

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070822\
 Data File : VU049659.D
 Acq On : 08 Jul 2022 16:37
 Operator : SY/MD
 Sample : N3214-09 0.25ppb
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Jul 09 04:55:17 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Fluorobenzene	6.115	96	34407	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	11417	0.906	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	11888	1.025	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	3496	0.265	ug/l	96
3) Chloromethane	1.530	50	3630	0.269	ug/l	99
4) Vinyl Chloride	1.604	62	3326	0.271	ug/l	94
5) Bromomethane	1.858	94	2351	0.367	ug/l	98
6) Chloroethane	1.932	64	1628	0.237	ug/l #	86
7) Trichlorofluoromethane	2.137	101	4045	0.275	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.584	101	1962	0.254	ug/l	98
9) 1,1-Dichloroethene	2.581	96	1844	0.236	ug/l	84
10) Iodomethane	2.719	142	1184	0.120	ug/l	96
11) Allyl Chloride	2.922	41	3558	0.267	ug/l #	81
12) Acrylonitrile	3.321	53	891	0.427	ug/l #	77
13) Acetone	2.636	43	3084	1.874	ug/l	92
14) Carbon Disulfide	2.790	76	7308	0.285	ug/l	100
15) Methylene Chloride	3.044	84	10132	1.037	ug/l	97
16) trans-1,2-Dichloroethene	3.350	96	2132	0.260	ug/l	97
17) 1,1-Dichloroethane	3.864	63	4454	0.263	ug/l #	93
18) 2-Butanone	4.732	43	3785	1.349	ug/l	75
19) Cyclohexane	5.385	56	3124	0.193	ug/l #	86
20) Methylcyclohexane	6.764	83	3102	0.194	ug/l	93
21) 2,2-Dichloropropane	4.665	77	3368	0.243	ug/l #	74
22) cis-1,2-Dichloroethene	4.671	96	2245	0.222	ug/l #	56
23) Diethyl Ether	2.375	59	1618	0.243	ug/l #	78
24) tert-Butyl Alcohol	3.211	59	1991m	2.626	ug/l	
25) Methyl tert-Butyl Ether	3.372	73	5778	0.265	ug/l #	77
26) Bromochloromethane	4.973	128	1103	0.259	ug/l	92
27) Chloroform	5.096	83	4217	0.253	ug/l	99
28) 1,1,1-Trichloroethane	5.317	97	3867	0.263	ug/l	96
29) 1,1-Dichloropropene	5.526	75	2808	0.214	ug/l #	91
30) Carbon Tetrachloride	5.520	117	3306	0.267	ug/l	97
31) Isopropyl Ether	3.999	45	7136	0.246	ug/l	67
32) Ethyl-t-butyl ether	4.510	59	6013	0.219	ug/l	97
33) Tert-Amyl methyl ether	5.954	73	5198m	0.217	ug/l	
34) Propionitrile	4.806	54	435	0.541	ug/l #	57
35) Benzene	5.780	78	8757	0.234	ug/l	93
36) 1,2-Dichloroethane	5.800	62	2770	0.260	ug/l #	77
37) Trichloroethene	6.542	130	2076	0.220	ug/l #	78
38) 1,2-Dichloropropane	6.793	63	2470	0.249	ug/l	96
39) Methacrylonitrile	4.999	41	657m	0.191	ug/l	
40) Methyl acrylate	4.861	55	1173m	0.217	ug/l	
41) Tetrahydrofuran	5.070	42	1136	0.558	ug/l #	72
42) 1-Chlorobutane	5.462	56	4259	0.231	ug/l	97
43) Dibromomethane	6.919	93	1086	0.220	ug/l	96
44) Bromodichloromethane	7.105	83	2783	0.235	ug/l	87

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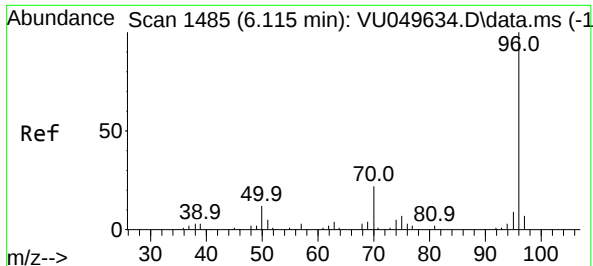
Quant Time: Jul 09 04:55:17 2022
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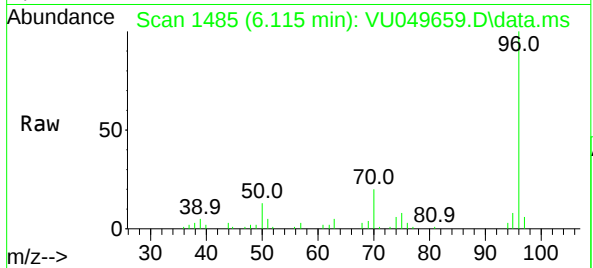
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.800	43	8104	1.210	ug/l	94
46) t-1,4-Dichloro-2-butene	10.835	75	980m	0.450	ug/l	
47) Methyl methacrylate	6.970	69	2307	0.464	ug/l #	95
48) Ethyl methacrylate	8.340	69	1984	0.199	ug/l	93
49) Toluene	7.970	92	4604	0.202	ug/l	91
50) t-1,3-Dichloropropene	8.214	75	2570	0.225	ug/l	97
51) cis-1,3-Dichloropropene	7.613	75	2960	0.219	ug/l #	87
52) 1,1,2-Trichloroethane	8.407	97	1696	0.249	ug/l	92
53) 1,3-Dichloropropane	8.581	76	3086	0.252	ug/l	94
54) 2-Hexanone	8.690	43	5677	1.220	ug/l	88
55) Dibromochloromethane	8.809	129	2054	0.264	ug/l	87
56) 1,2-Dibromoethane	8.925	107	1592	0.241	ug/l	96
58) Tetrachloroethene	8.555	164	2217	0.282	ug/l #	87
59) Chlorobenzene	9.449	112	5907	0.247	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.539	131	2180	0.256	ug/l	93
61) Pentachloroethane	11.430	117	1868	0.286	ug/l #	43
62) Hexachloroethane	12.481	117	1626	0.249	ug/l	84
63) Ethyl Benzene	9.574	91	8783	0.204	ug/l	96
64) m/p-Xylenes	9.697	106	6618	0.416	ug/l	99
65) o-Xylene	10.102	106	3083	0.197	ug/l	95
66) Styrene	10.118	104	4854	0.193	ug/l	94
67) Bromoform	10.291	173	1037	0.234	ug/l #	92
69) Isopropylbenzene	10.484	105	8752	0.210	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.783	83	2369	0.268	ug/l #	97
71) 1,2,3-Trichloropropane	10.828	75	2055m	0.281	ug/l	
72) Bromobenzene	10.787	156	2235	0.237	ug/l	88
73) n-propylbenzene	10.906	120	2444	0.232	ug/l	86
74) 2-Chlorotoluene	10.989	126	1875	0.199	ug/l	71
75) 1,3,5-Trimethylbenzene	11.089	105	6259	0.179	ug/l	97
76) 4-Chlorotoluene	11.102	126	2247	0.238	ug/l	88
77) tert-Butylbenzene	11.420	119	7232	0.210	ug/l	98
78) 1,2,4-Trimethylbenzene	11.472	105	6766	0.193	ug/l	97
79) sec-Butylbenzene	11.645	105	9141	0.203	ug/l	97
80) Nitrobenzene	13.214	77	405	1.119	ug/l #	55
81) p-Isopropyltoluene	11.796	119	7318	0.200	ug/l	98
82) 1,3-Dichlorobenzene	11.748	146	5000	0.275	ug/l	92
83) 1,4-Dichlorobenzene	11.841	146	4642	0.253	ug/l	93
84) n-Butylbenzene	12.211	91	7443	0.218	ug/l	95
85) 1,2-Dichlorobenzene	12.214	146	4539	0.257	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.996	75	376	0.244	ug/l #	27
87) 1,2,4-Trichlorobenzene	13.844	180	3522	0.296	ug/l #	95
88) Hexachlorobutadiene	14.021	225	1890	0.312	ug/l	93
89) Naphthalene	14.092	128	8051	0.323	ug/l	99
90) 1,2,3-Trichlorobenzene	14.333	180	3524	0.310	ug/l	96

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.115 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU049659.D
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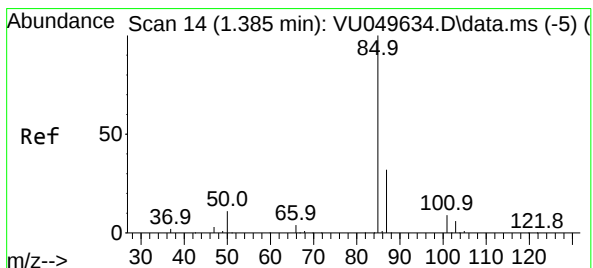
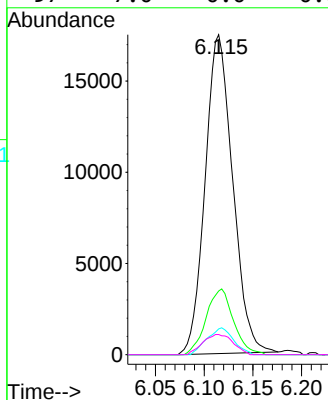
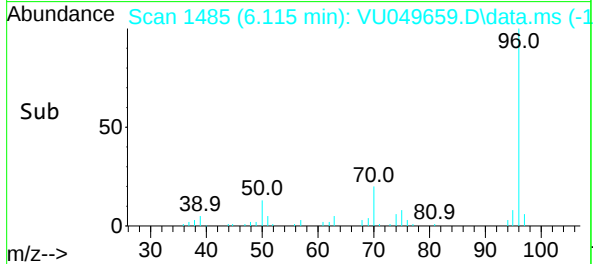
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 96	Resp: 3440
Ion Ratio	Lower Upper
96 100	
70 20.4	16.7 25.1
95 8.1	7.4 11.0
97 7.0	0.0 0.0

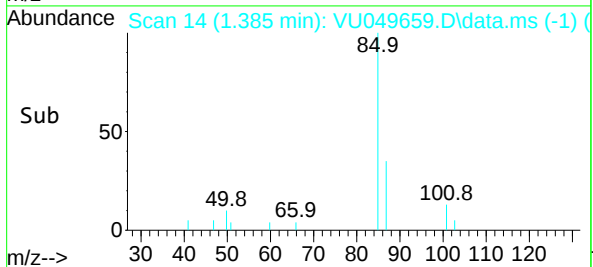
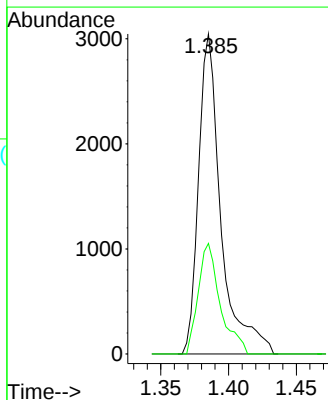
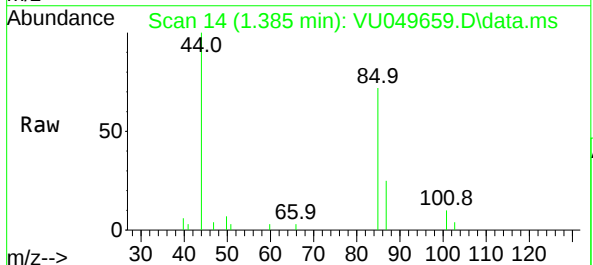
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 07/11/2022



#2
Dichlorodifluoromethane
Concen: 0.265 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

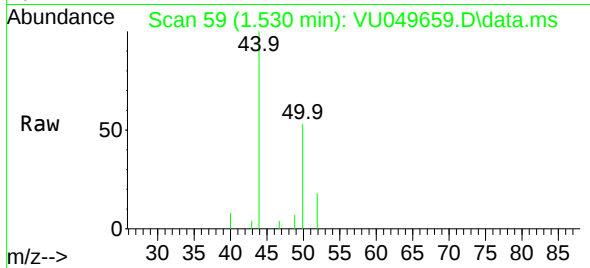
Tgt Ion: 85	Resp: 3496
Ion Ratio	Lower Upper
85 100	
87 34.5	16.3 48.8





#3
Chloromethane
Concen: 0.269 ug/l
RT: 1.530 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

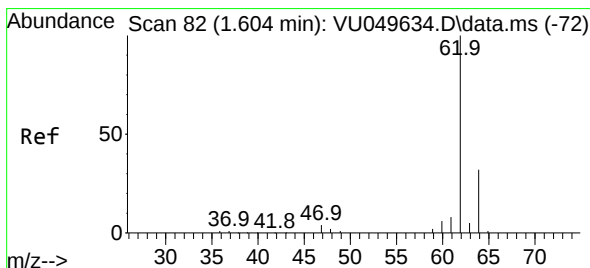
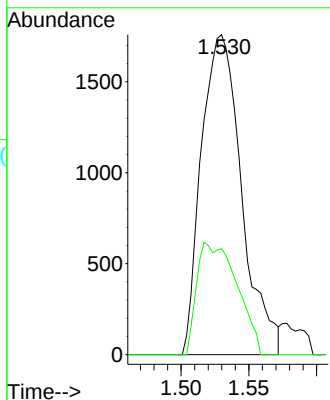
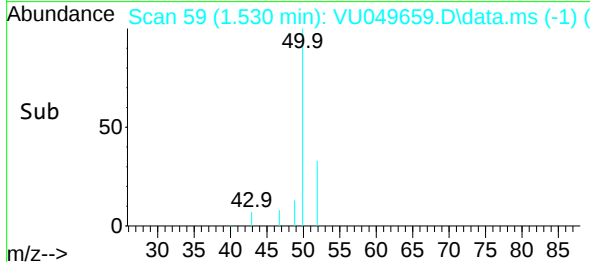
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022



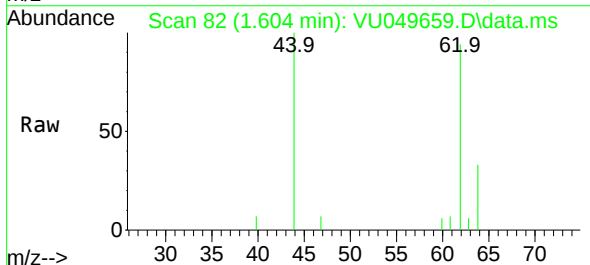
Tgt Ion: 50 Resp: 3630
Ion Ratio Lower Upper
50 100
52 33.1 26.1 39.1

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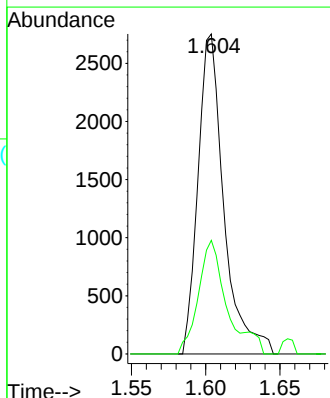
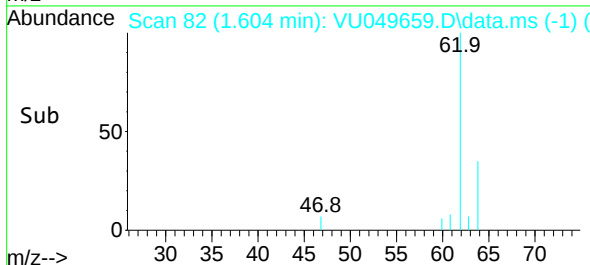
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

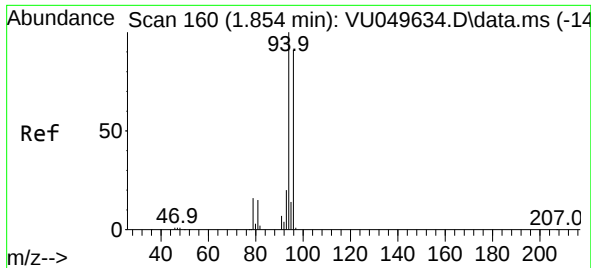


#4
Vinyl Chloride
Concen: 0.271 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37



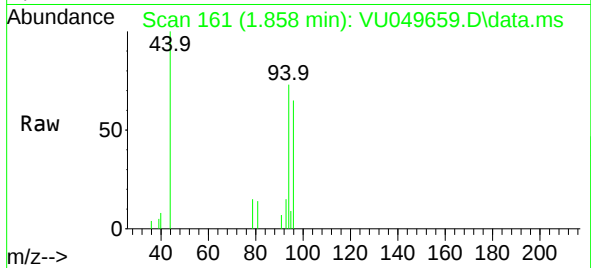
Tgt Ion: 62 Resp: 3326
Ion Ratio Lower Upper
62 100
64 35.5 25.5 38.3





#5
Bromomethane
Concen: 0.367 ug/l
RT: 1.858 min Scan# 161
Delta R.T. 0.003 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

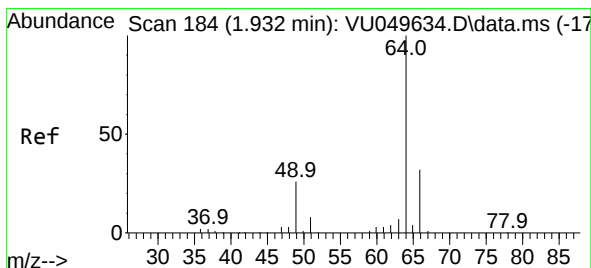
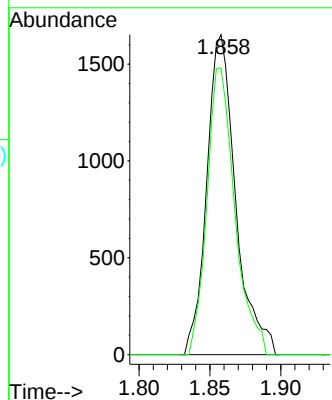
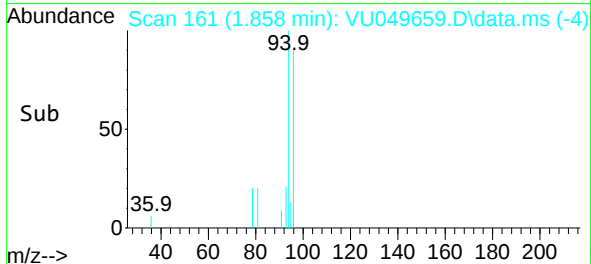
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 94 Resp: 235
Ion Ratio Lower Upper
94 100
96 89.6 73.0 109.6

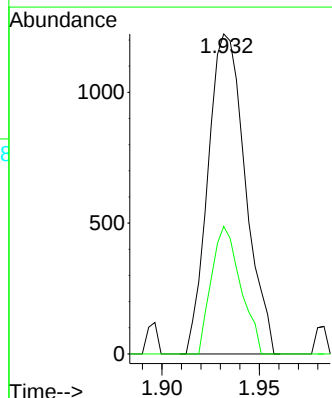
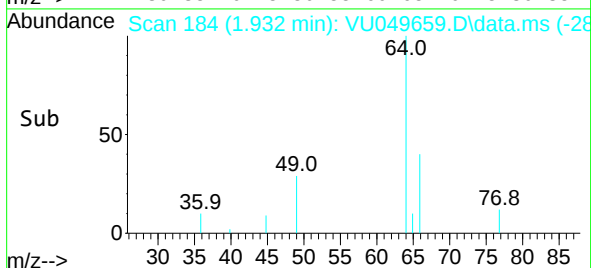
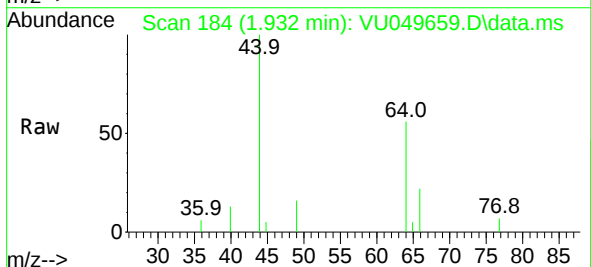
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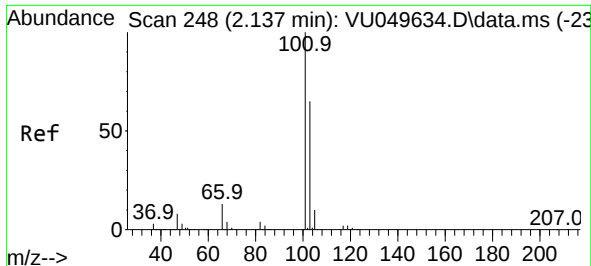
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#6
Chloroethane
Concen: 0.237 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

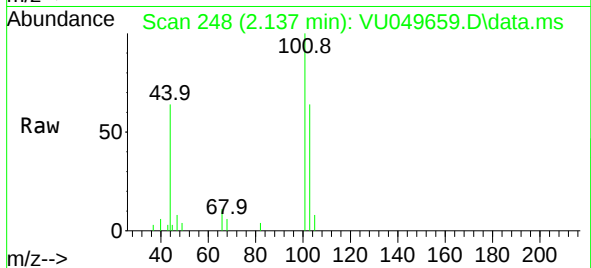
Tgt Ion: 64 Resp: 1628
Ion Ratio Lower Upper
64 100
66 39.8 25.8 38.6#





#7
Trichlorofluoromethane
Concen: 0.275 ug/l
RT: 2.137 min Scan# 248
Delta R.T. 0.000 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

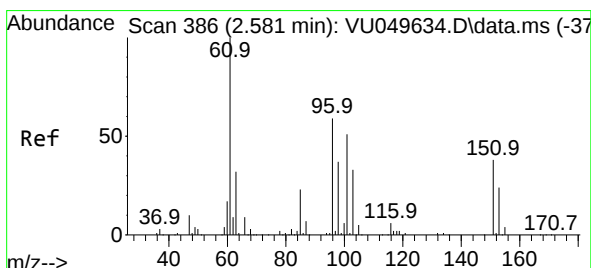
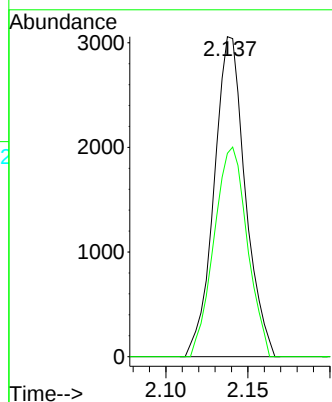
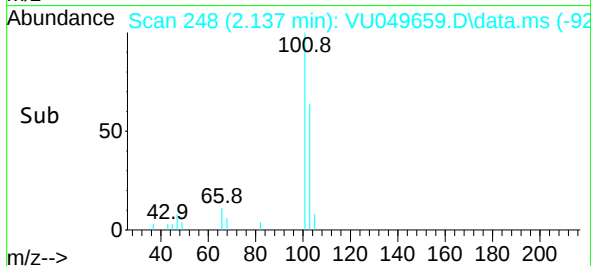
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022



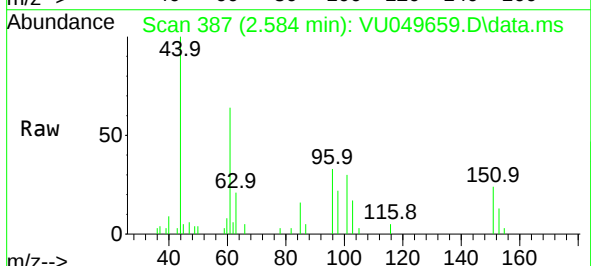
Tgt Ion:101 Resp: 4049
Ion Ratio Lower Upper
101 100
103 63.6 51.8 77.6

