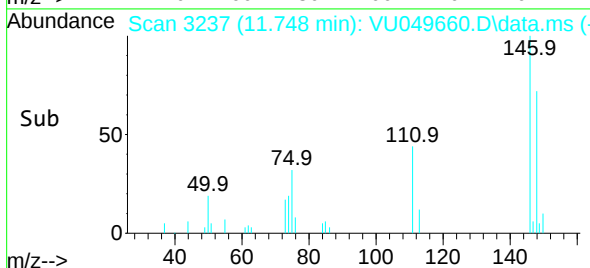
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

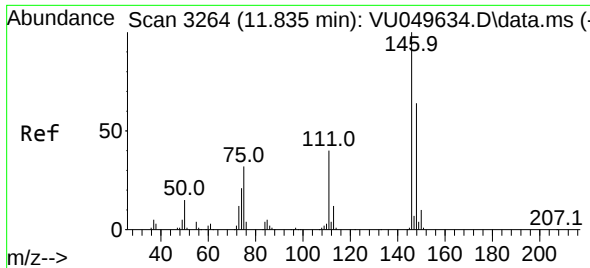


#82
1,3-Dichlorobenzene
Concen: 0.291 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.004 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05



Tgt Ion:146 Resp: 5699
Ion Ratio Lower Upper
146 100
111 40.7 33.4 50.2
148 67.4 51.2 76.8





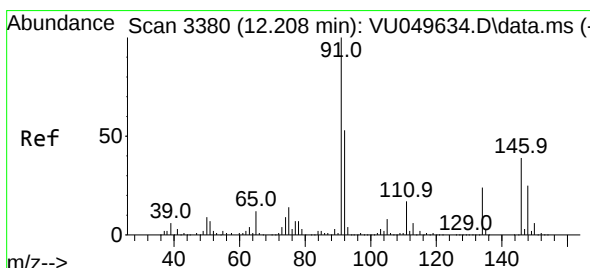
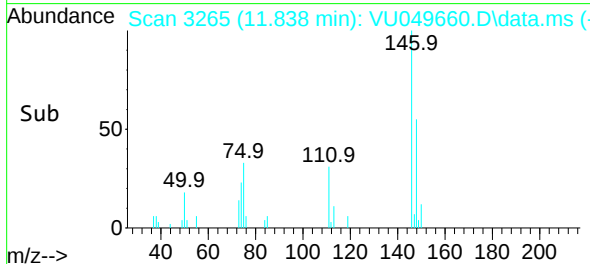
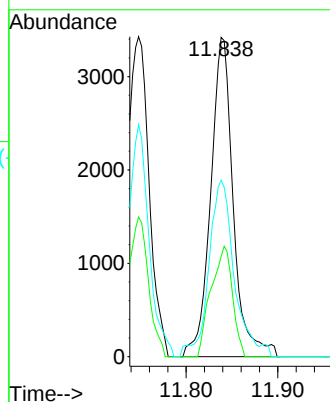
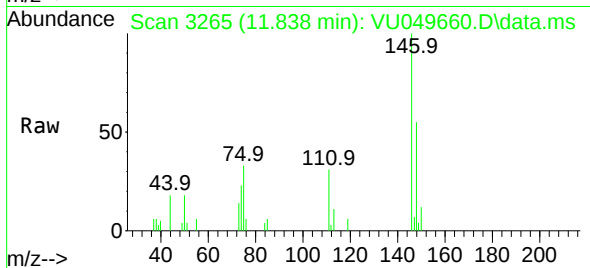
#83
1,4-Dichlorobenzene
Concen: 0.296 ug/l
RT: 11.838 min Scan# 31
Delta R.T. 0.004 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

Tgt Ion:146 Resp: 584
Ion Ratio Lower Upper
146 100
111 32.7 32.6 49.0
148 61.2 51.6 77.4