Manual Integrations
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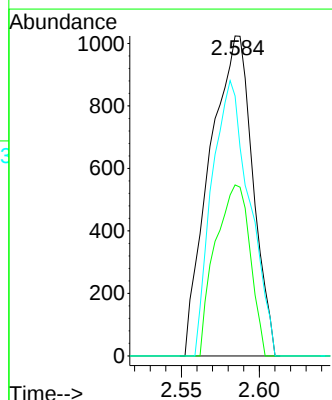
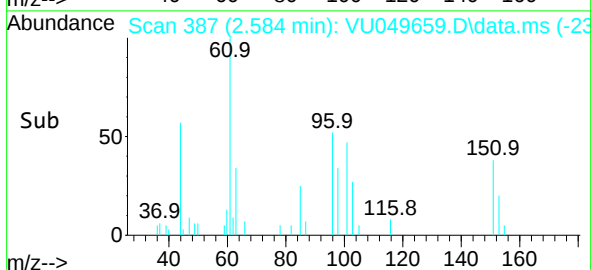
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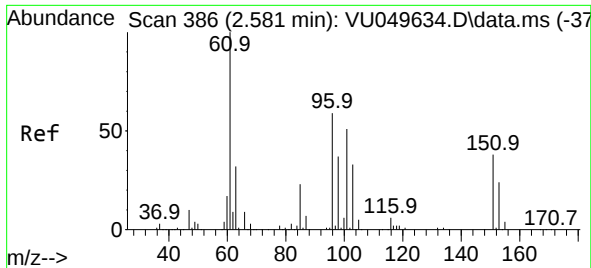


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.254 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37



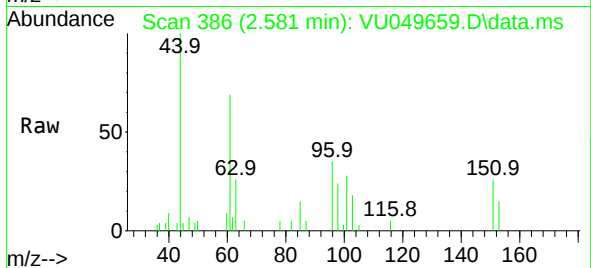
Tgt Ion:101 Resp: 1962
Ion Ratio Lower Upper
101 100
85 43.2 36.4 54.6
151 75.2 59.1 88.7





#9
1,1-Dichloroethene
Concen: 0.236 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

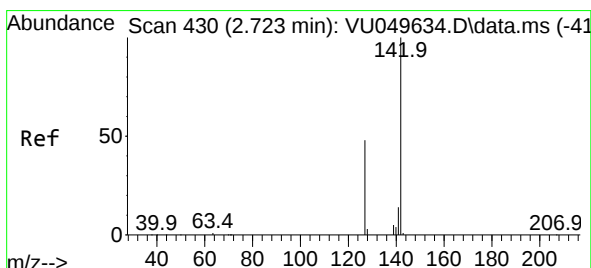
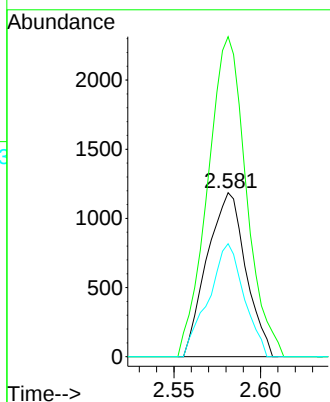
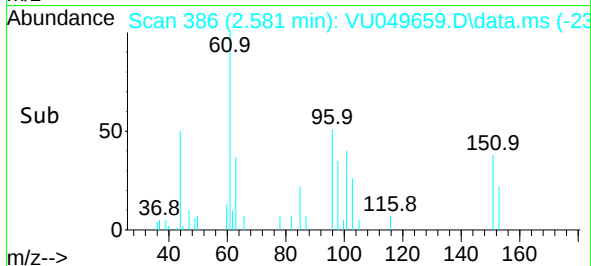
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT2-2022



Tgt Ion: 96 Resp: 1844
Ion Ratio Lower Upper
96 100
61 195.1 0.0 510.6
98 68.9 0.0 124.6

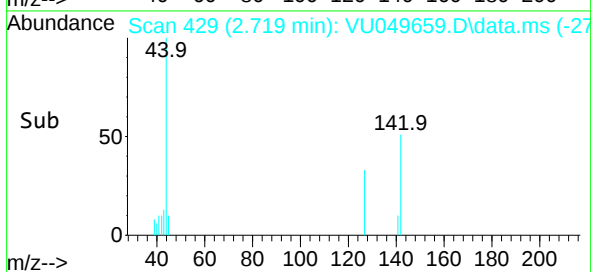
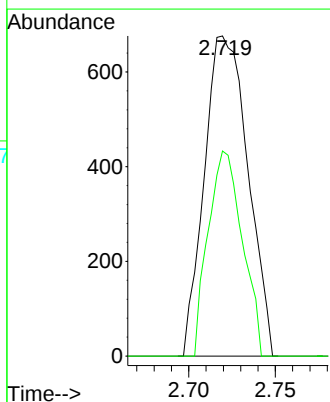
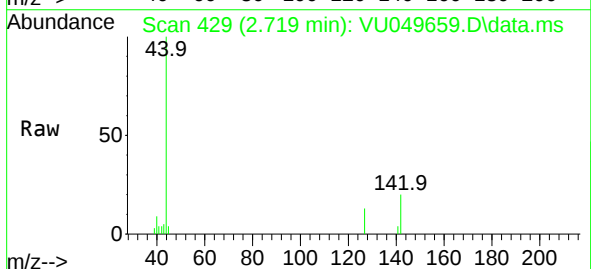
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Supervised By :Mahesh Dadoda 07/11/2022



#10
Iodomethane
Concen: 0.120 ug/l
RT: 2.719 min Scan# 429
Delta R.T. -0.003 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

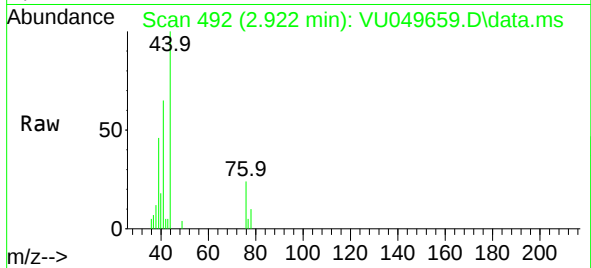
Tgt Ion:142 Resp: 1184
Ion Ratio Lower Upper
142 100
127 50.2 38.2 57.2





#11
 Allyl Chloride
 Concen: 0.267 ug/l
 RT: 2.922 min Scan# 492
 Delta R.T. 0.000 min
 Lab File: VU049659.D
 Acq: 08 Jul 2022 16:37

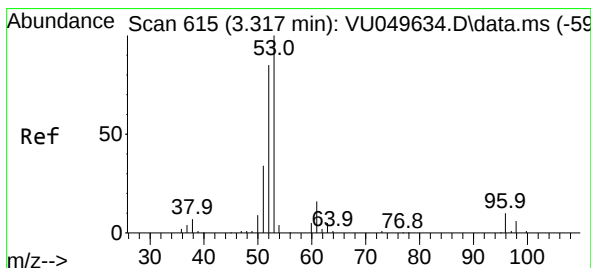
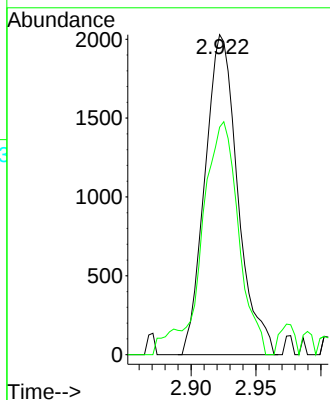
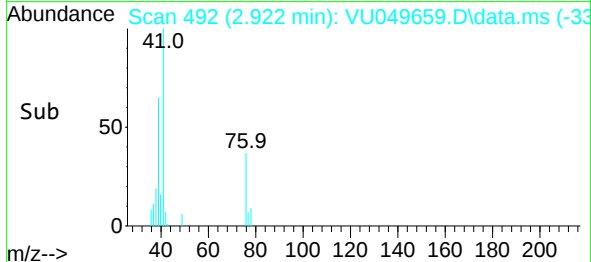
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT2-2022



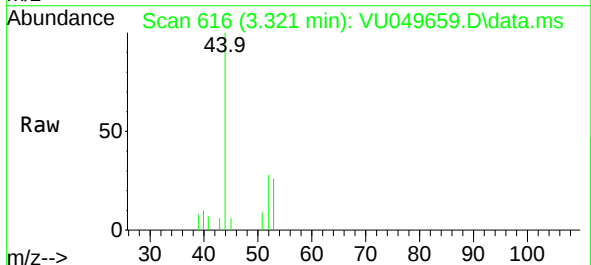
Tgt Ion: 41 Resp: 3558
 Ion Ratio Lower Upper
 41 100
 39 81.9 53.2 79.8

Manual Integrations
 APPROVED

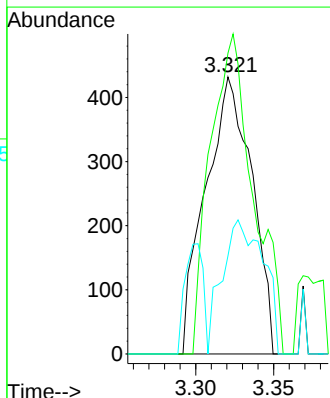
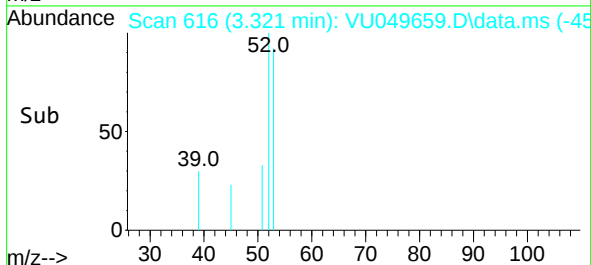
Reviewed By :Krupa Patel 07/11/2022
 Supervised By :Mahesh Dadoda 07/11/2022

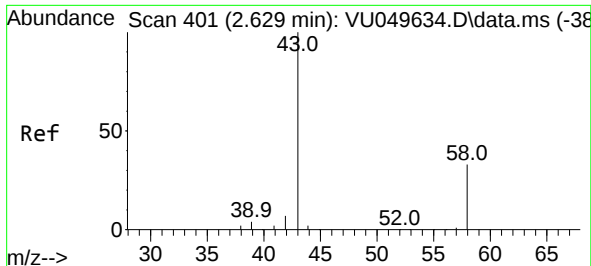


#12
 Acrylonitrile
 Concen: 0.427 ug/l
 RT: 3.321 min Scan# 616
 Delta R.T. 0.003 min
 Lab File: VU049659.D
 Acq: 08 Jul 2022 16:37



Tgt Ion: 53 Resp: 891
 Ion Ratio Lower Upper
 53 100
 52 107.7 64.6 97.0#
 51 43.2 30.7 46.1





#13

Acetone

Concen: 1.874 ug/l

RT: 2.636 min Scan# 401

Delta R.T. 0.007 min

Lab File: VU049659.D

Acq: 08 Jul 2022 16:37

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2022

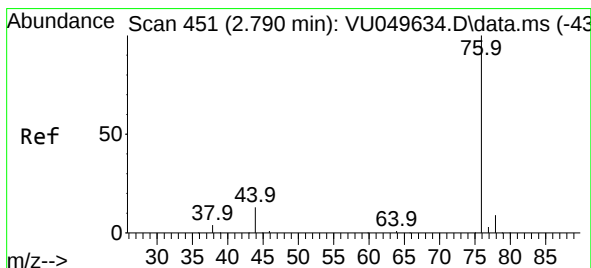
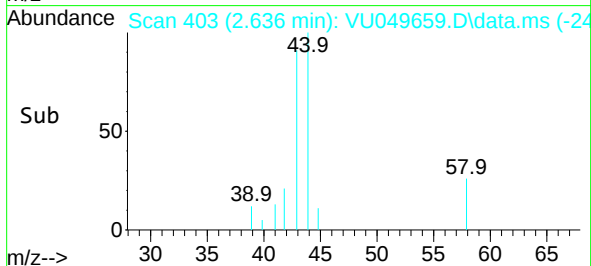
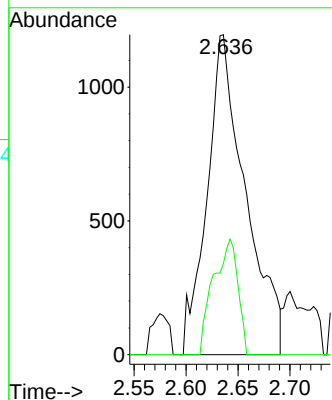
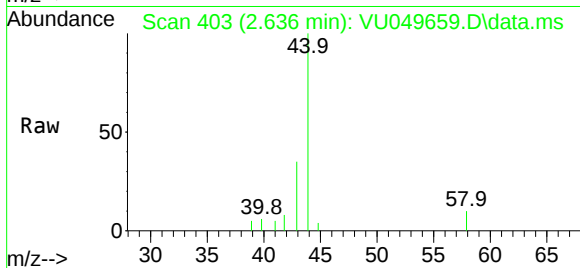
Tgt Ion: 43 Resp: 3084
 Ion Ratio Lower Upper
 43 100
 58 28.4 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#14

Carbon Disulfide

Concen: 0.285 ug/l

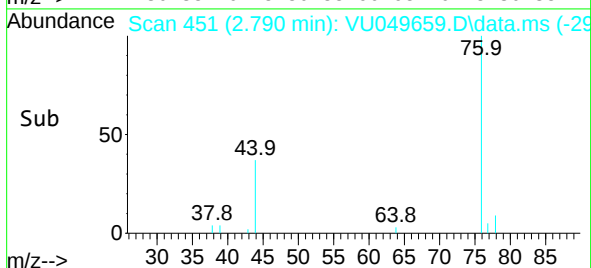
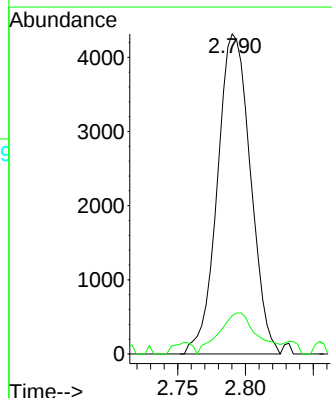
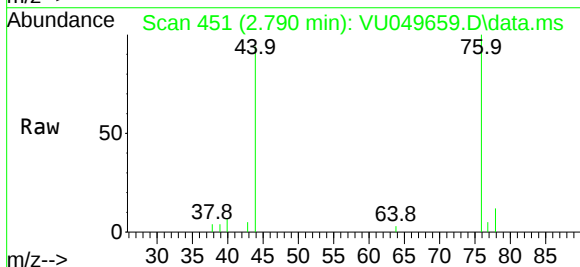
RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU049659.D

Acq: 08 Jul 2022 16:37

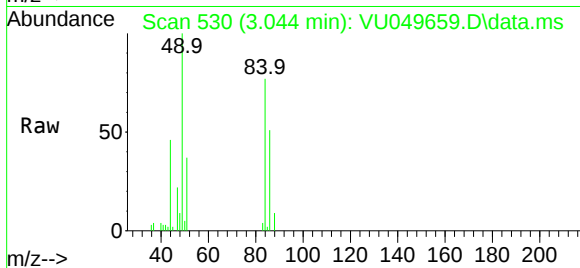
Tgt Ion: 76 Resp: 7308
 Ion Ratio Lower Upper
 76 100
 78 9.1 7.4 11.0





#15
Methylene Chloride
Concen: 1.037 ug/l
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

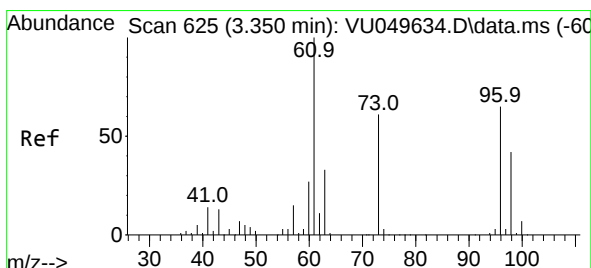
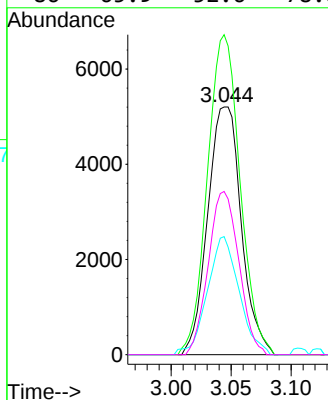
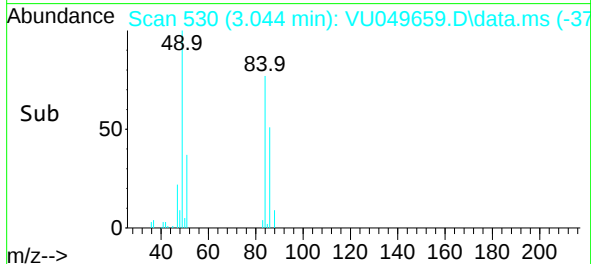
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022



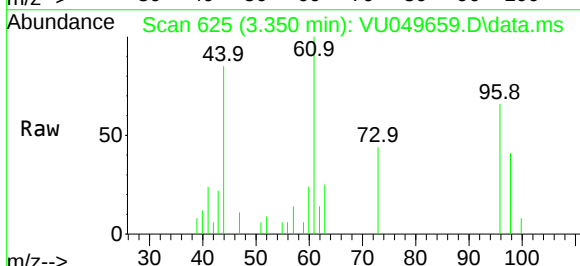
Tgt Ion: 84 Resp: 10132
Ion Ratio Lower Upper
84 100
49 129.2 104.6 157.0
51 47.7 0.0 81.4
86 65.9 52.6 78.8

Manual Integrations
APPROVED

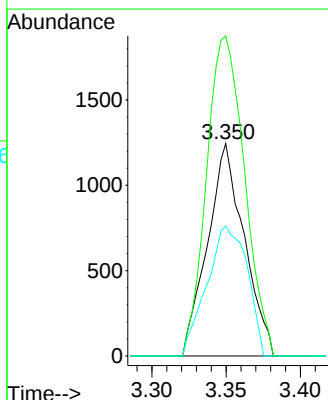
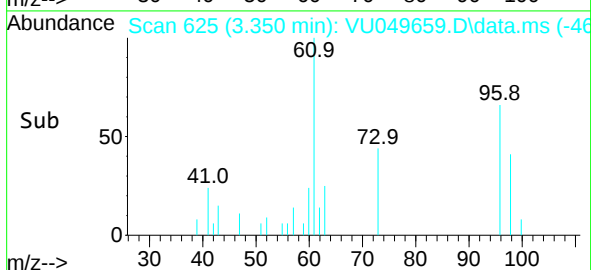
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#16
trans-1,2-Dichloroethene
Concen: 0.260 ug/l
RT: 3.350 min Scan# 625
Delta R.T. 0.000 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37



Tgt Ion: 96 Resp: 2132
Ion Ratio Lower Upper
96 100
61 150.6 123.4 185.0
98 61.1 51.6 77.4





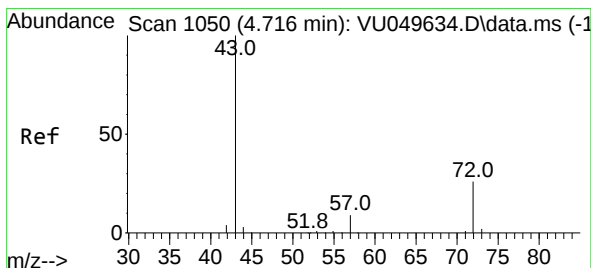
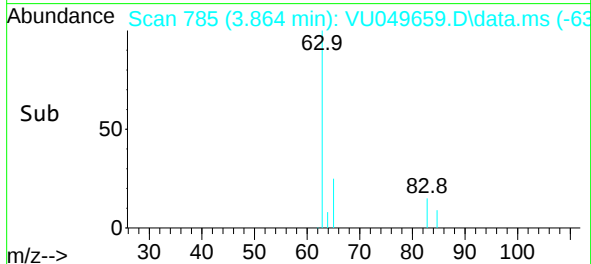
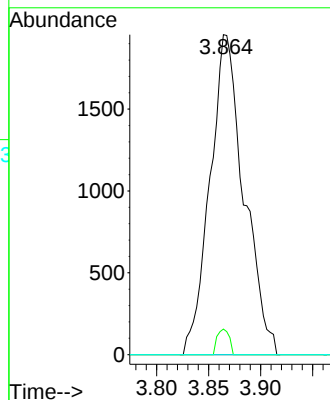
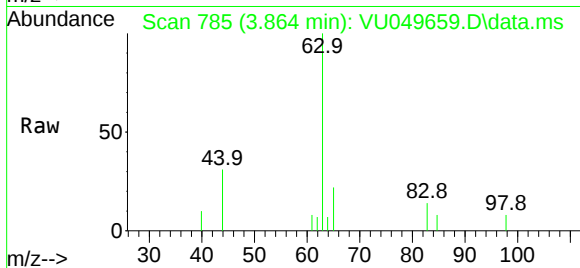
#17
1,1-Dichloroethane
Concen: 0.263 ug/l
RT: 3.864 min Scan# 786
Delta R.T. -0.003 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

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

Tgt Ion: 63 Resp: 4454
Ion Ratio Lower Upper
63 100
98 8.0 3.4 10.2
100 0.0 2.0 6.0

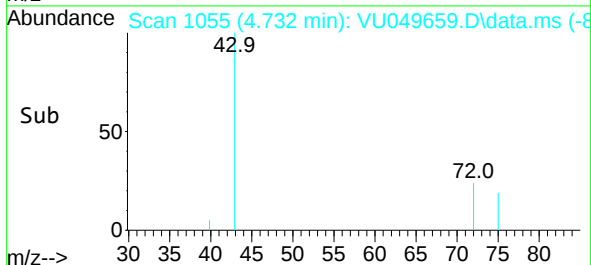
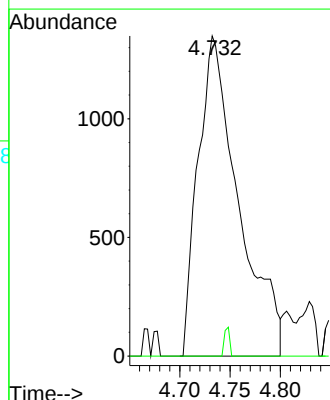
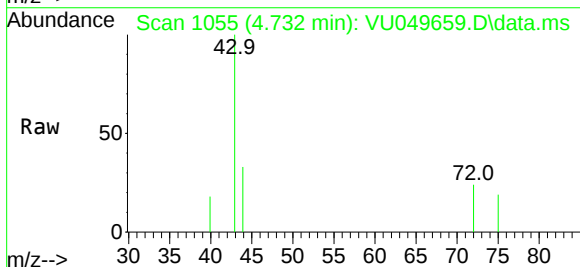
Manual Integrations
APPROVED

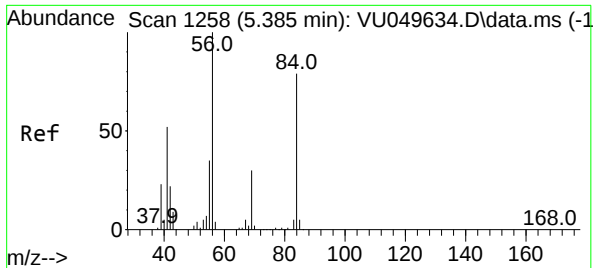
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#18
2-Butanone
Concen: 1.349 ug/l
RT: 4.732 min Scan# 1055
Delta R.T. 0.016 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

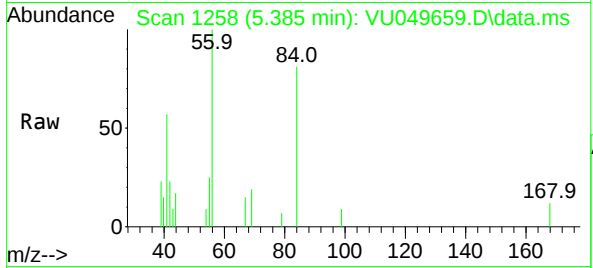
Tgt Ion: 43 Resp: 3785
Ion Ratio Lower Upper
43 100
57 0.0 0.0 18.0





#19
Cyclohexane
Concen: 0.193 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

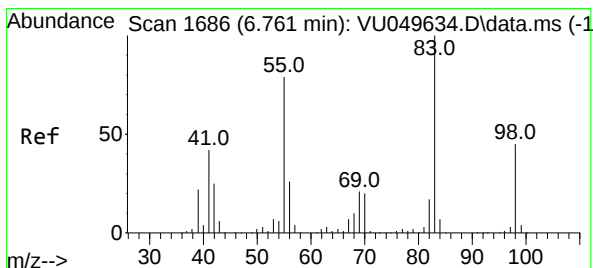
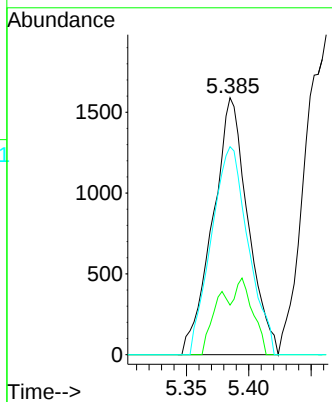
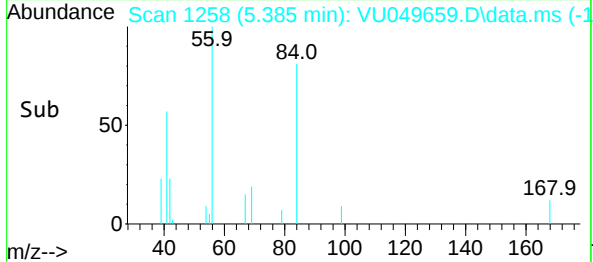
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT2-2022



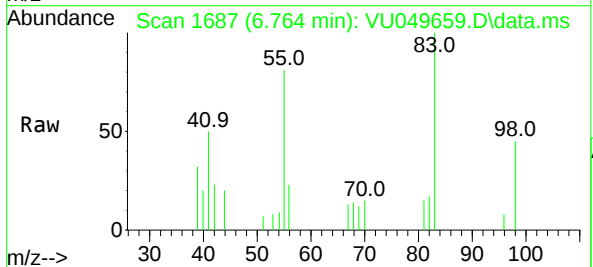
Tgt Ion: 56 Resp: 3124
Ion Ratio Lower Upper
56 100
69 12.2 24.2 36.4
84 84.6 63.4 95.2

Manual Integrations
APPROVED

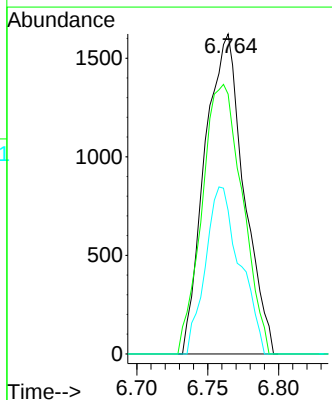
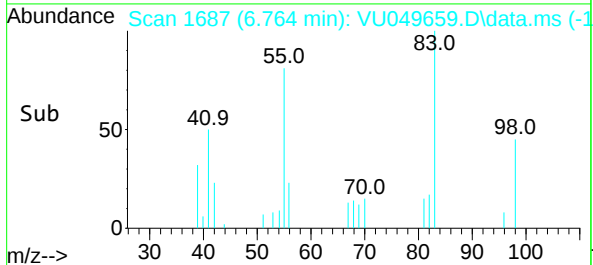
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

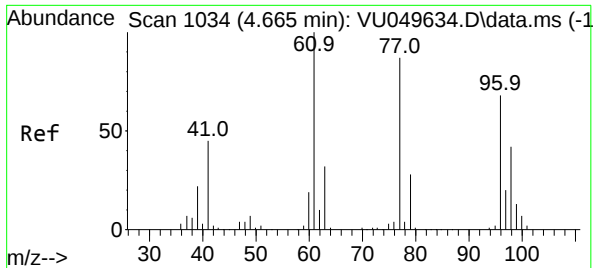


#20
Methylcyclohexane
Concen: 0.194 ug/l
RT: 6.764 min Scan# 1687
Delta R.T. 0.003 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37



Tgt Ion: 83 Resp: 3102
Ion Ratio Lower Upper
83 100
55 87.3 63.0 94.4
98 46.2 35.7 53.5





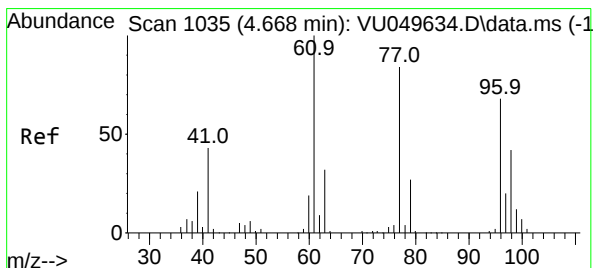
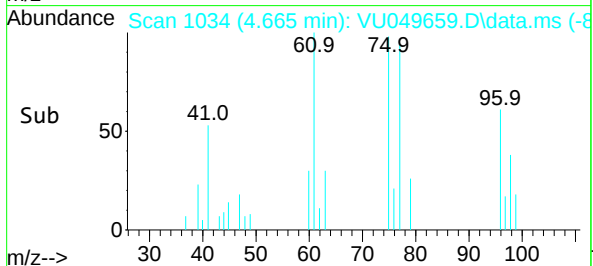
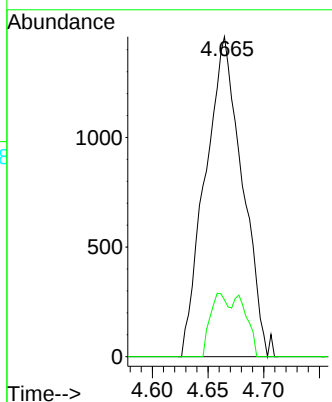
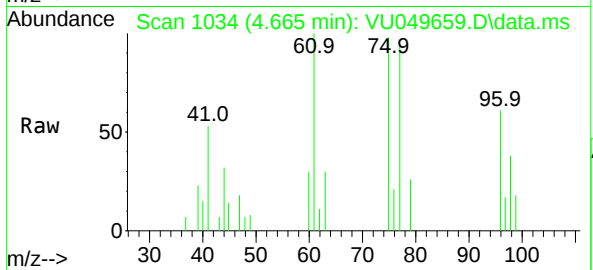
#21
2,2-Dichloropropane
Concen: 0.243 ug/l
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

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

Tgt Ion: 77 Resp: 3368
Ion Ratio Lower Upper
77 100
97 10.5 18.5 27.7

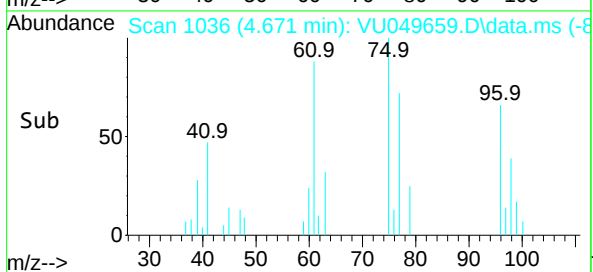
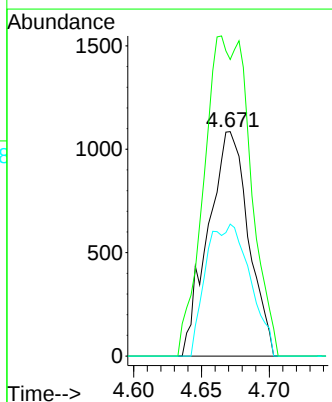
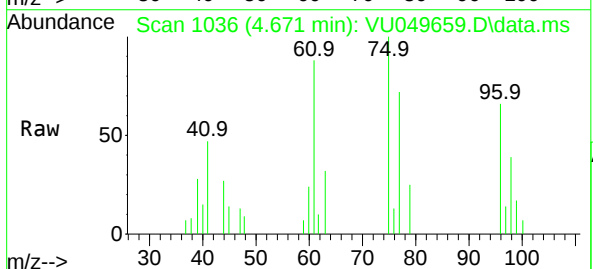
Manual Integrations
APPROVED

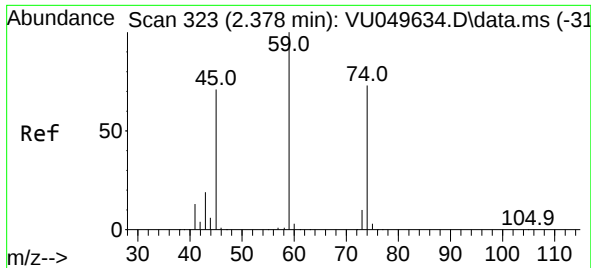
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#22
cis-1,2-Dichloroethene
Concen: 0.222 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

Tgt Ion: 96 Resp: 2245
Ion Ratio Lower Upper
96 100
61 95.3 0.0 375.8
98 26.5 31.6 95.0





#23

Diethyl Ether

Concen: 0.243 ug/l

RT: 2.375 min Scan# 30

Delta R.T. -0.003 min

Lab File: VU049659.D

Acq: 08 Jul 2022 16:37

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion: 59 Resp: 1618

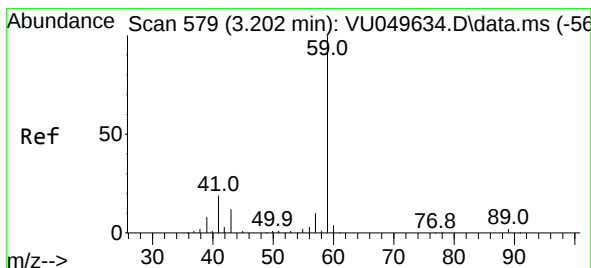
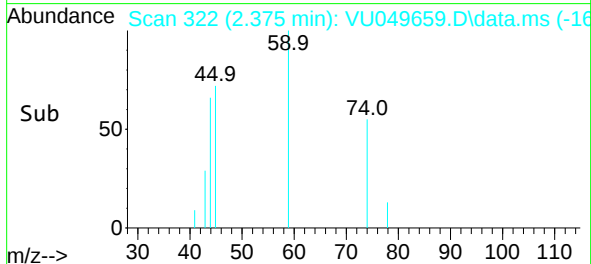
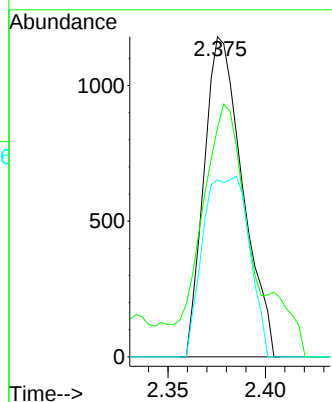
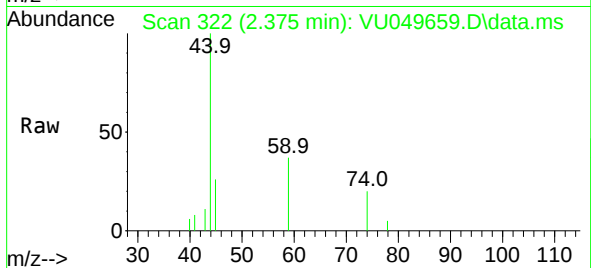
Ion	Ratio	Lower	Upper
59	100		
45	102.0	56.0	84.0
74	67.7	57.6	86.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#24

tert-Butyl Alcohol

Concen: 2.626 ug/l m

RT: 3.211 min Scan# 582

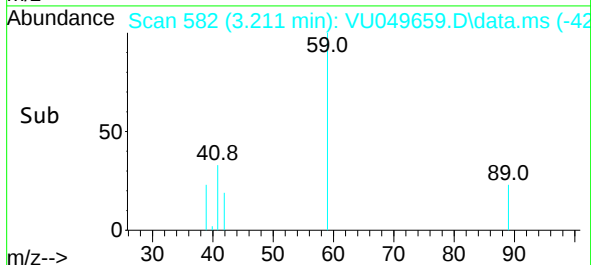
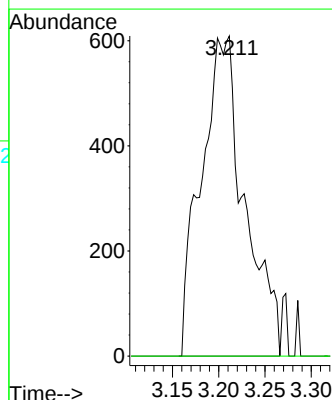
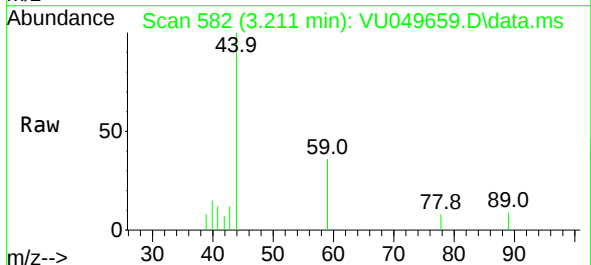
Delta R.T. 0.010 min

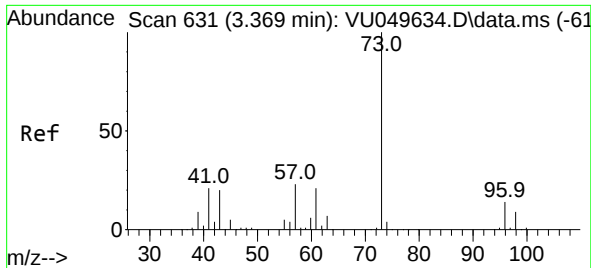
Lab File: VU049659.D

Acq: 08 Jul 2022 16:37

Tgt Ion: 59 Resp: 1991

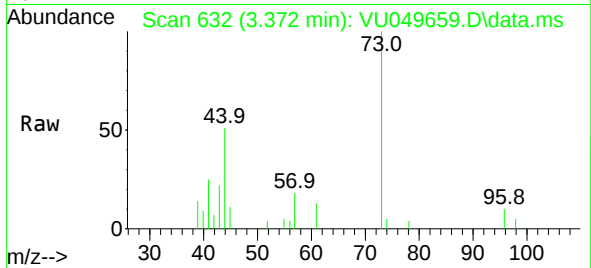
Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2





#25
Methyl tert-Butyl Ether
Concen: 0.265 ug/l
RT: 3.372 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

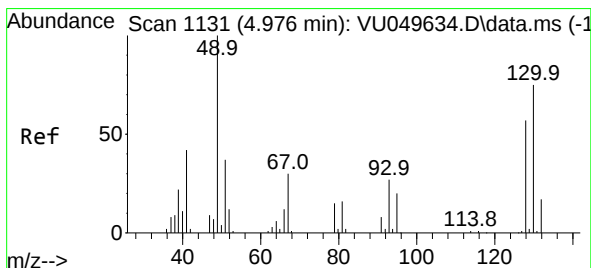
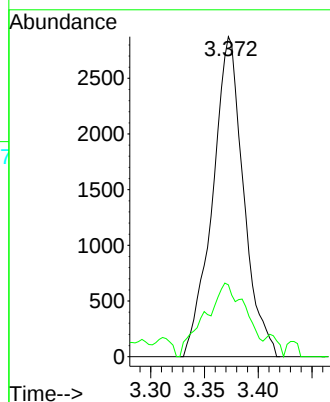
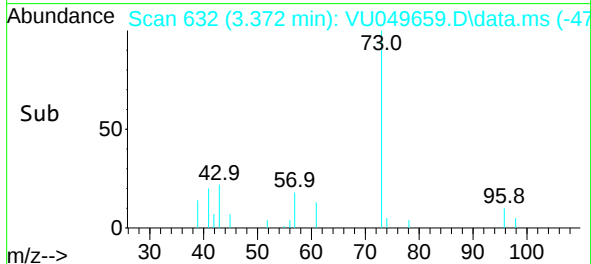
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 73 Resp: 5778
Ion Ratio Lower Upper
73 100
43 30.5 15.9 23.9

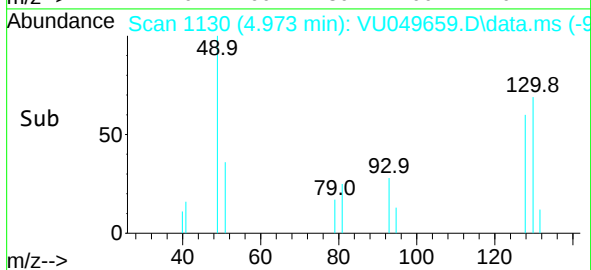
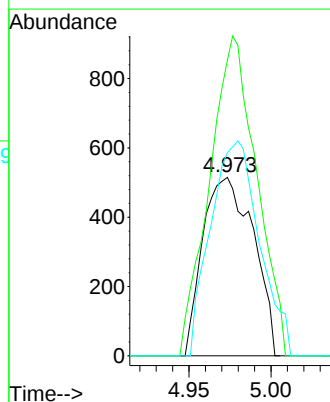
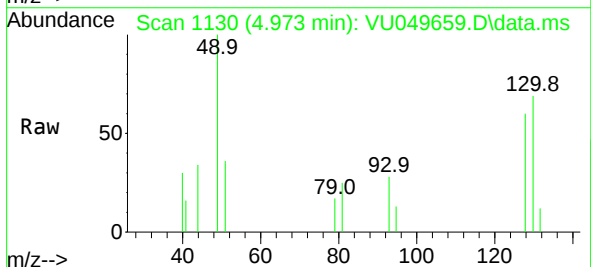
Manual Integrations
APPROVED

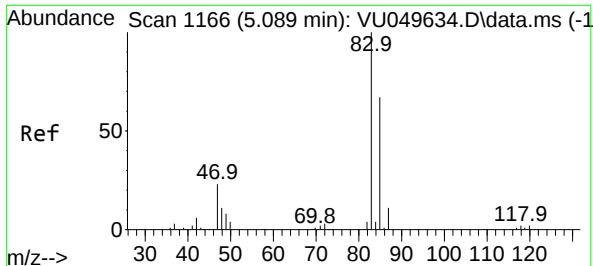
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#26
Bromochloromethane
Concen: 0.259 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. -0.003 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

Tgt Ion:128 Resp: 1103
Ion Ratio Lower Upper
128 100
49 166.5 0.0 349.2
130 116.6 103.0 154.6





#27

Chloroform

Concen: 0.253 ug/l

RT: 5.096 min Scan# 1166

Delta R.T. 0.007 min

Lab File: VU049659.D

Acq: 08 Jul 2022 16:37

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2022

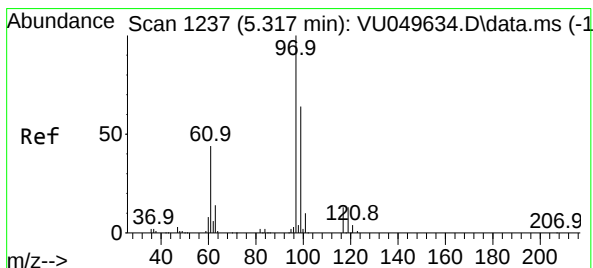
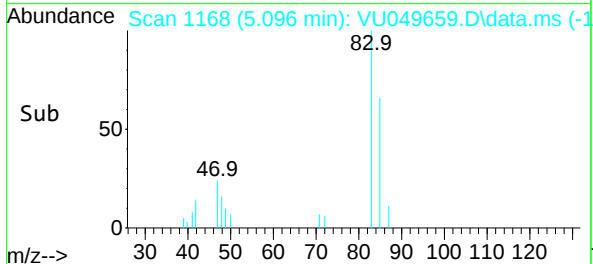
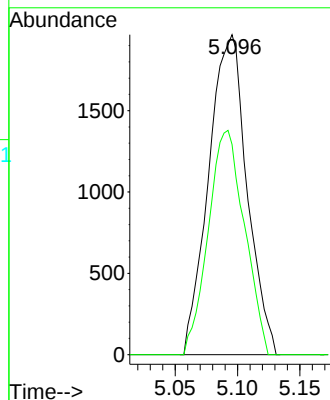
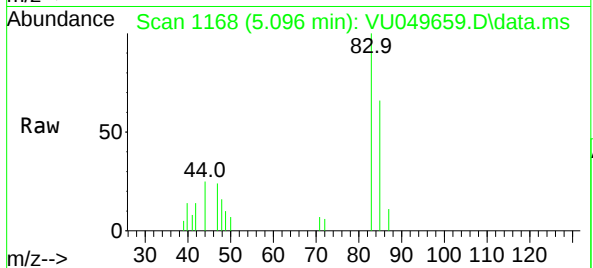
Tgt Ion: 83 Resp: 421
 Ion Ratio Lower Upper
 83 100
 85 65.7 0.0 133.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#28

1,1,1-Trichloroethane

Concen: 0.263 ug/l

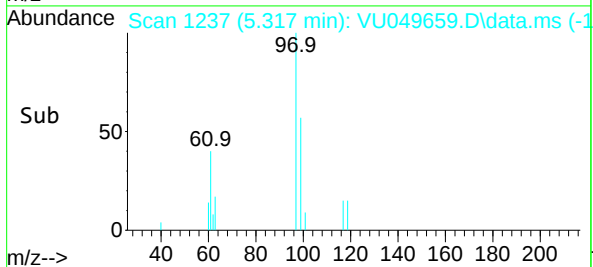
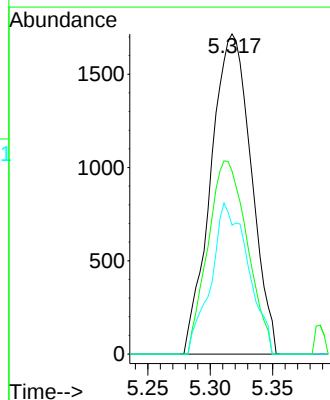
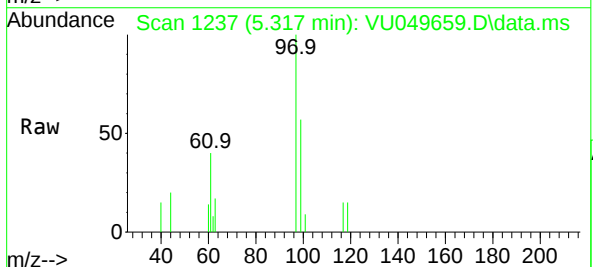
RT: 5.317 min Scan# 1237

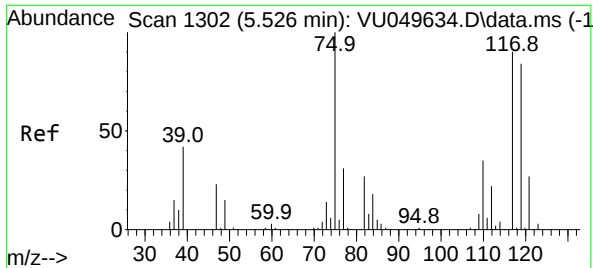
Delta R.T. 0.000 min

Lab File: VU049659.D

Acq: 08 Jul 2022 16:37

Tgt Ion: 97 Resp: 3867
 Ion Ratio Lower Upper
 97 100
 99 58.6 32.1 96.5
 61 43.4 21.8 65.4





#29
1,1-Dichloropropene
Concen: 0.214 ug/l
RT: 5.526 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