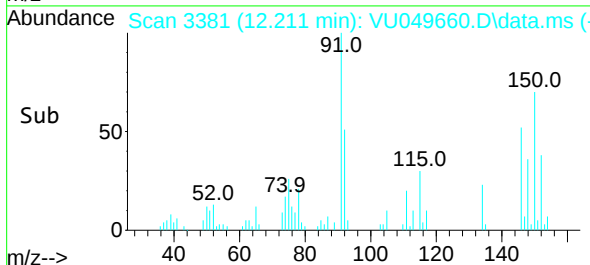
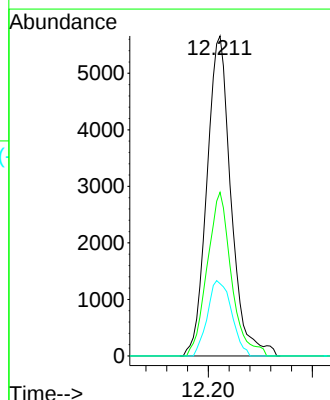
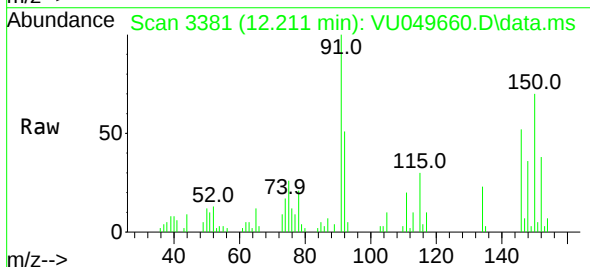
Manual Integrations
APPROVED

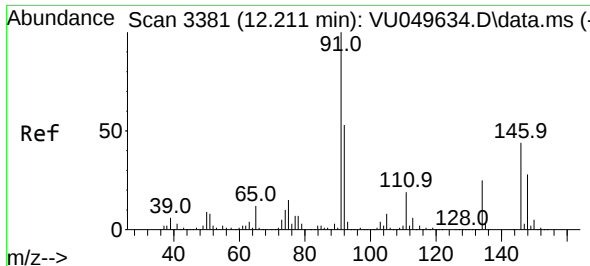
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#84
n-Butylbenzene
Concen: 0.249 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.004 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

Tgt Ion: 91 Resp: 9109
Ion Ratio Lower Upper
91 100
92 51.2 42.3 63.5
134 23.5 19.6 29.4





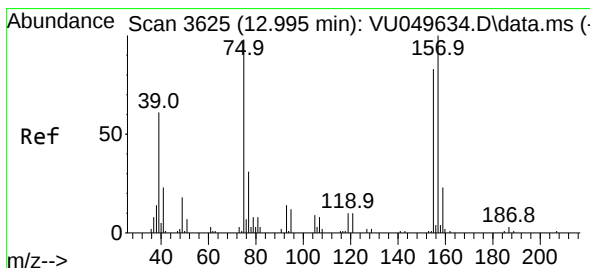
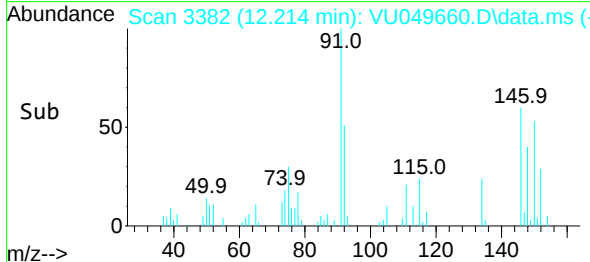
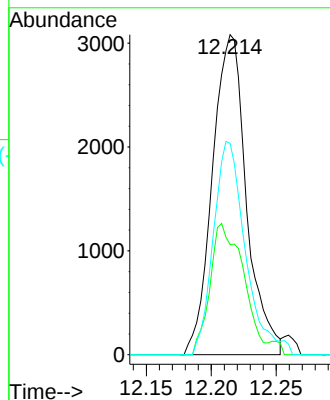
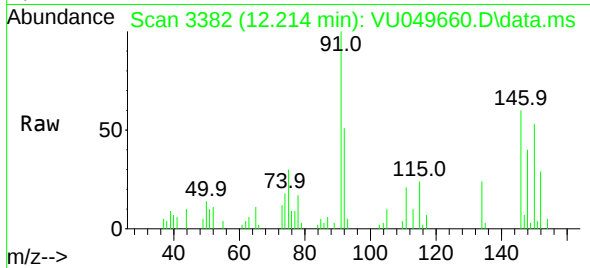
#85
1,2-Dichlorobenzene
Concen: 0.296 ug/l
RT: 12.214 min Scan# 3381
Delta R.T. 0.004 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

Tgt Ion:146 Resp: 5608
Ion Ratio Lower Upper
146 100
111 40.3 22.1 66.1
148 62.8 32.1 96.3

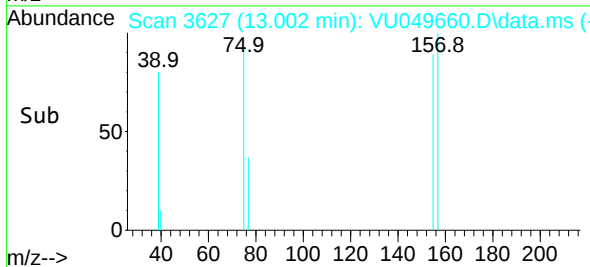
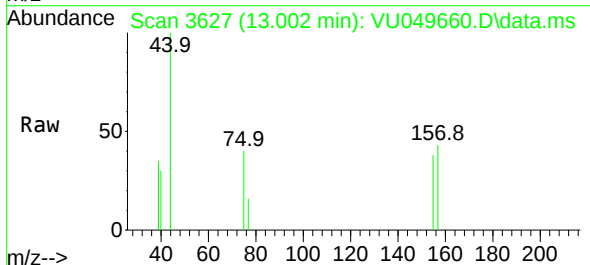
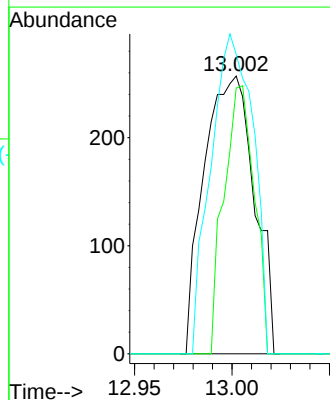
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.279 ug/l
RT: 13.002 min Scan# 3627
Delta R.T. 0.007 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

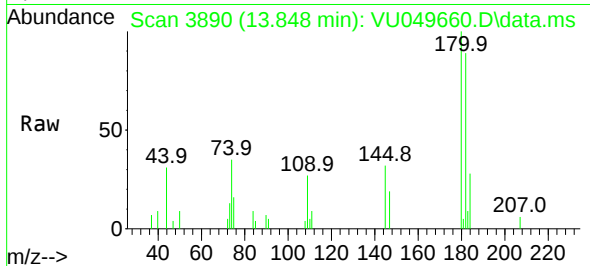
Tgt Ion: 75 Resp: 462
Ion Ratio Lower Upper
75 100
155 58.2 66.8 100.2#
157 96.8 83.8 125.8





#87
1,2,4-Trichlorobenzene
Concen: 0.315 ug/l
RT: 13.848 min Scan# 3888
Delta R.T. 0.007 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

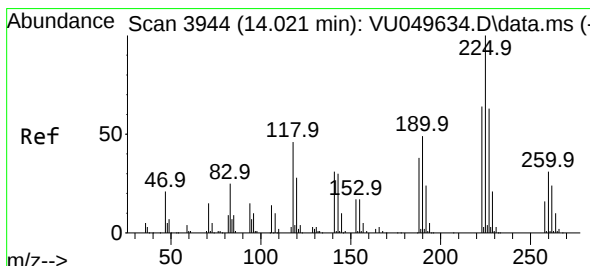
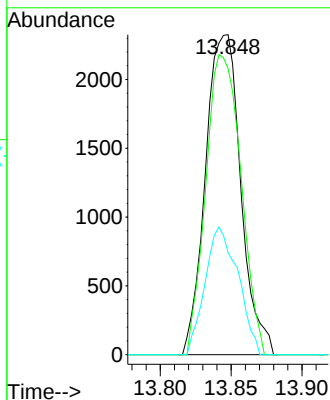
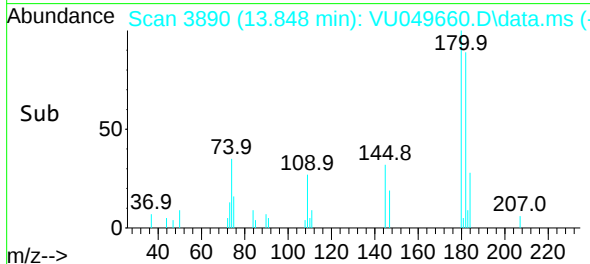
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022



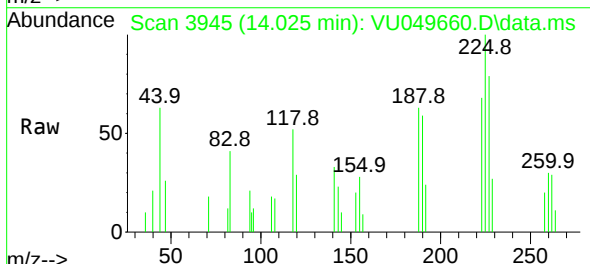
Tgt Ion:180 Resp: 4020
Ion Ratio Lower Upper
180 100
182 93.2 77.0 115.6
145 37.3 25.7 38.5