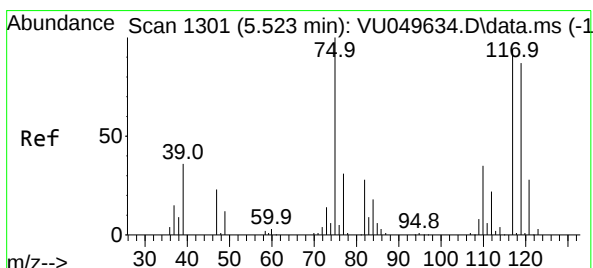
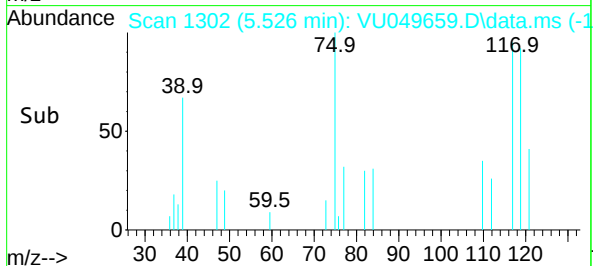
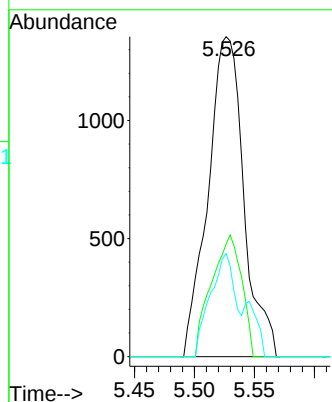
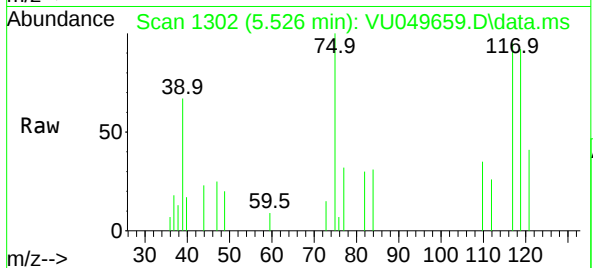
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022

Tgt Ion: 75 Resp: 2800

Ion	Ratio	Lower	Upper
75	100		
110	32.1	17.3	52.0
77	22.6	24.6	37.0

Manual Integrations
APPROVED

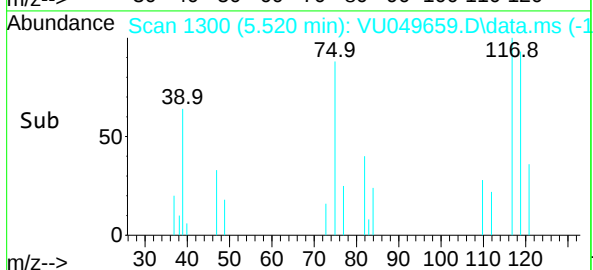
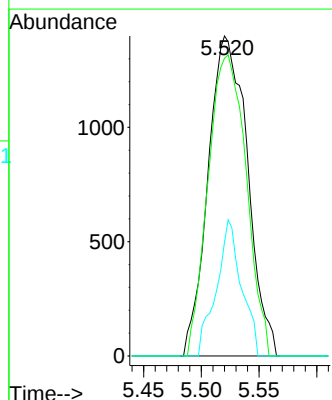
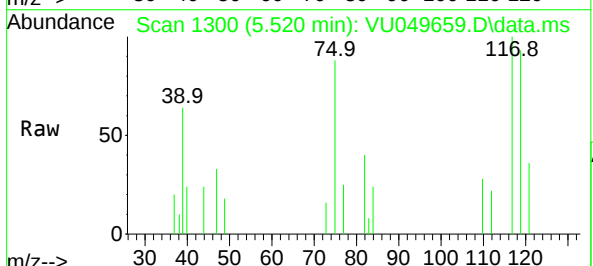
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

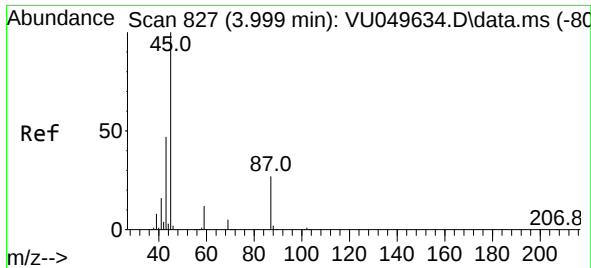


#30
Carbon Tetrachloride
Concen: 0.267 ug/l
RT: 5.520 min Scan# 1300
Delta R.T. -0.003 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

Tgt Ion:117 Resp: 3306

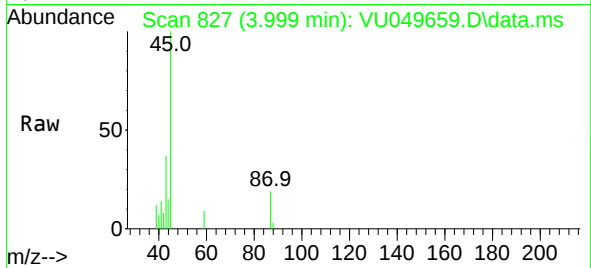
Ion	Ratio	Lower	Upper
117	100		
119	93.1	74.6	112.0
121	35.6	24.2	36.4





#31
Isopropyl Ether
Concen: 0.246 ug/l
RT: 3.999 min Scan# 827
Delta R.T. 0.000 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

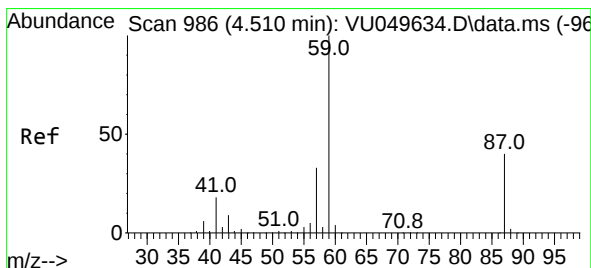
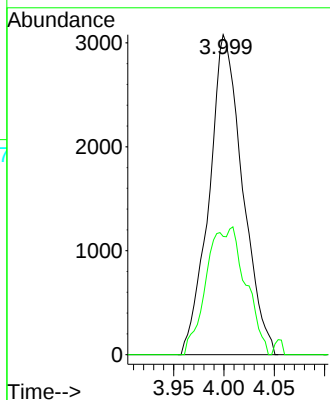
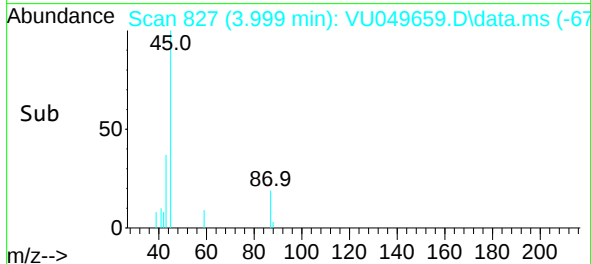
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022



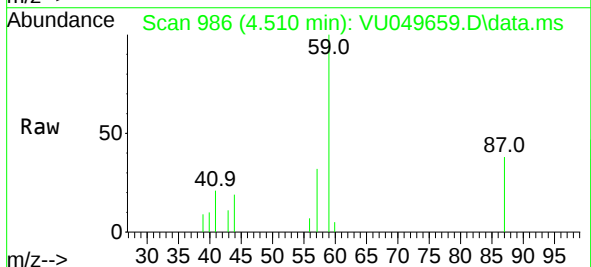
Tgt Ion: 45 Resp: 7130
Ion Ratio Lower Upper
45 100
43 25.3 23.8 71.2

Manual Integrations
APPROVED

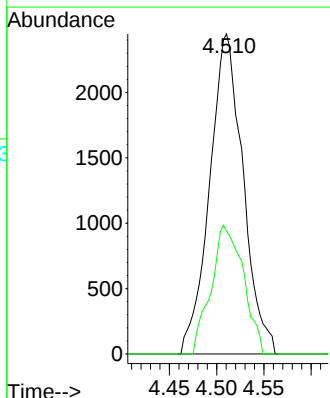
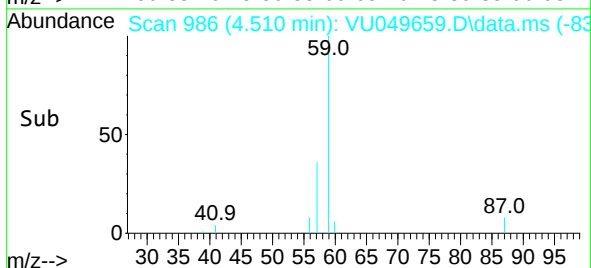
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#32
Ethyl-t-butyl ether
Concen: 0.219 ug/l
RT: 4.510 min Scan# 986
Delta R.T. 0.000 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37



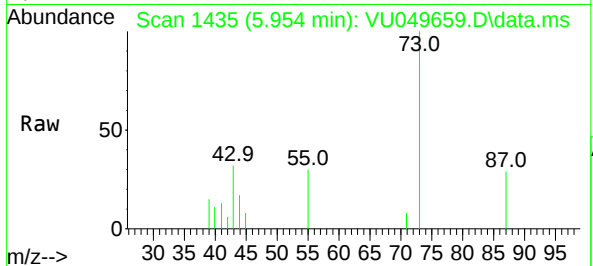
Tgt Ion: 59 Resp: 6013
Ion Ratio Lower Upper
59 100
87 38.8 32.5 48.7





#33
Tert-Amyl methyl ether
Concen: 0.217 ug/l m
RT: 5.954 min Scan# 1432
Delta R.T. 0.010 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

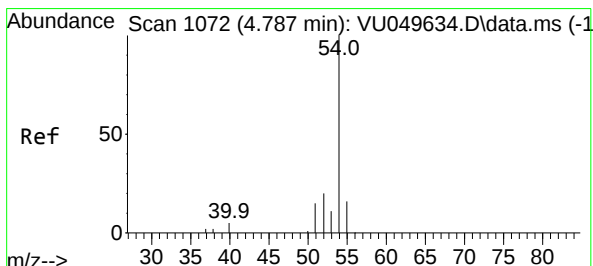
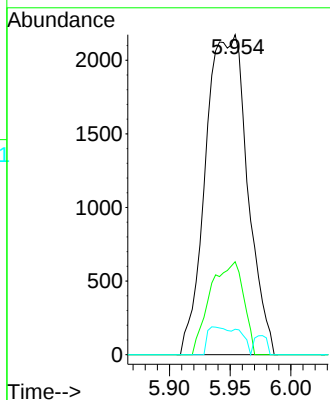
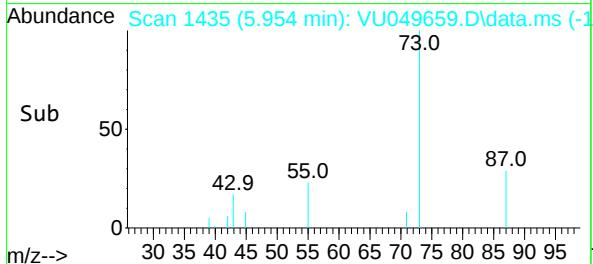
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022



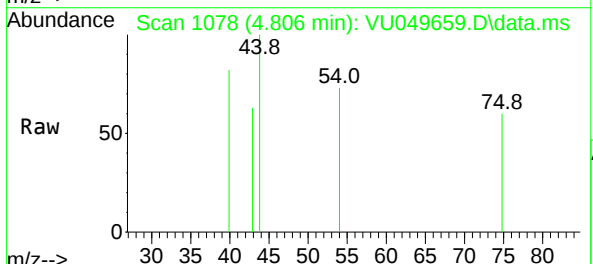
Tgt Ion: 73 Resp: 5198
Ion Ratio Lower Upper
73 100
87 23.2 19.7 29.5
71 4.5 9.0 13.4

Manual Integrations
APPROVED

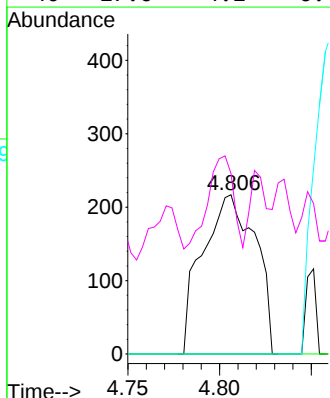
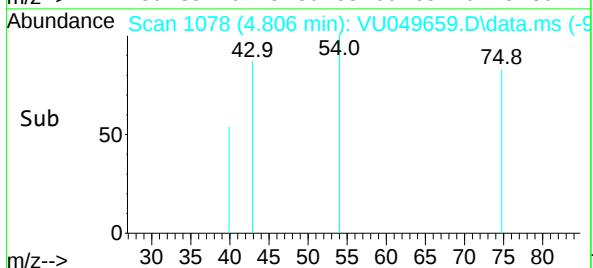
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

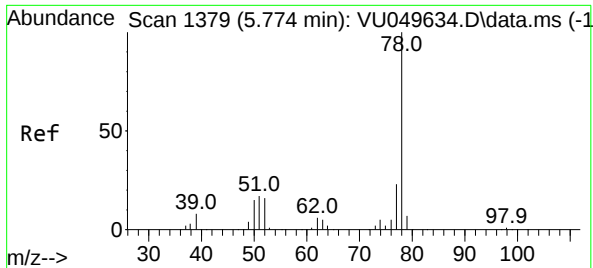


#34
Propionitrile
Concen: 0.541 ug/l
RT: 4.806 min Scan# 1078
Delta R.T. 0.019 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37



Tgt Ion: 54 Resp: 435
Ion Ratio Lower Upper
54 100
52 0.0 15.0 22.6#
55 0.0 12.6 19.0#
40 27.6 4.2 6.4#





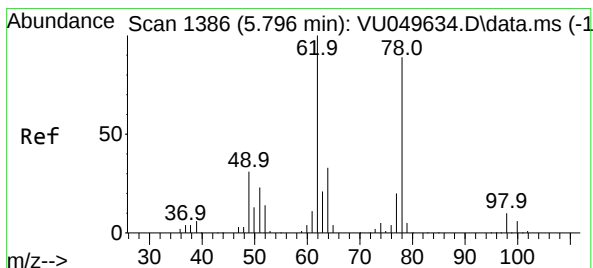
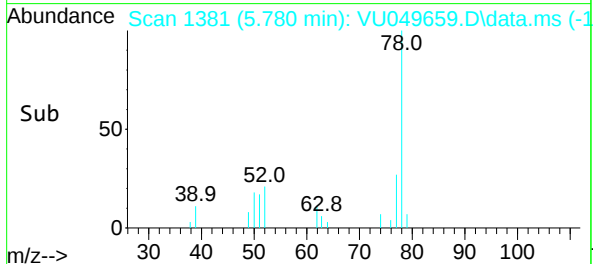
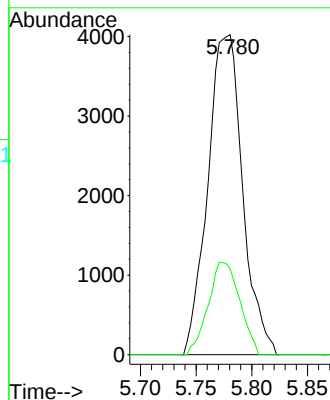
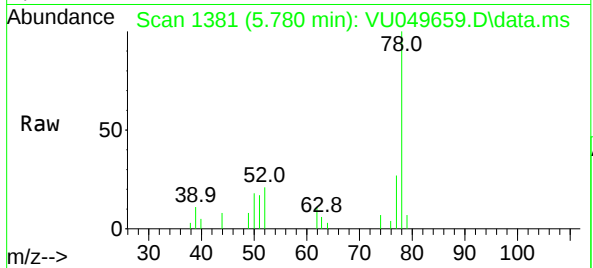
#35
Benzene
Concen: 0.234 ug/l
RT: 5.780 min Scan# 1381
Delta R.T. 0.007 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

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

Tgt Ion: 78 Resp: 875
Ion Ratio Lower Upper
78 100
77 26.8 18.6 28.0

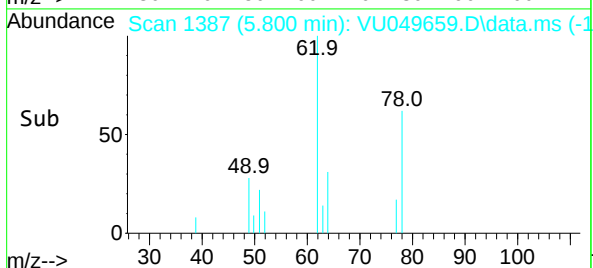
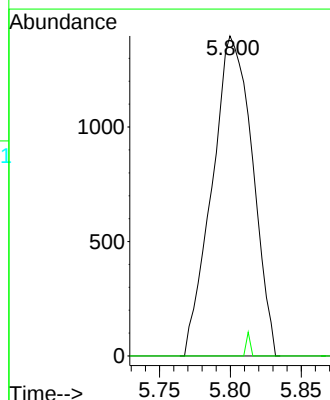
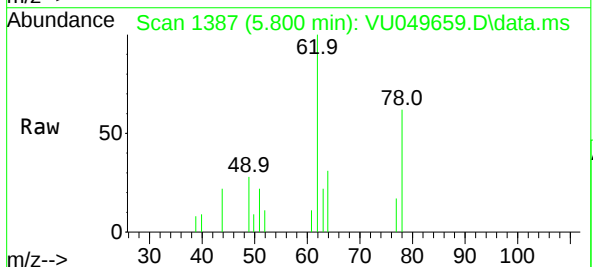
Manual Integrations
APPROVED

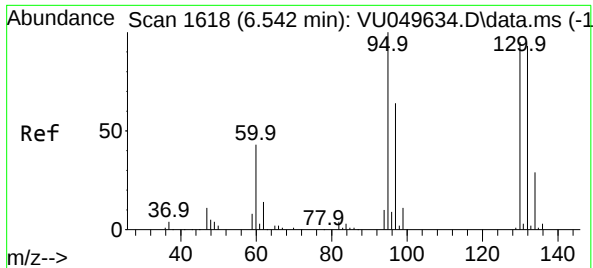
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#36
1,2-Dichloroethane
Concen: 0.260 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.003 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

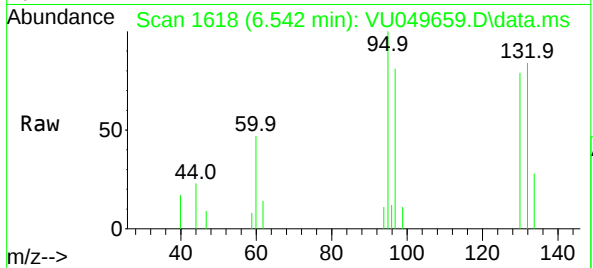
Tgt Ion: 62 Resp: 2770
Ion Ratio Lower Upper
62 100
98 0.7 7.4 11.0#





#37
Trichloroethene
Concen: 0.220 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

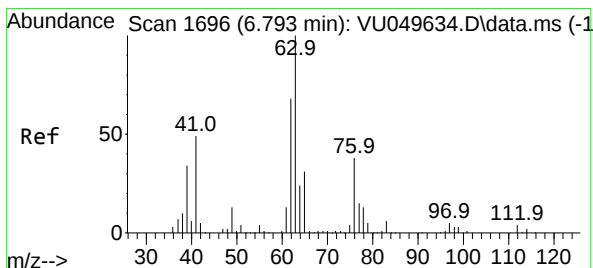
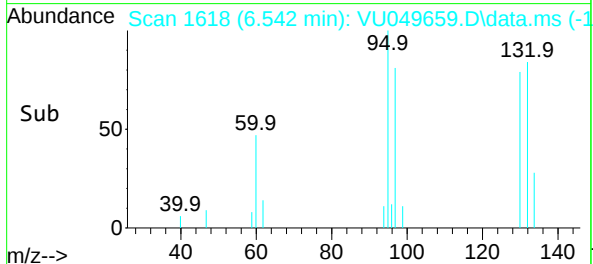
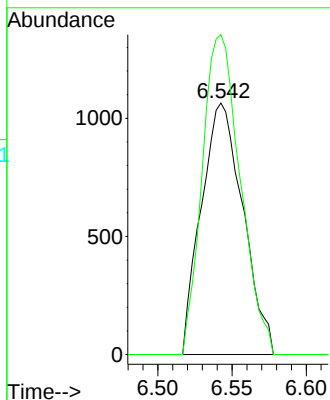
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:130 Resp: 2070
Ion Ratio Lower Upper
130 100
95 127.1 83.8 125.8

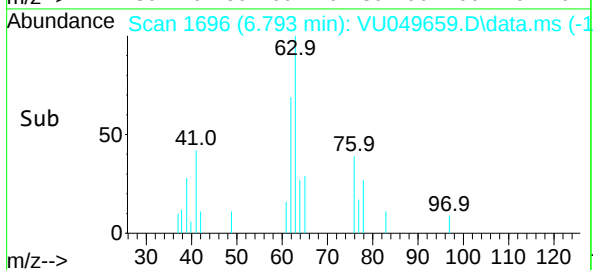
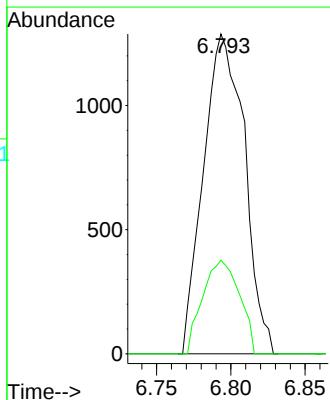
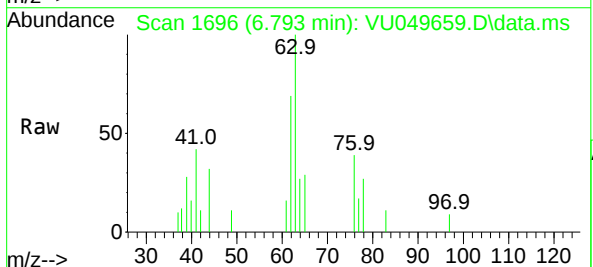
Manual Integrations
APPROVED

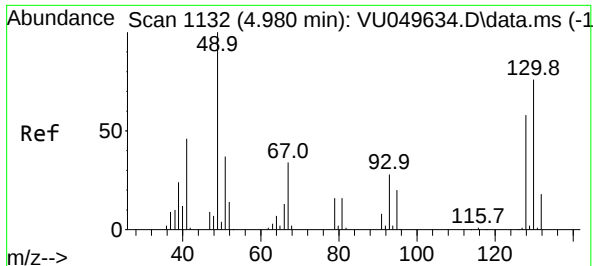
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#38
1,2-Dichloropropane
Concen: 0.249 ug/l
RT: 6.793 min Scan# 1696
Delta R.T. 0.000 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

Tgt Ion: 63 Resp: 2470
Ion Ratio Lower Upper
63 100
65 29.3 25.0 37.4





#39

Methacrylonitrile

Concen: 0.191 ug/l m

RT: 4.999 min Scan# 1132

Delta R.T. 0.019 min

Lab File: VU049659.D

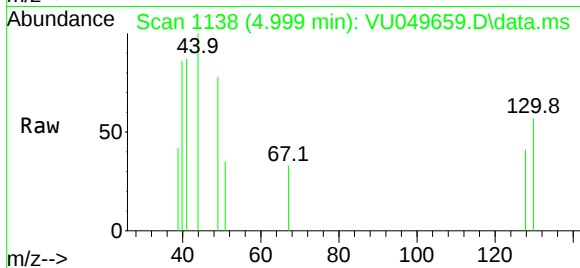
Acq: 08 Jul 2022 16:37

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2022



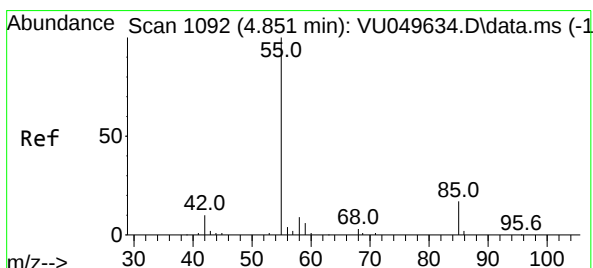
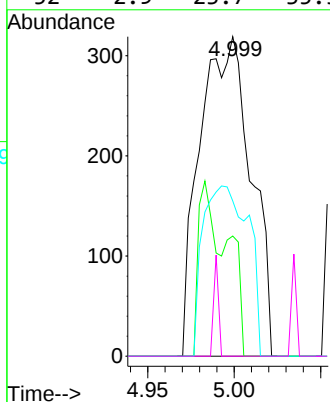
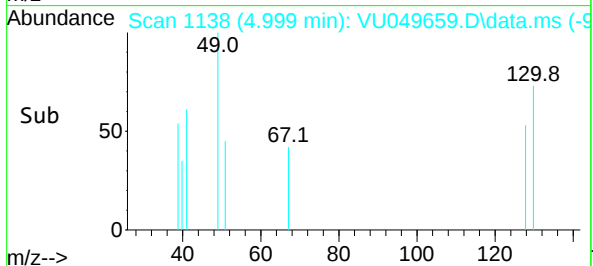
Tgt Ion:	41	Resp:	65
Ion	Ratio	Lower	Upper
41	100		
67	19.6	59.4	89.0
39	47.0	42.2	63.2
52	2.9	23.7	35.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#40

Methyl acrylate

Concen: 0.217 ug/l m

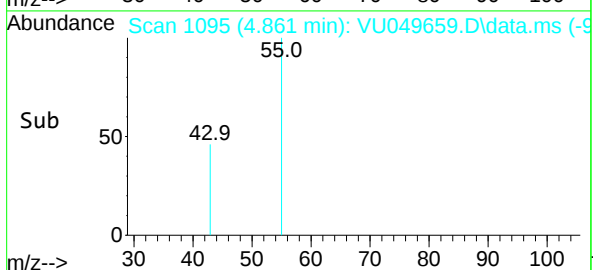
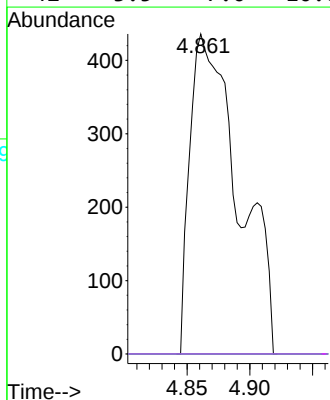
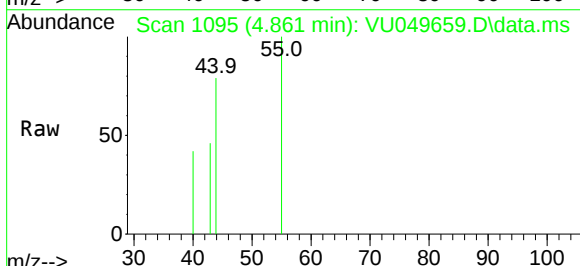
RT: 4.861 min Scan# 1095

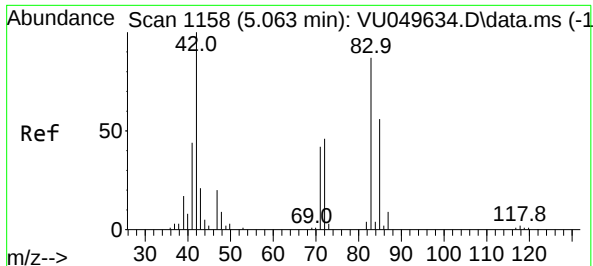
Delta R.T. 0.010 min

Lab File: VU049659.D

Acq: 08 Jul 2022 16:37

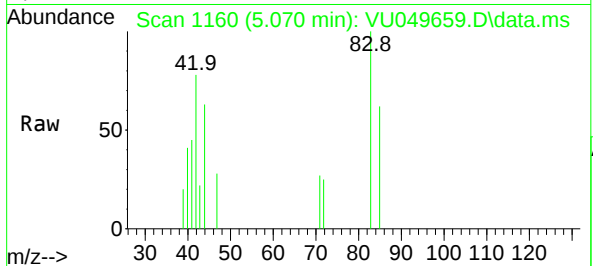
Tgt Ion:	55	Resp:	1173
Ion	Ratio	Lower	Upper
55	100		
85	0.0	13.5	20.3
58	0.0	7.0	10.4
42	3.5	7.0	10.6





#41
Tetrahydrofuran
Concen: 0.558 ug/l
RT: 5.070 min Scan# 1158
Delta R.T. 0.007 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

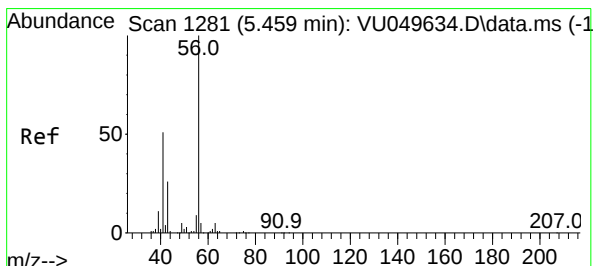
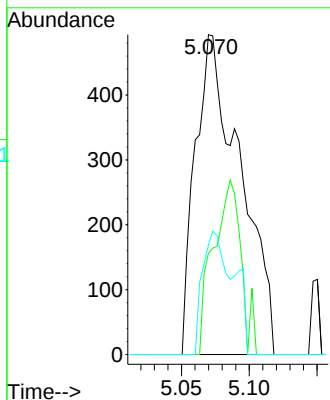
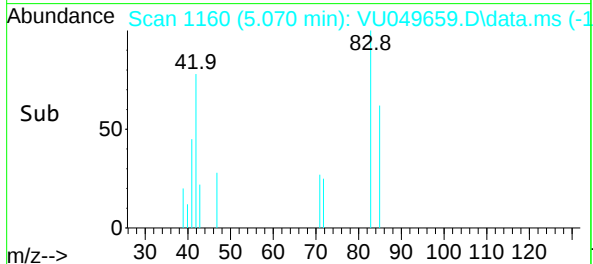
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT2-2022



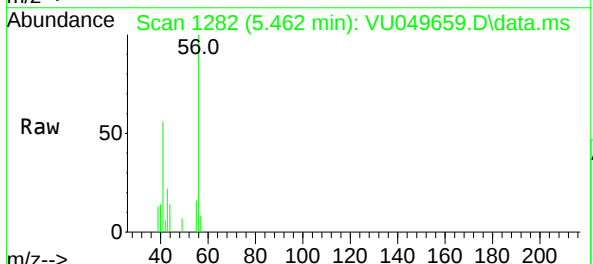
Tgt Ion: 42 Resp: 1130
Ion Ratio Lower Upper
42 100
72 33.7 38.9 58.3
71 20.2 33.7 50.5

Manual Integrations
APPROVED

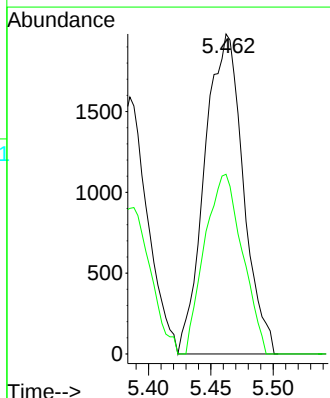
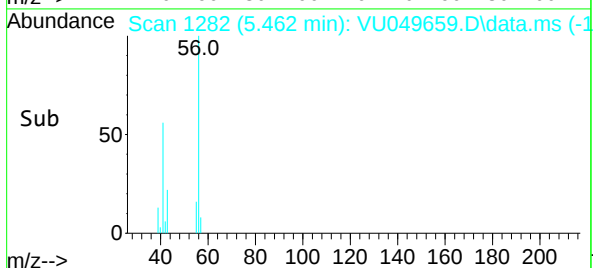
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

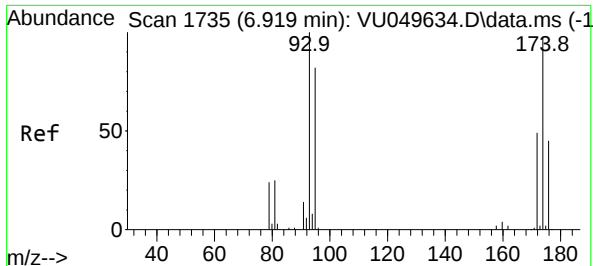


#42
1-Chlorobutane
Concen: 0.231 ug/l
RT: 5.462 min Scan# 1282
Delta R.T. 0.003 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37



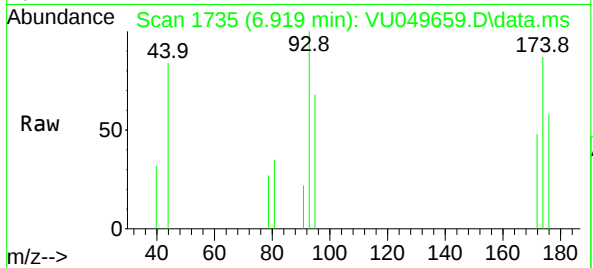
Tgt Ion: 56 Resp: 4259
Ion Ratio Lower Upper
56 100
41 55.0 26.4 79.2





#43
Dibromomethane
Concen: 0.220 ug/l
RT: 6.919 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

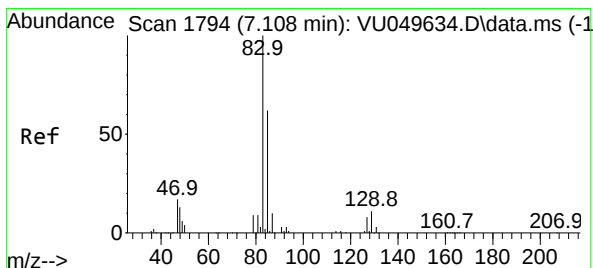
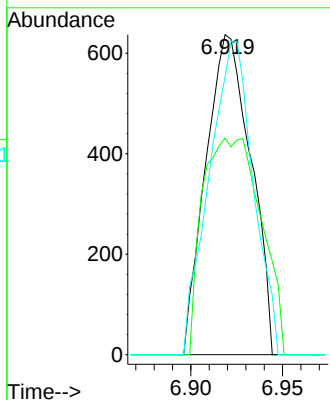
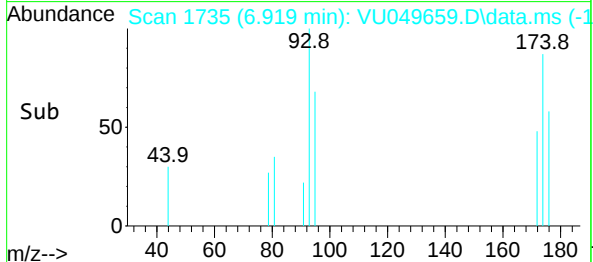
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022



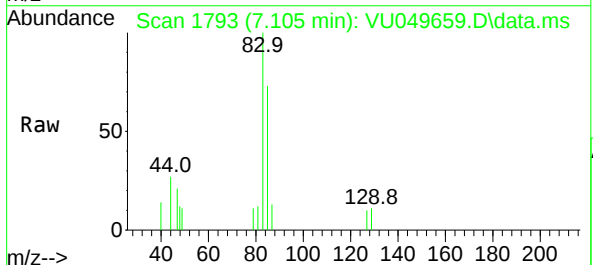
Tgt Ion: 93 Resp: 1080
Ion Ratio Lower Upper
93 100
95 87.8 65.0 97.6
174 95.9 76.3 114.5

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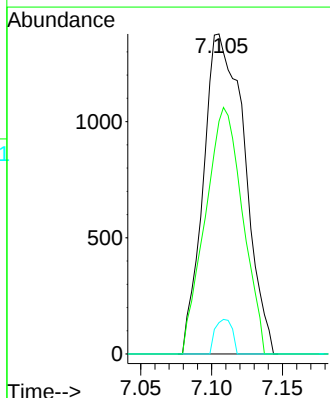
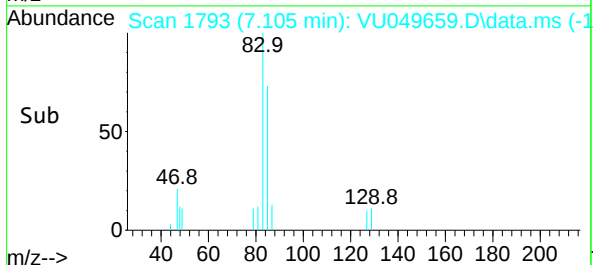
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#44
Bromodichloromethane
Concen: 0.235 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. -0.003 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37



Tgt Ion: 83 Resp: 2783
Ion Ratio Lower Upper
83 100
85 72.7 49.4 74.0
127 9.8 6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 1.210 ug/l

RT: 7.800 min Scan# 2008

Delta R.T. 0.003 min

Lab File: VU049659.D

Acq: 08 Jul 2022 16:37

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2022

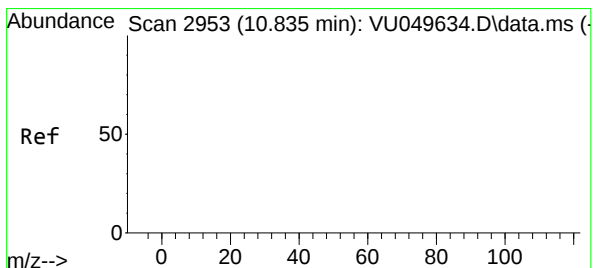
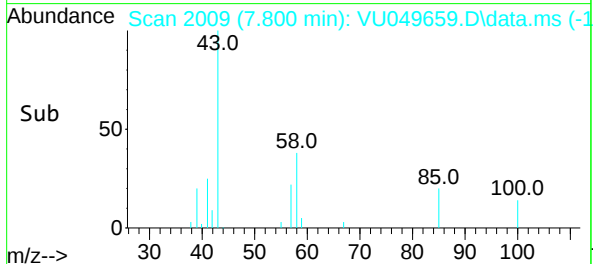
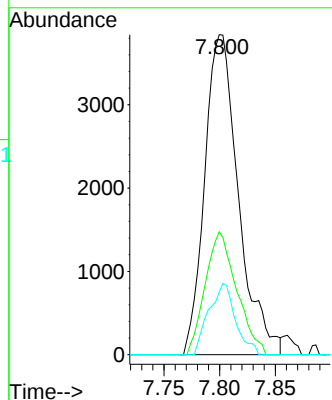
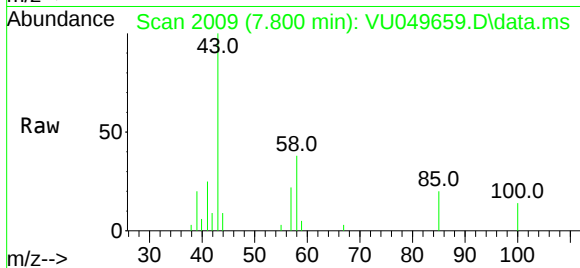
Tgt Ion: 43	Resp: 810
Ion Ratio	Lower Upper
43 100	
58 35.7	20.3 61.0
85 17.6	14.6 21.8

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: 0.450 ug/l m

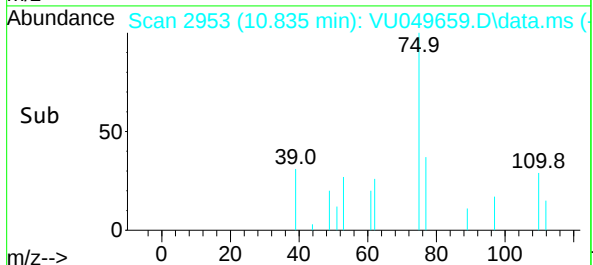
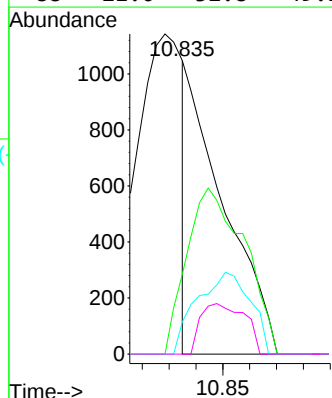
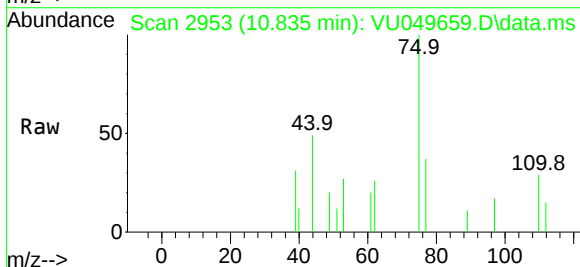
RT: 10.835 min Scan# 2953

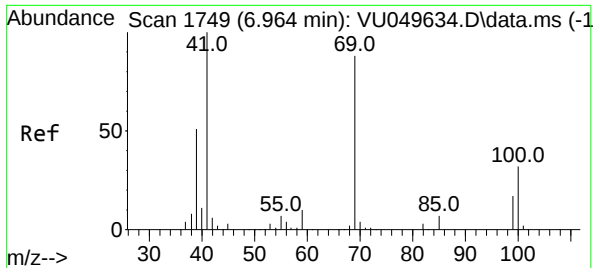
Delta R.T. 0.000 min

Lab File: VU049659.D

Acq: 08 Jul 2022 16:37

Tgt Ion: 75	Resp: 980
Ion Ratio	Lower Upper
75 100	
53 90.3	64.4 96.6
89 41.0	44.2 66.2#
88 21.0	32.8 49.2#





#47

Methyl methacrylate

Concen: 0.464 ug/l

RT: 6.970 min Scan# 1751

Delta R.T. 0.007 min

Lab File: VU049659.D

Acq: 08 Jul 2022 16:37

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2022

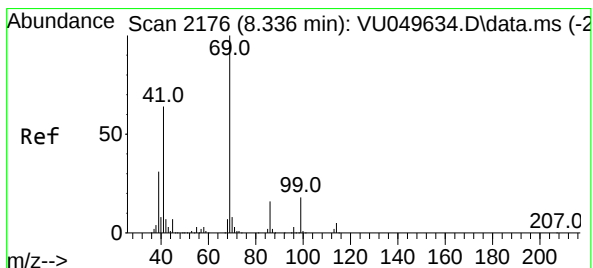
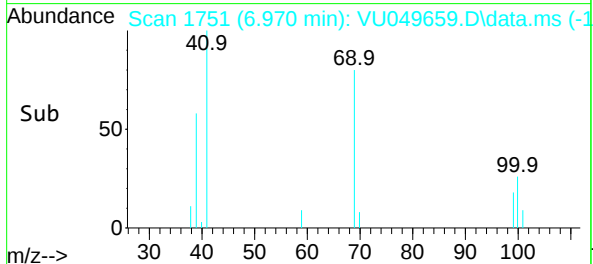
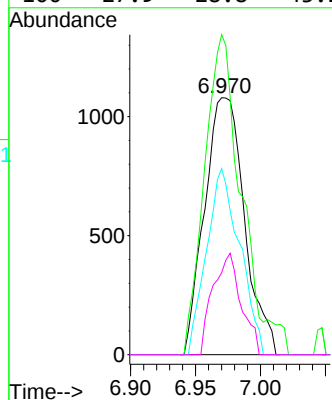
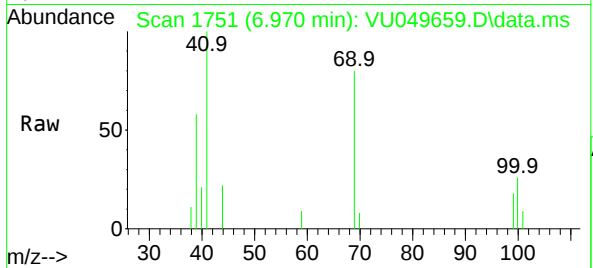
Tgt Ion:	69	Resp:	230
Ion	Ratio	Lower	Upper
69	100		
41	115.5	0.0	225.4
39	60.3	45.8	68.8
100	27.9	28.8	43.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#48

Ethyl methacrylate

Concen: 0.199 ug/l

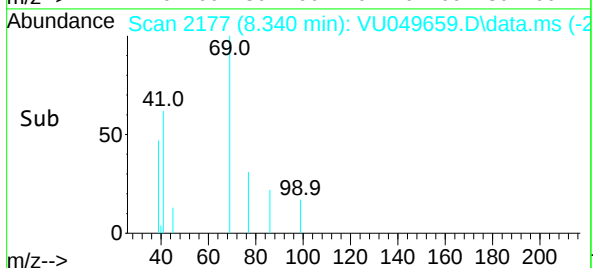
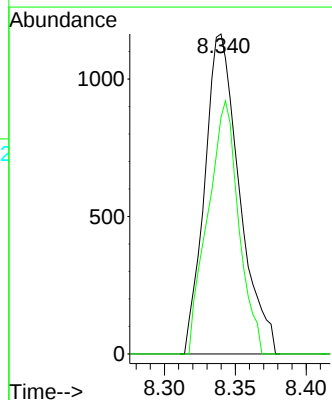
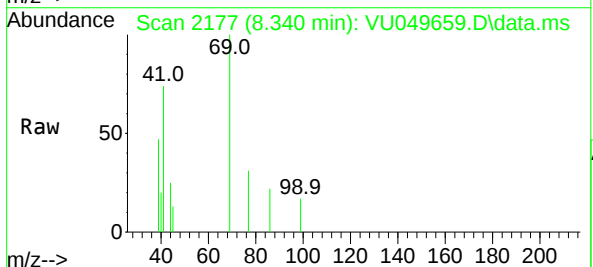
RT: 8.340 min Scan# 2177

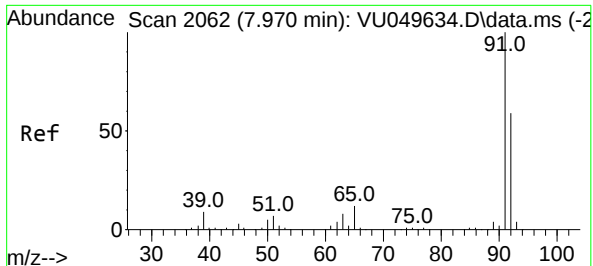
Delta R.T. 0.003 min

Lab File: VU049659.D

Acq: 08 Jul 2022 16:37

Tgt Ion:	69	Resp:	1984
Ion	Ratio	Lower	Upper
69	100		
41	70.0	32.3	96.9





#49

Toluene

Concen: 0.202 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU049659.D

Acq: 08 Jul 2022 16:37

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion: 92 Resp: 4604

Ion Ratio Lower Upper

92 100

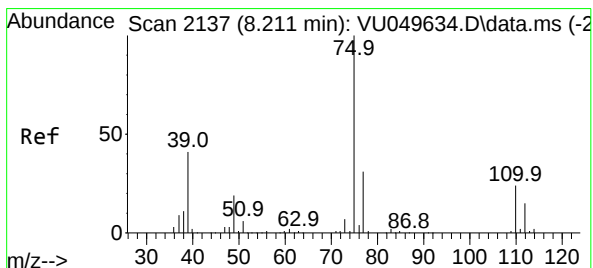
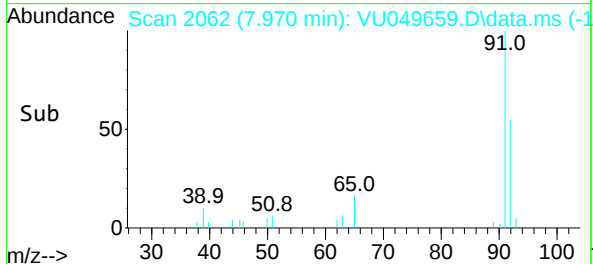
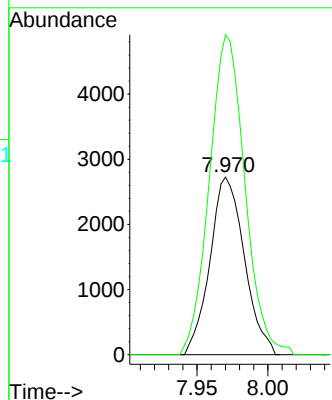
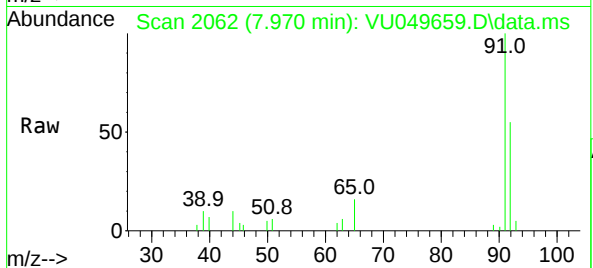
91 185.9 138.6 207.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#50

t-1,3-Dichloropropene

Concen: 0.225 ug/l

RT: 8.214 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU049659.D

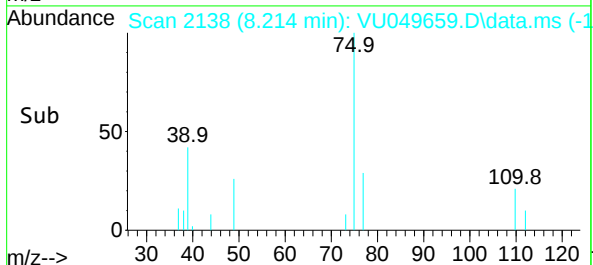
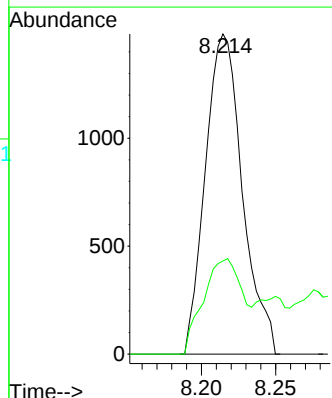
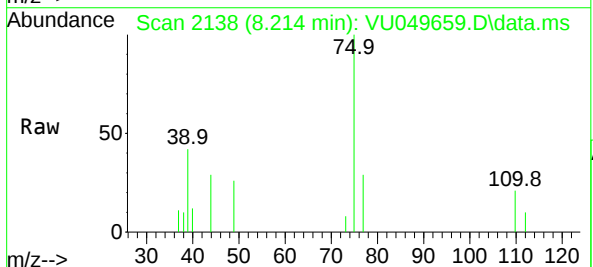
Acq: 08 Jul 2022 16:37