Manual Integrations
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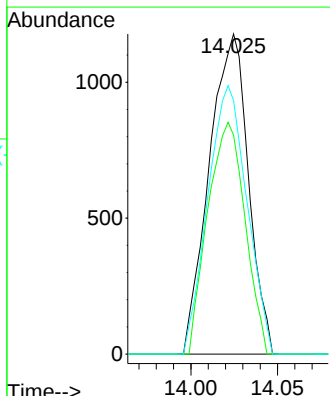
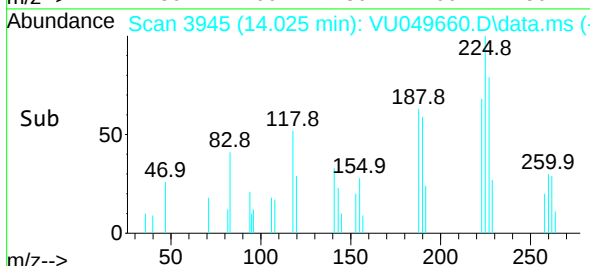
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

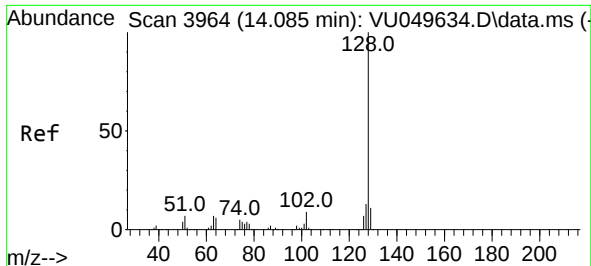


#88
Hexachlorobutadiene
Concen: 0.284 ug/l
RT: 14.025 min Scan# 3945
Delta R.T. 0.004 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05



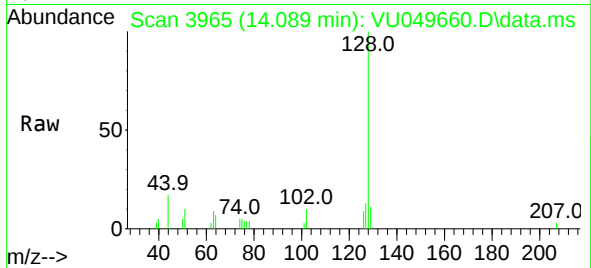
Tgt Ion:225 Resp: 1850
Ion Ratio Lower Upper
225 100
223 69.0 50.6 76.0
227 84.1 50.7 76.1#





#89
Naphthalene
Concen: 0.325 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.004 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

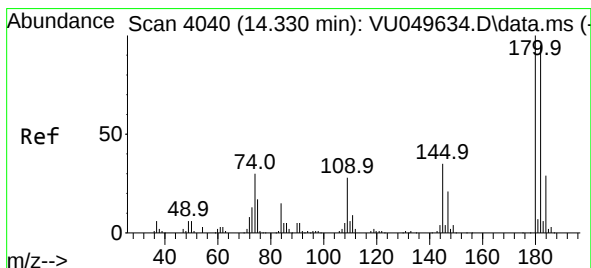
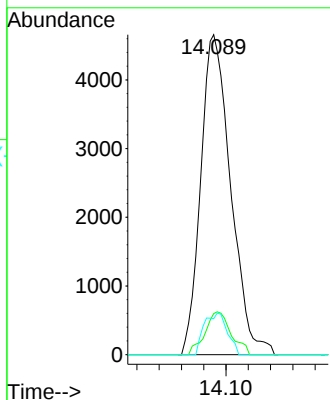
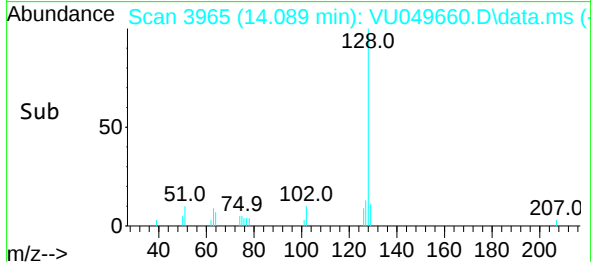
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:128 Resp: 8708
Ion Ratio Lower Upper
128 100
127 11.6 10.1 15.1
129 10.0 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#90
1,2,3-Trichlorobenzene
Concen: 0.335 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU049660.D
Acq: 08 Jul 2022 17:05

Tgt Ion:180 Resp: 4093
Ion Ratio Lower Upper
180 100
182 91.6 76.6 114.8
145 31.2 27.3 40.9