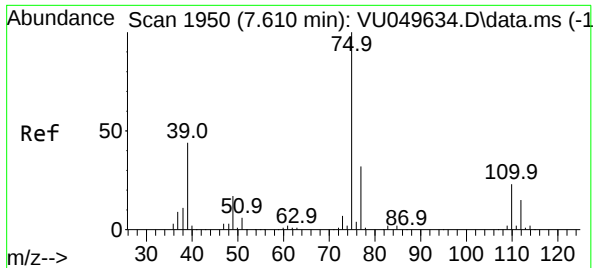
Tgt Ion: 75 Resp: 2570

Ion Ratio Lower Upper

75 100

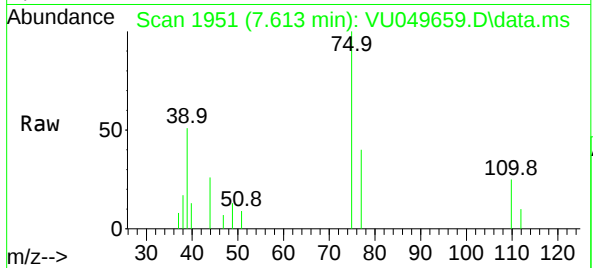
77 29.1 24.7 37.1





#51
 cis-1,3-Dichloropropene
 Concen: 0.219 ug/l
 RT: 7.613 min Scan# 1950
 Delta R.T. 0.003 min
 Lab File: VU049659.D
 Acq: 08 Jul 2022 16:37

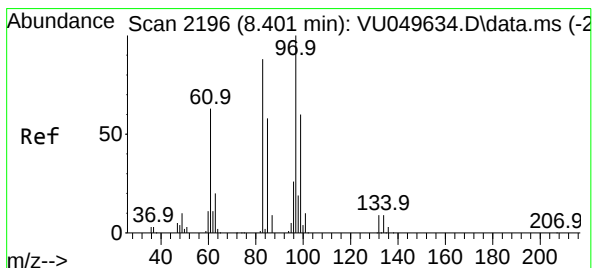
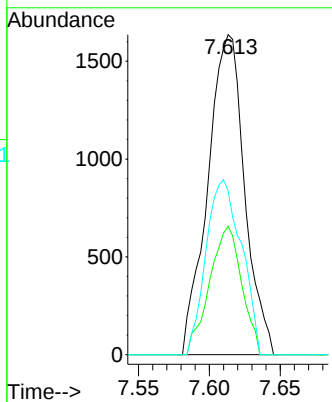
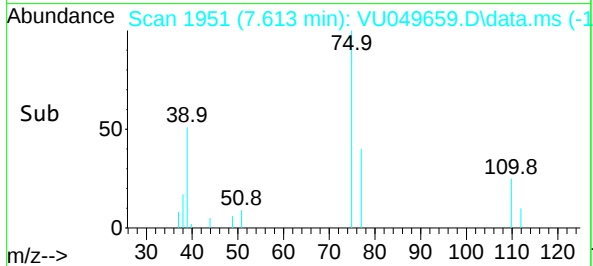
Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-03-QT2-2022



Tgt Ion: 75 Resp: 2960
 Ion Ratio Lower Upper
 75 100
 77 40.2 25.4 38.0
 39 51.2 35.1 52.7

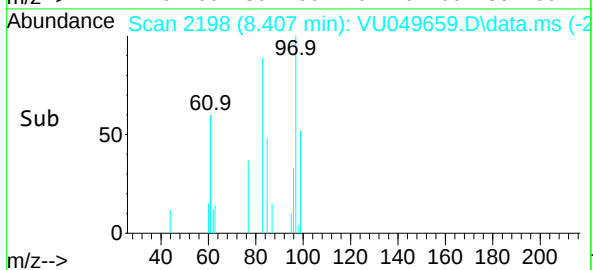
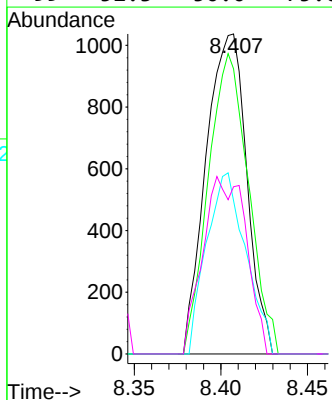
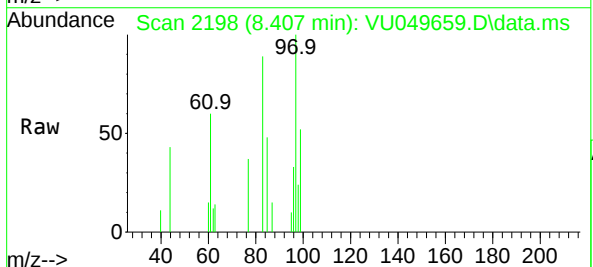
Manual Integrations
 APPROVED

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



#52
 1,1,2-Trichloroethane
 Concen: 0.249 ug/l
 RT: 8.407 min Scan# 2198
 Delta R.T. 0.007 min
 Lab File: VU049659.D
 Acq: 08 Jul 2022 16:37

Tgt Ion: 97 Resp: 1696
 Ion Ratio Lower Upper
 97 100
 83 89.1 70.6 106.0
 85 47.9 46.2 69.4
 99 52.3 50.0 75.0





#53

1,3-Dichloropropane

Concen: 0.252 ug/l

RT: 8.581 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU049659.D

Acq: 08 Jul 2022 16:37

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2022

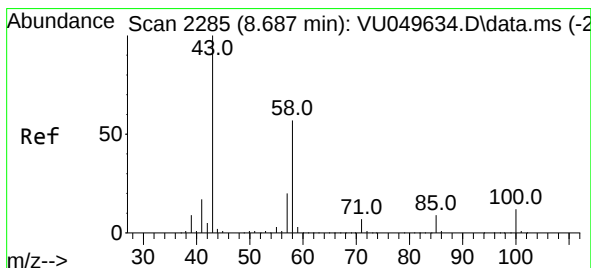
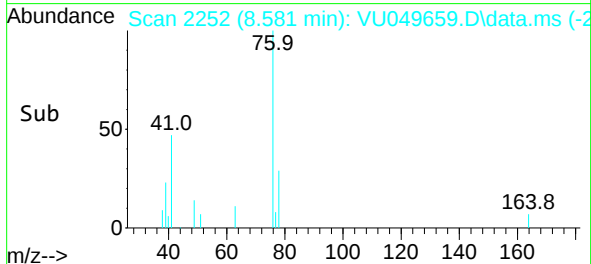
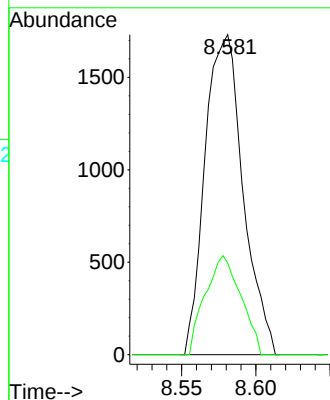
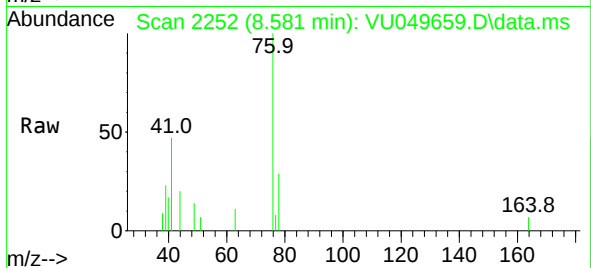
Tgt Ion: 76 Resp: 3080
 Ion Ratio Lower Upper
 76 100
 78 29.0 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#54

2-Hexanone

Concen: 1.220 ug/l

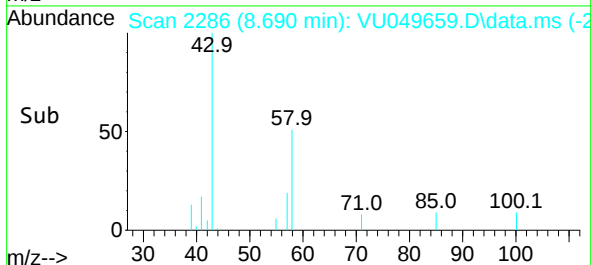
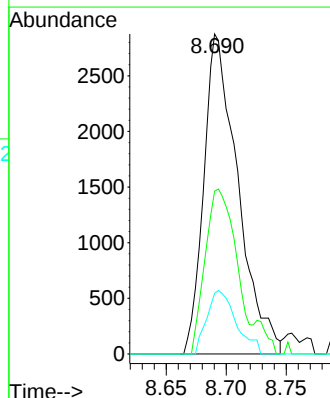
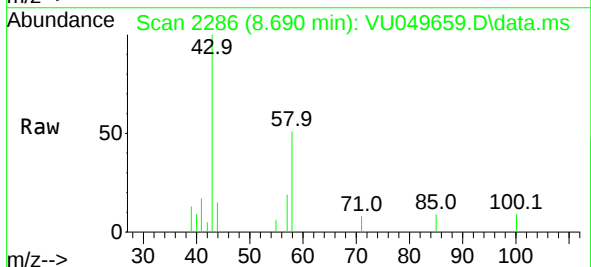
RT: 8.690 min Scan# 2286

Delta R.T. 0.003 min

Lab File: VU049659.D

Acq: 08 Jul 2022 16:37

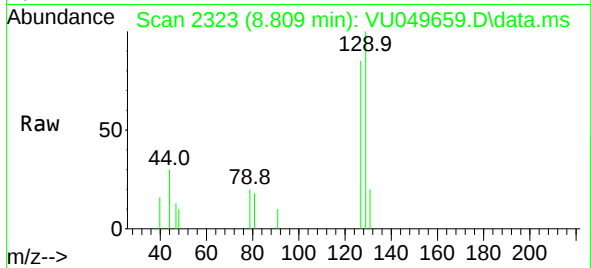
Tgt Ion: 43 Resp: 5677
 Ion Ratio Lower Upper
 43 100
 58 47.0 37.1 77.1
 57 17.0 0.0 39.5





#55
Dibromochloromethane
Concen: 0.264 ug/l
RT: 8.809 min Scan# 2129
Delta R.T. 0.000 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

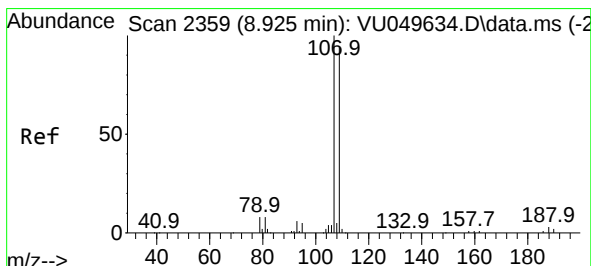
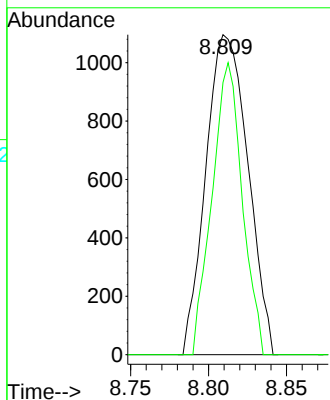
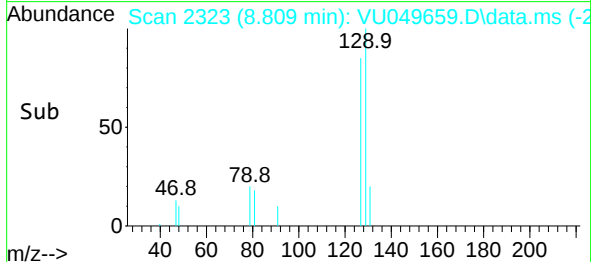
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022



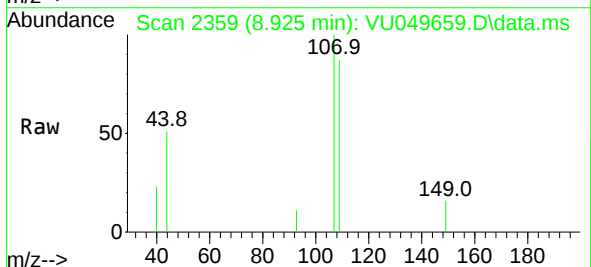
Tgt Ion:129 Resp: 2054
Ion Ratio Lower Upper
129 100
127 65.4 61.2 91.8

Manual Integrations
APPROVED

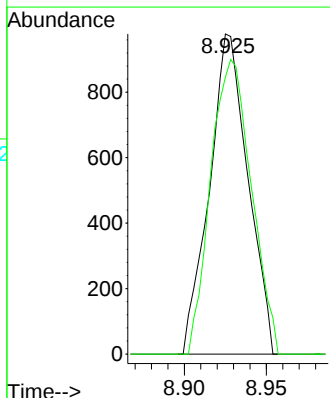
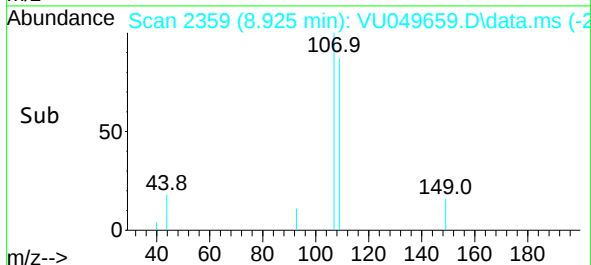
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#56
1,2-Dibromoethane
Concen: 0.241 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. 0.000 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37



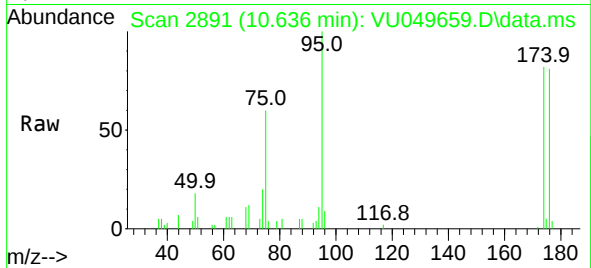
Tgt Ion:107 Resp: 1592
Ion Ratio Lower Upper
107 100
109 97.5 0.0 187.2





#57
4-Bromofluorobenzene
Concen: 0.906 ug/l
RT: 10.636 min Scan# 2141
Delta R.T. 0.003 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

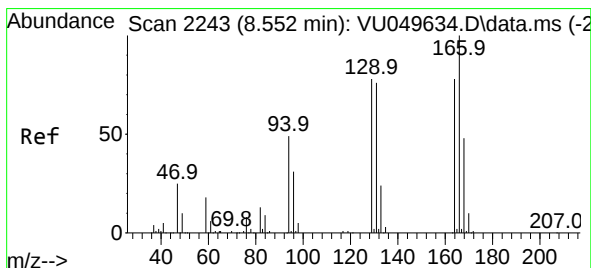
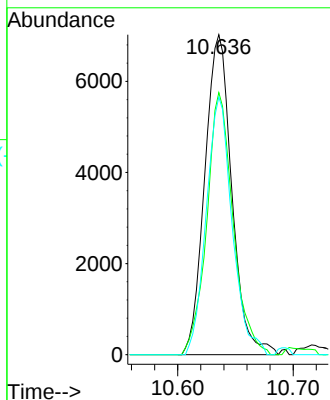
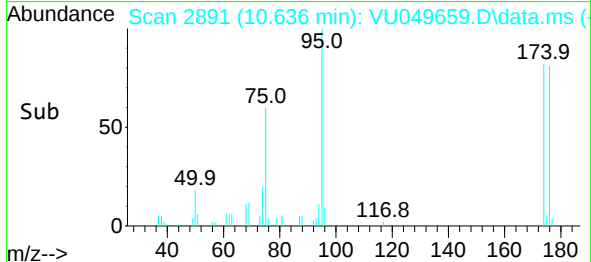
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT2-2022



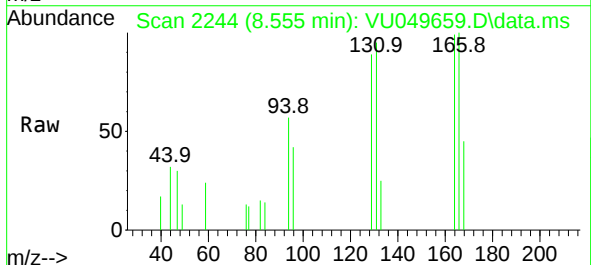
Tgt Ion: 95 Resp: 1141
Ion Ratio Lower Upper
95 100
174 79.7 62.4 93.6
176 77.2 56.2 84.2

Manual Integrations
APPROVED

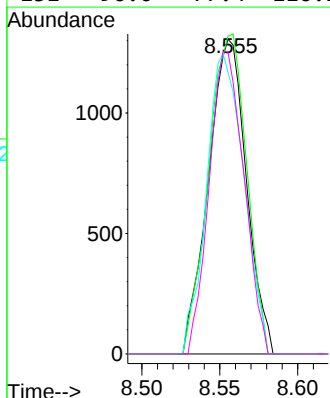
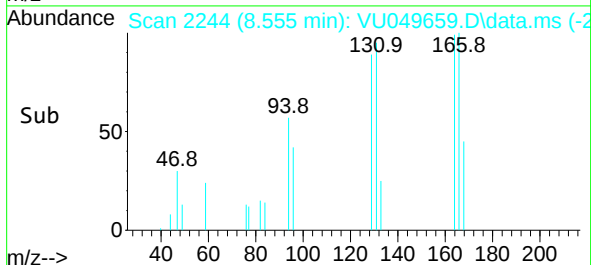
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

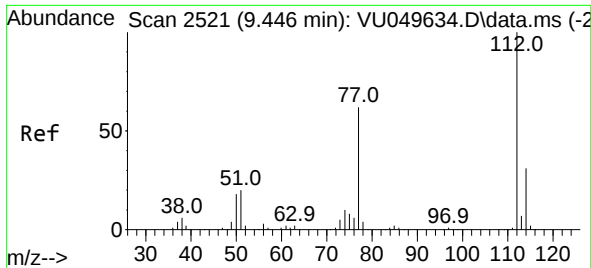


#58
Tetrachloroethene
Concen: 0.282 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37



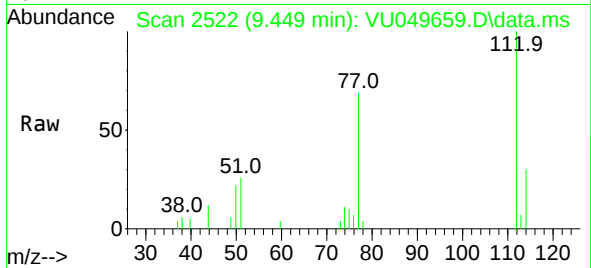
Tgt Ion:164 Resp: 2217
Ion Ratio Lower Upper
164 100
166 101.0 102.4 153.6#
129 89.5 79.5 119.3
131 96.0 77.4 116.2





#59
Chlorobenzene
Concen: 0.247 ug/l
RT: 9.449 min Scan# 211
Delta R.T. 0.003 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

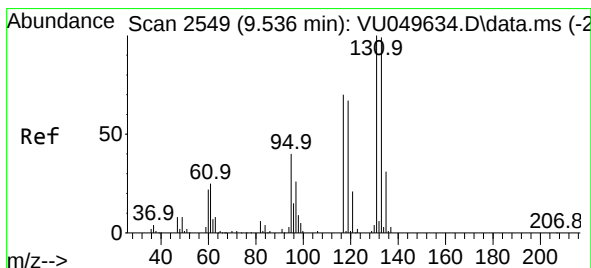
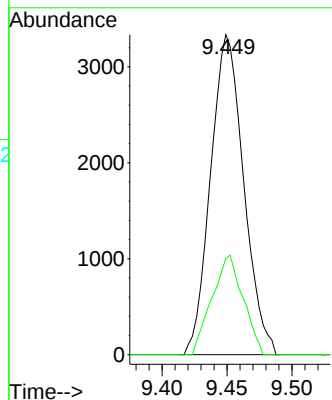
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT2-2022



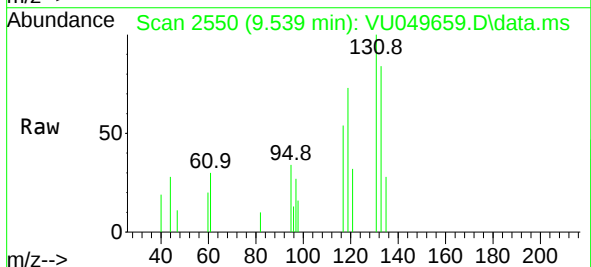
Tgt Ion:112 Resp: 590
Ion Ratio Lower Upper
112 100
114 30.0 24.9 37.3

Manual Integrations
APPROVED

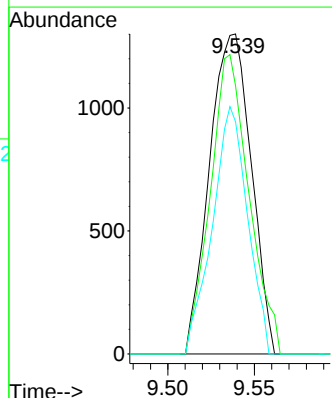
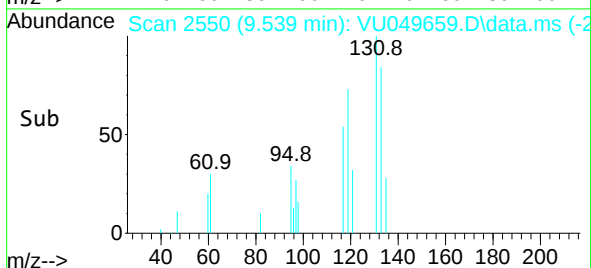
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

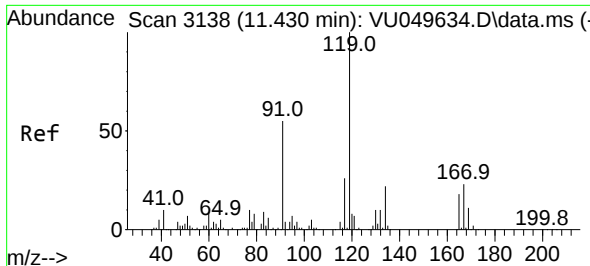


#60
1,1,1,2-Tetrachloroethane
Concen: 0.256 ug/l
RT: 9.539 min Scan# 2550
Delta R.T. 0.003 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37



Tgt Ion:131 Resp: 2180
Ion Ratio Lower Upper
131 100
133 86.7 78.3 117.5
119 65.2 53.2 79.8





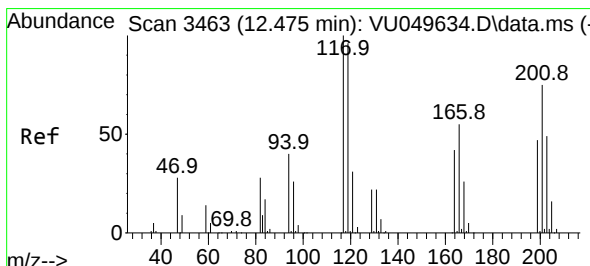
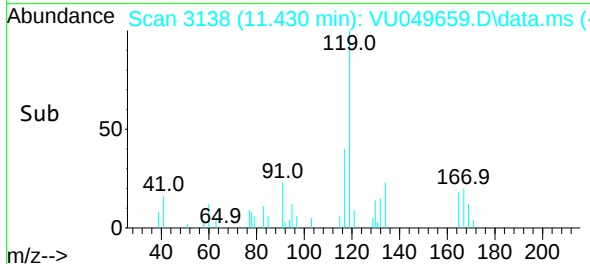
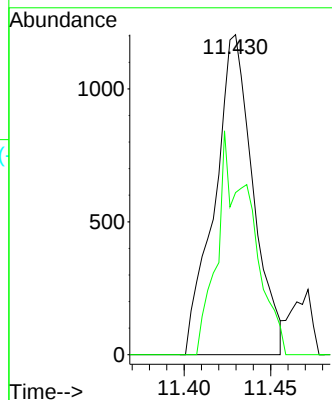
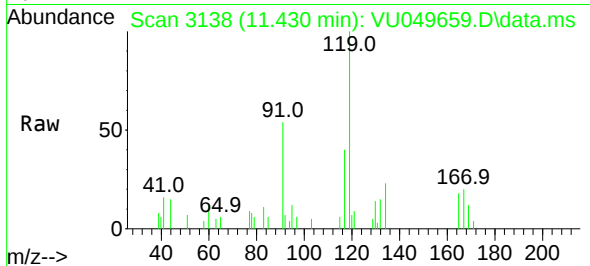
#61
Pentachloroethane
Concen: 0.286 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. 0.000 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

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

Tgt Ion:117 Resp: 1868
Ion Ratio Lower Upper
117 100
167 31.5 66.2 99.4

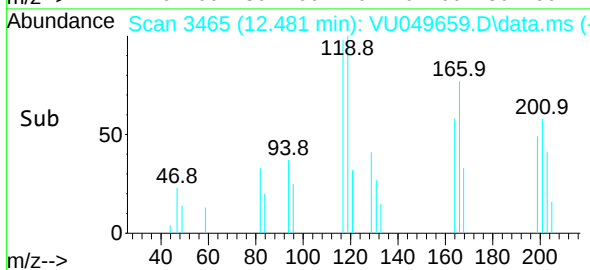
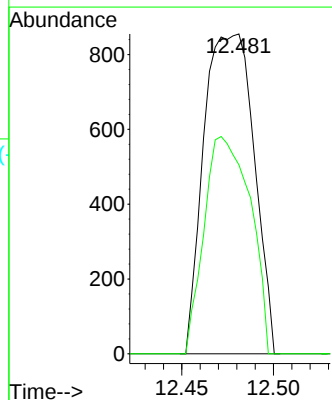
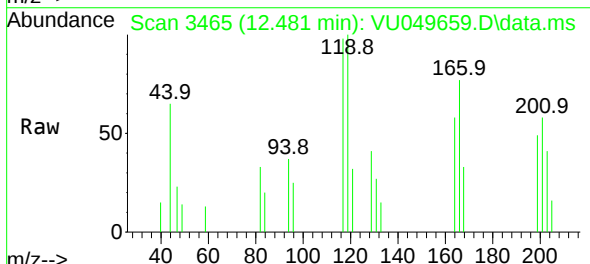
Manual Integrations
APPROVED

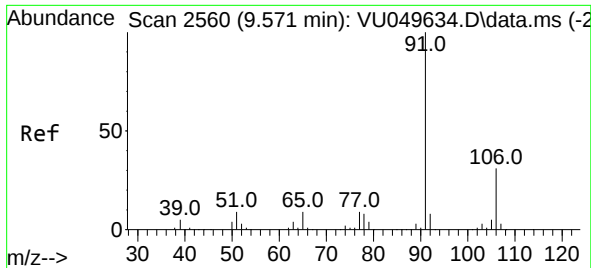
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#62
Hexachloroethane
Concen: 0.249 ug/l
RT: 12.481 min Scan# 3465
Delta R.T. 0.007 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

Tgt Ion:117 Resp: 1626
Ion Ratio Lower Upper
117 100
201 62.4 61.0 91.4





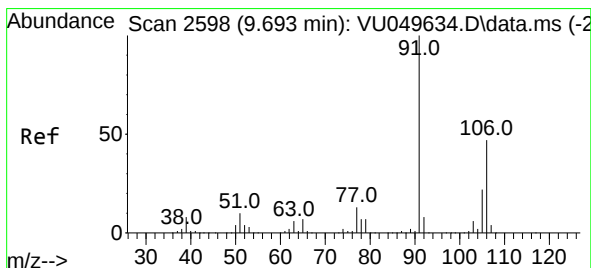
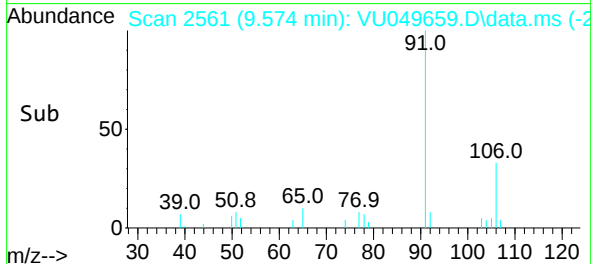
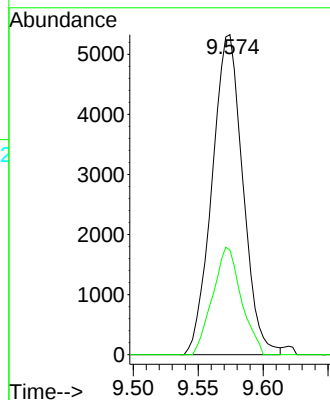
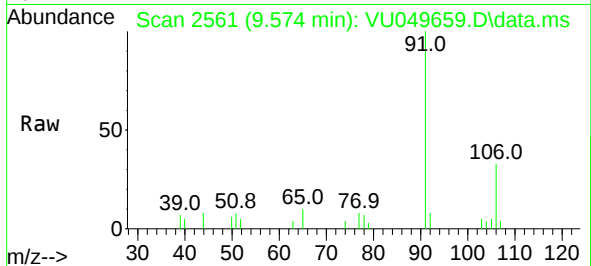
#63
Ethyl Benzene
Concen: 0.204 ug/l
RT: 9.574 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

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

Tgt Ion: 91 Resp: 878
Ion Ratio Lower Upper
91 100
106 32.6 24.4 36.6

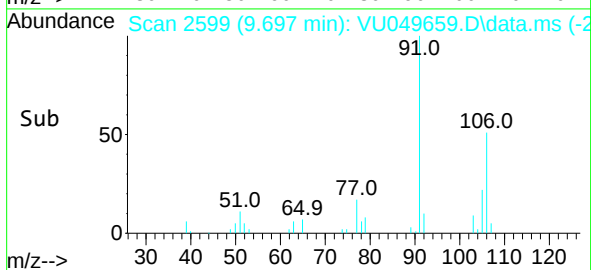
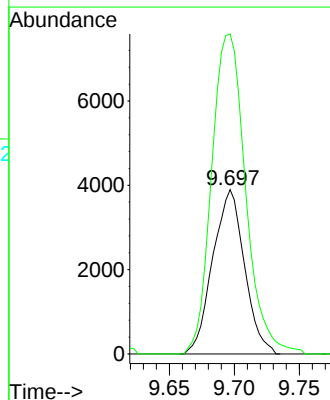
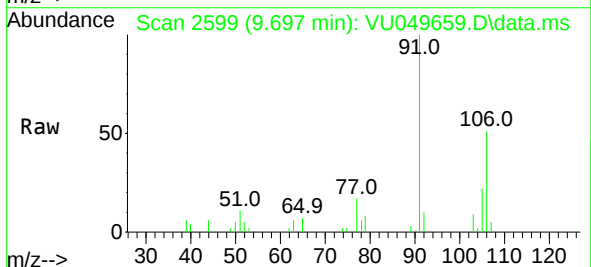
Manual Integrations
APPROVED

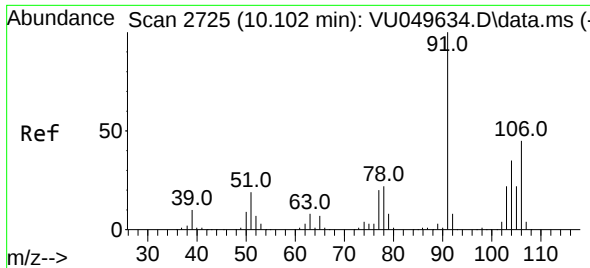
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#64
m/p-Xylenes
Concen: 0.416 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

Tgt Ion:106 Resp: 6618
Ion Ratio Lower Upper
106 100
91 208.3 167.8 251.6





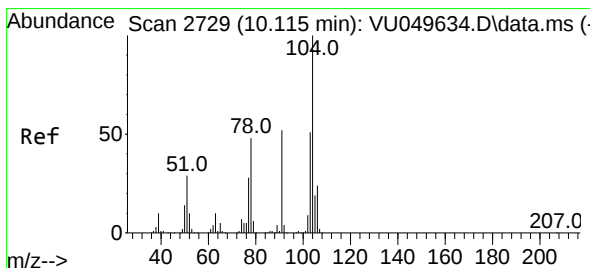
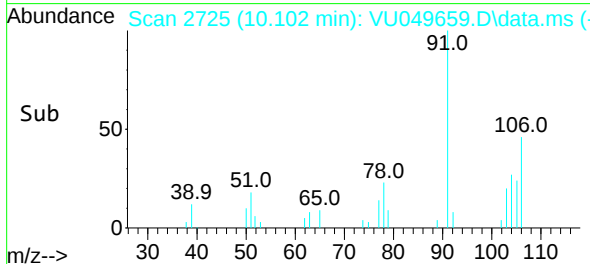
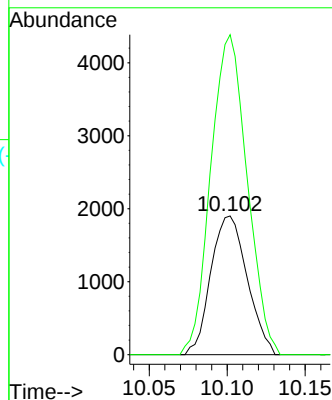
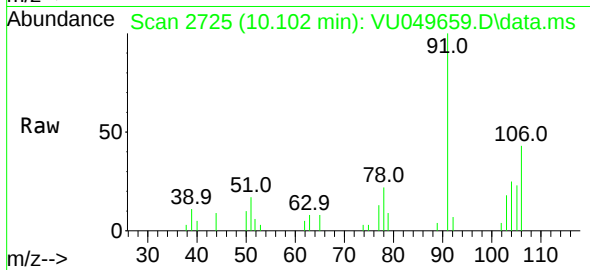
#65
o-Xylene
Concen: 0.197 ug/l
RT: 10.102 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

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

Tgt Ion:106 Resp: 308
Ion Ratio Lower Upper
106 100
91 230.6 111.1 333.2

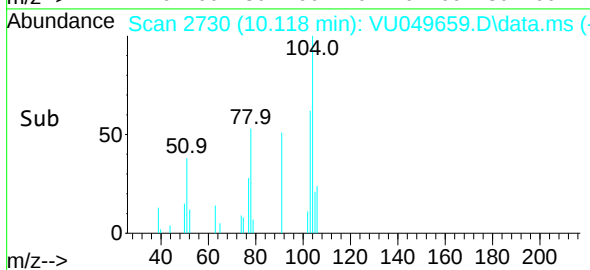
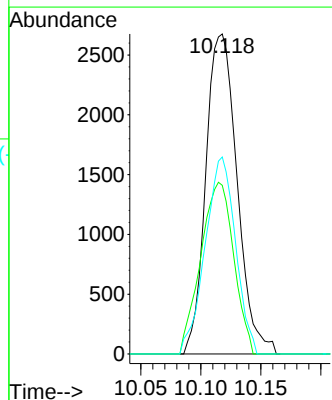
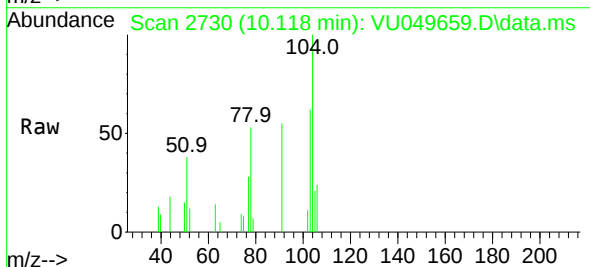
Manual Integrations
APPROVED

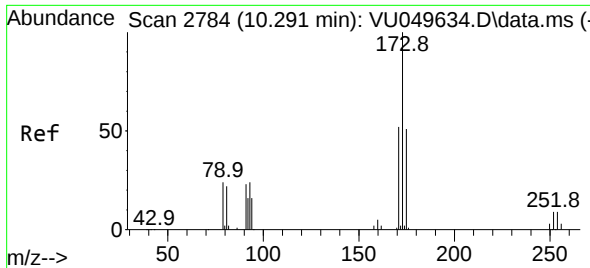
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#66
Styrene
Concen: 0.193 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

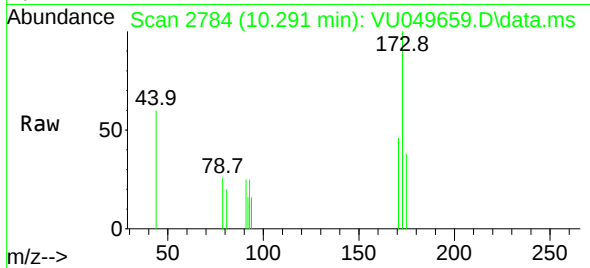
Tgt Ion:104 Resp: 4854
Ion Ratio Lower Upper
104 100
78 56.5 42.1 63.1
103 59.6 44.5 66.7





#67
Bromoform
Concen: 0.234 ug/l
RT: 10.291 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

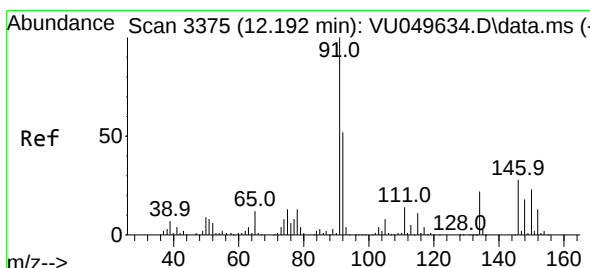
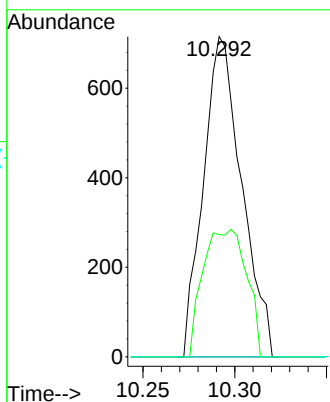
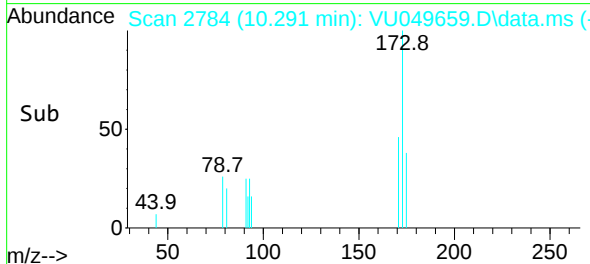
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022



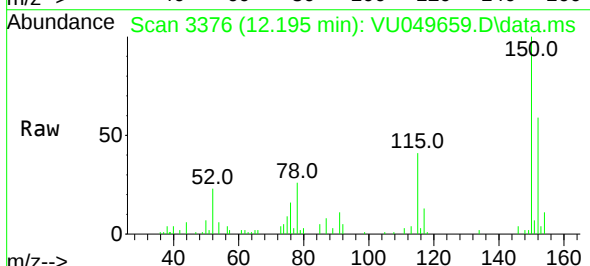
Tgt Ion:173 Resp: 103
Ion Ratio Lower Upper
173 100
175 45.2 38.4 57.6
254 0.0 7.7 11.5

Manual Integrations
APPROVED

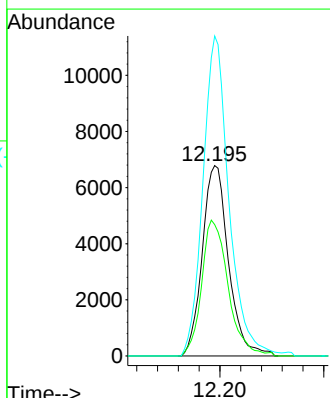
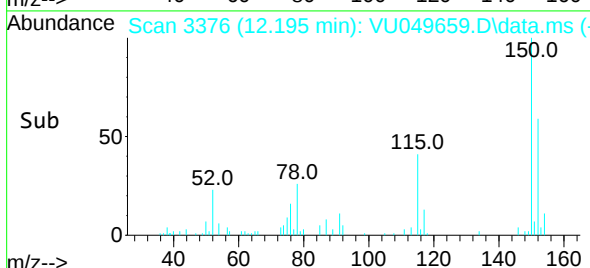
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

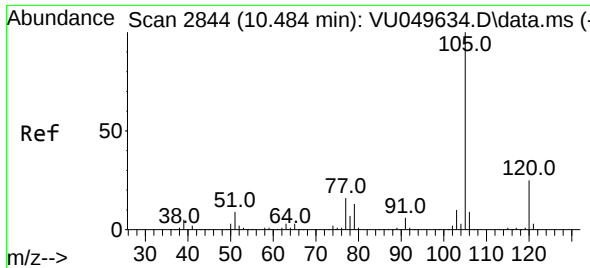


#68
1,2-Dichlorobenzene-d4
Concen: 1.025 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. 0.003 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37



Tgt Ion:152 Resp: 11888
Ion Ratio Lower Upper
152 100
115 72.1 0.0 254.6
150 166.4 0.0 623.6





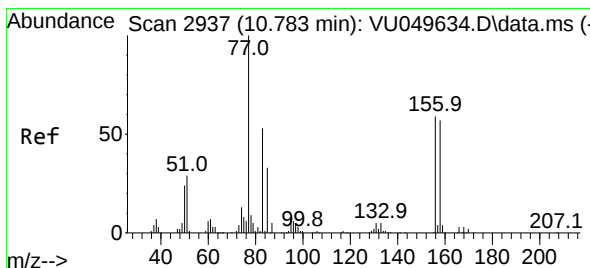
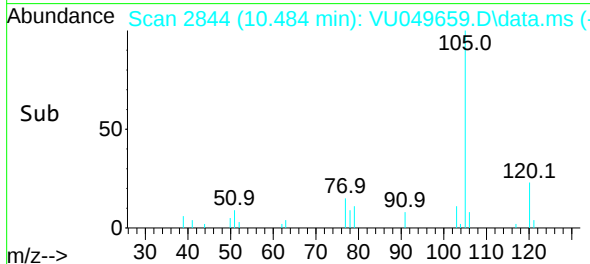
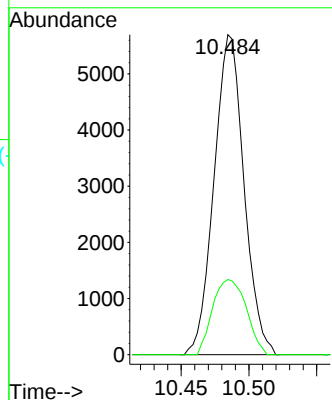
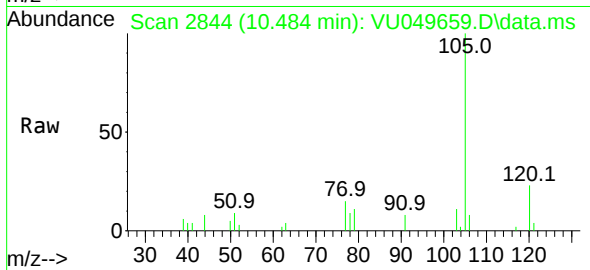
#69
Isopropylbenzene
Concen: 0.210 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

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

Tgt Ion:105 Resp: 8752
Ion Ratio Lower Upper
105 100
120 26.3 12.6 37.8

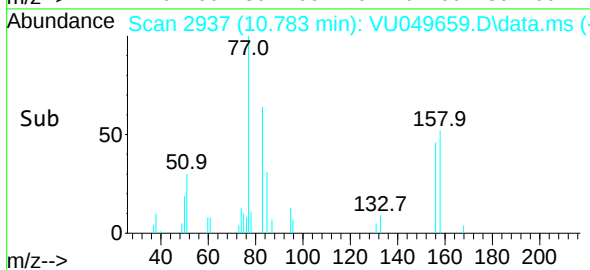
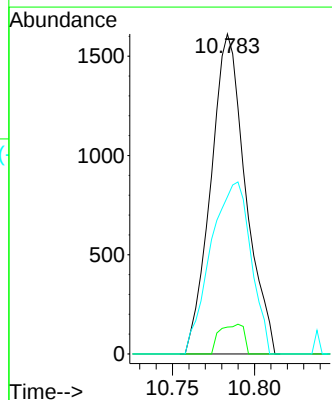
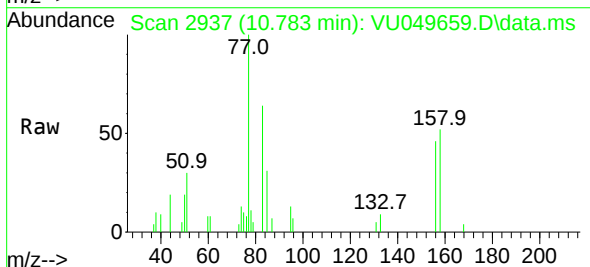
Manual Integrations
APPROVED

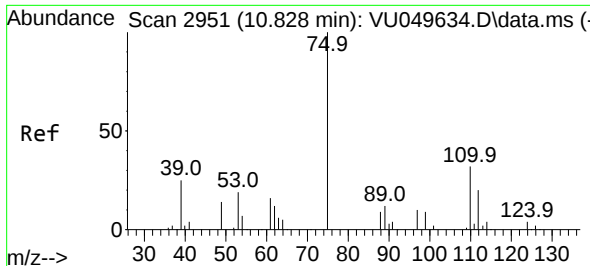
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#70
1,1,2,2-Tetrachloroethane
Concen: 0.268 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

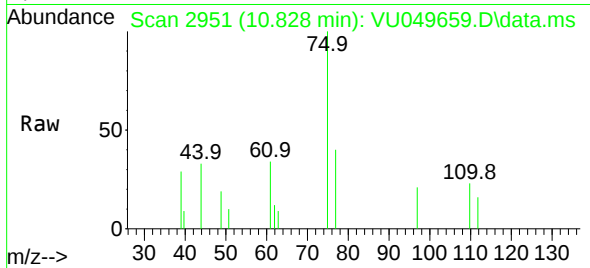
Tgt Ion: 83 Resp: 2369
Ion Ratio Lower Upper
83 100
131 6.5 7.7 11.5#
85 62.3 51.2 76.8





#71
1,2,3-Trichloropropane
Concen: 0.281 ug/l m
RT: 10.828 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

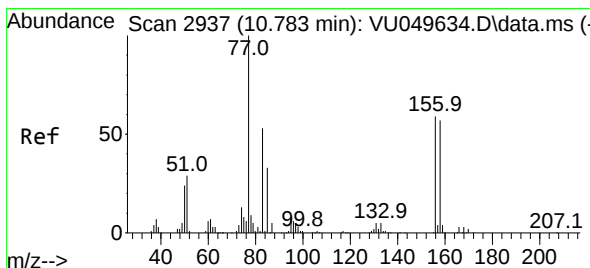
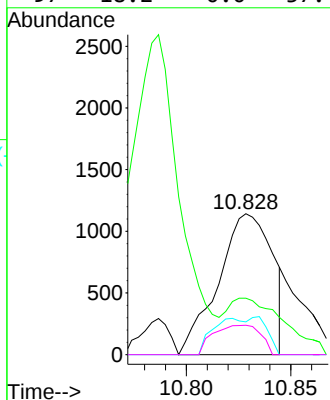
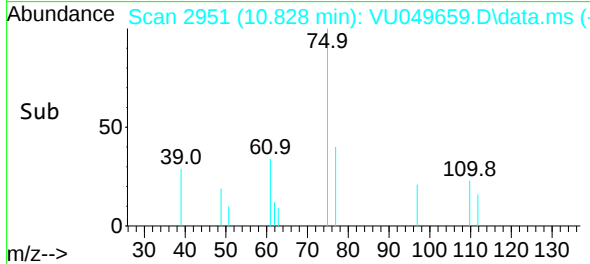
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-03-QT2-2022



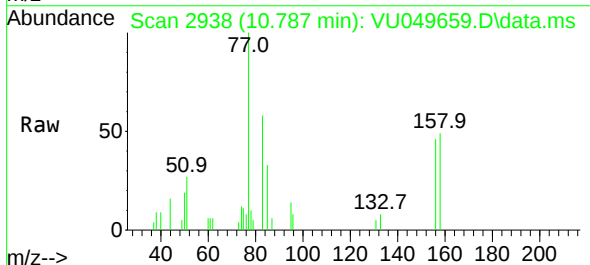
Tgt Ion:	75	Resp:	205
Ion Ratio	Lower	Upper	
75	100		
77	42.6	0.0	112.4
110	16.3	0.0	70.6
97	18.2	0.0	37.4

Manual Integrations
APPROVED

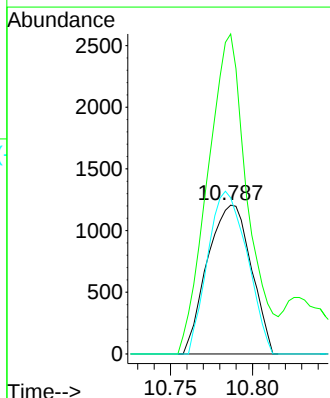
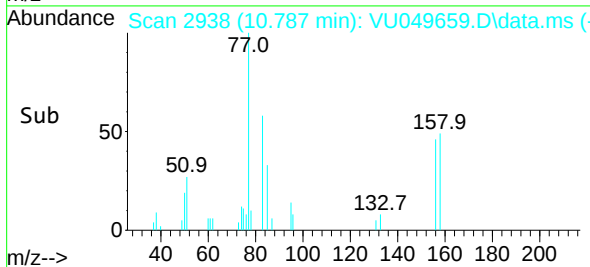
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

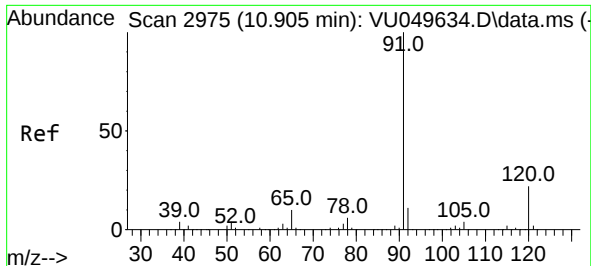


#72
Bromobenzene
Concen: 0.237 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37



Tgt Ion:	156	Resp:	2235
Ion Ratio	Lower	Upper	
156	100		
77	196.1	0.0	344.4
158	98.6	0.0	192.2





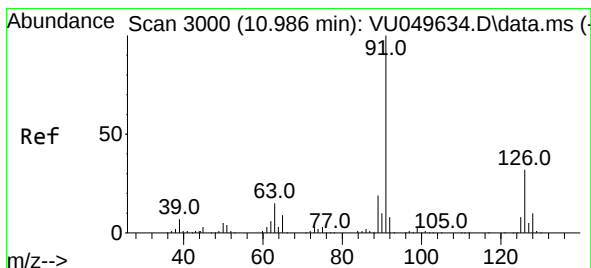
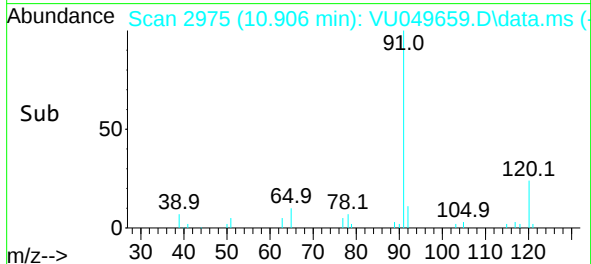
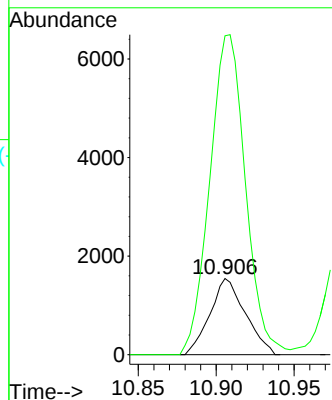
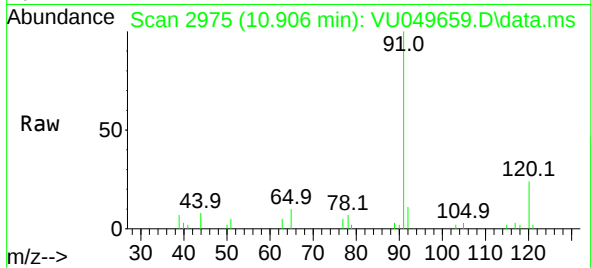
#73
n-propylbenzene
Concen: 0.232 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

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

Tgt Ion:120 Resp: 244
Ion Ratio Lower Upper
120 100
91 423.5 367.8 551.6

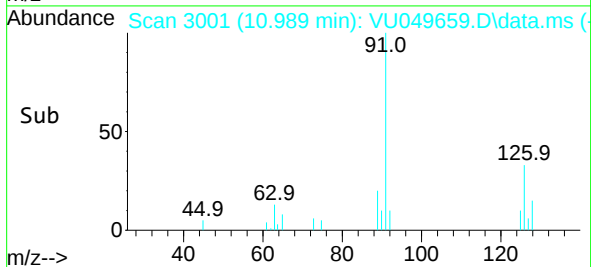
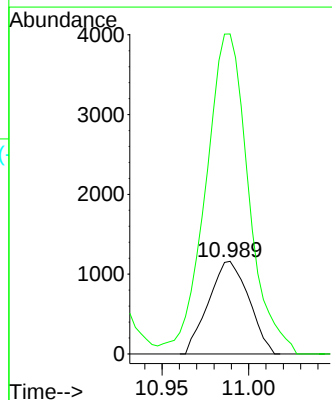
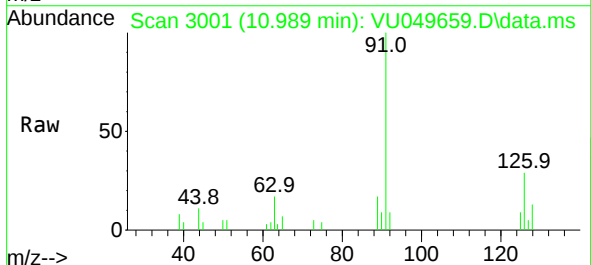
Manual Integrations
APPROVED

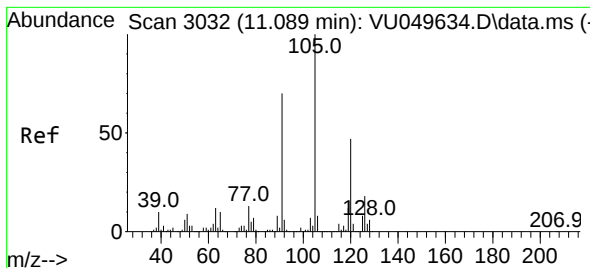
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#74
2-Chlorotoluene
Concen: 0.199 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.003 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

Tgt Ion:126 Resp: 1875
Ion Ratio Lower Upper
126 100
91 368.4 0.0 620.6





#75

1,3,5-Trimethylbenzene

Concen: 0.179 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU049659.D

Acq: 08 Jul 2022 16:37

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion:105 Resp: 6259

Ion Ratio Lower Upper

105 100

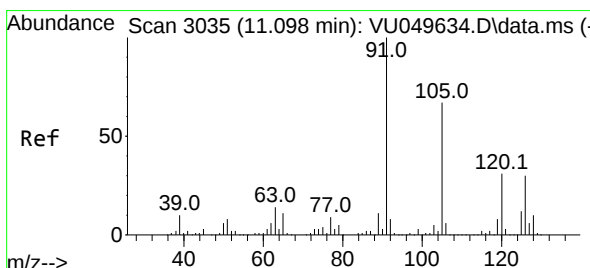
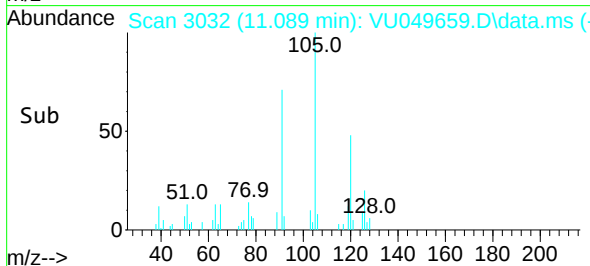
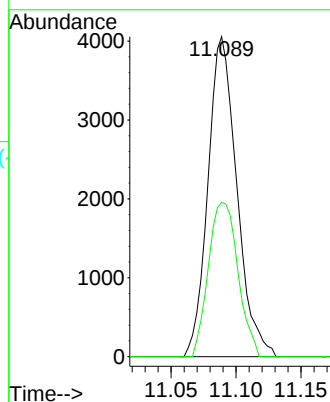
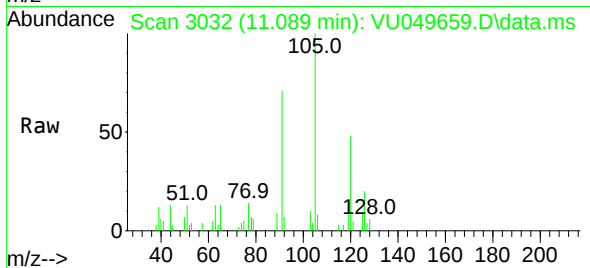
120 49.3 37.6 56.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#76

4-Chlorotoluene

Concen: 0.238 ug/l

RT: 11.102 min Scan# 3036

Delta R.T. 0.003 min

Lab File: VU049659.D

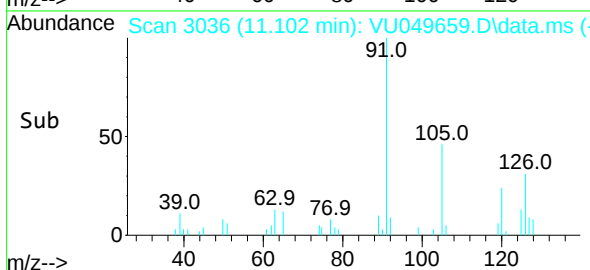
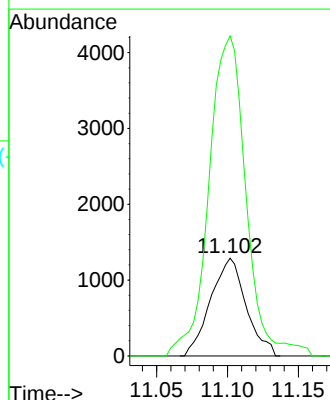
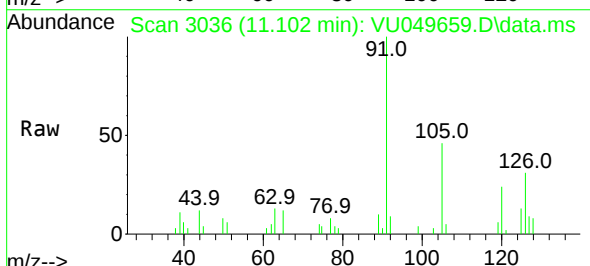
Acq: 08 Jul 2022 16:37

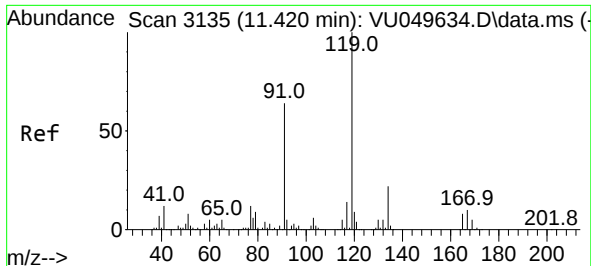
Tgt Ion:126 Resp: 2247

Ion Ratio Lower Upper

126 100

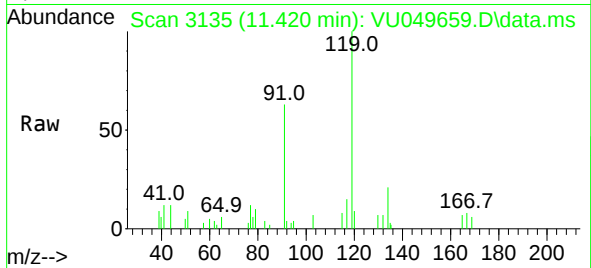
91 341.5 0.0 738.8





#77
tert-Butylbenzene
Concen: 0.210 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

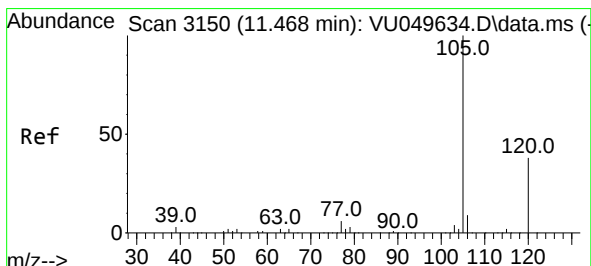
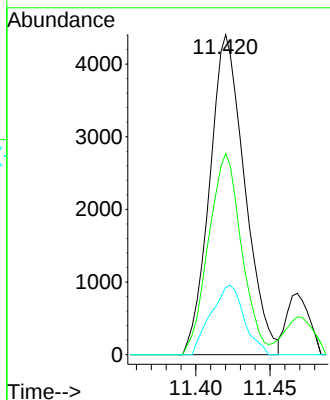
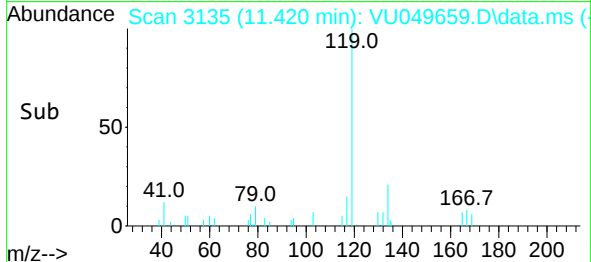
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022



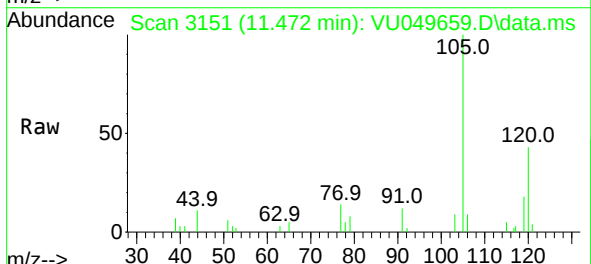
Tgt Ion:119 Resp: 723
Ion Ratio Lower Upper
119 100
91 59.3 30.4 91.3
134 20.6 17.8 26.6

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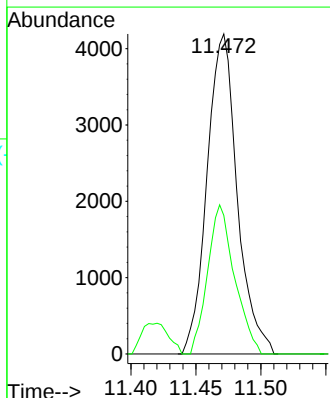
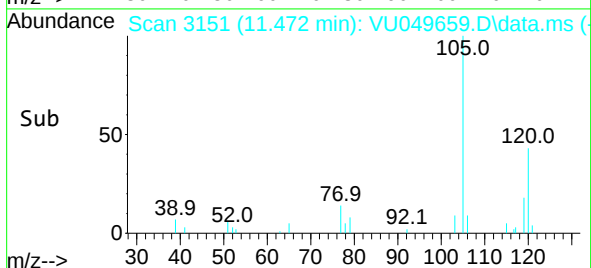
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

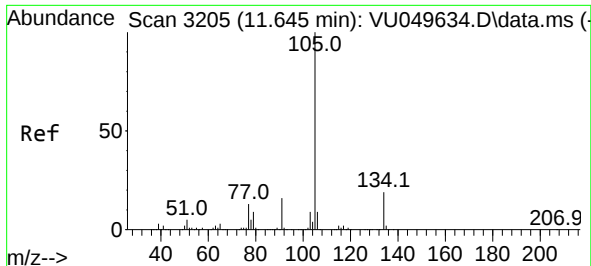


#78
1,2,4-Trimethylbenzene
Concen: 0.193 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37



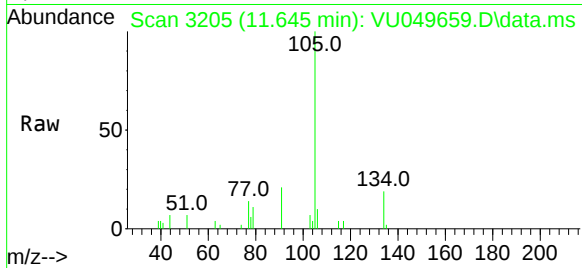
Tgt Ion:105 Resp: 6766
Ion Ratio Lower Upper
105 100
120 41.6 21.6 65.0





#79
 sec-Butylbenzene
 Concen: 0.203 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU049659.D
 Acq: 08 Jul 2022 16:37

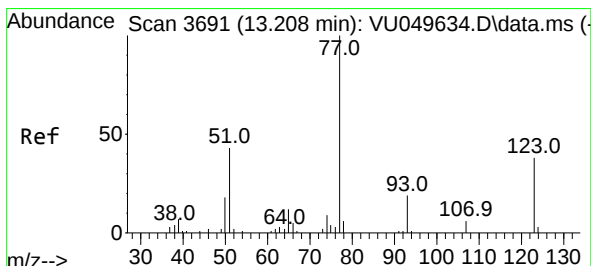
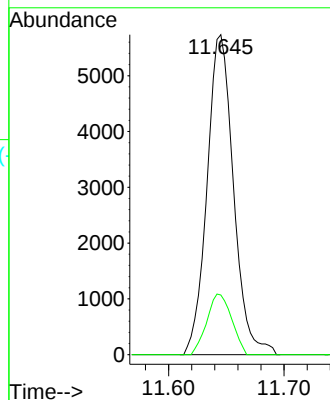
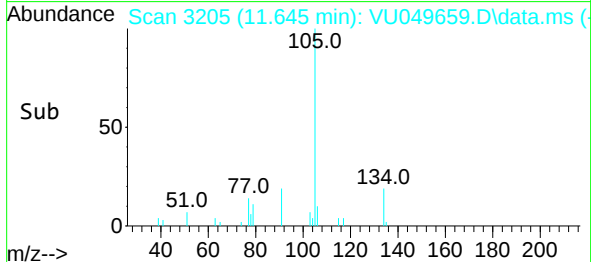
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT2-2022



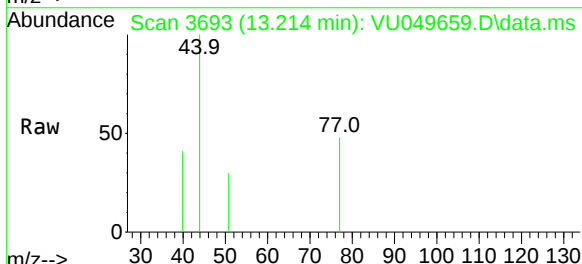
Tgt Ion: 105 Resp: 914
 Ion Ratio Lower Upper
 105 100
 134 17.7 15.4 23.0

Manual Integrations
 APPROVED

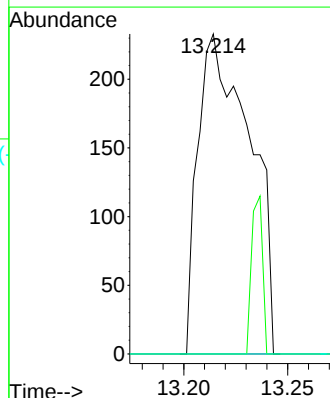
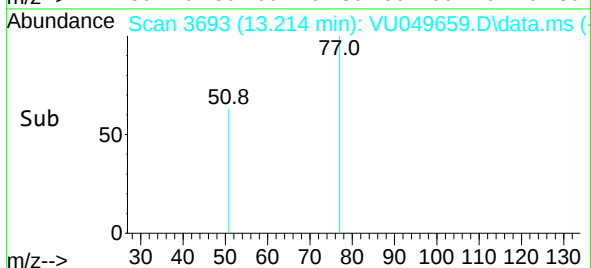
Reviewed By :Krupa Patel 07/11/2022
 Supervised By :Mahesh Dadoda 07/11/2022

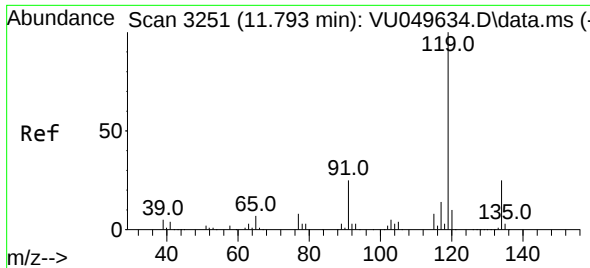


#80
 Nitrobenzene
 Concen: 1.119 ug/l
 RT: 13.214 min Scan# 3693
 Delta R.T. 0.007 min
 Lab File: VU049659.D
 Acq: 08 Jul 2022 16:37



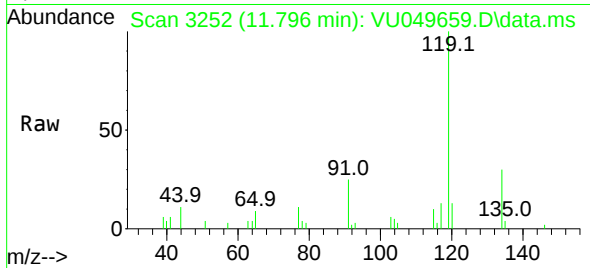
Tgt Ion: 77 Resp: 405
 Ion Ratio Lower Upper
 77 100
 123 10.4 18.1 64.3#
 65 0.0 10.8 13.8#





#81
p-Isopropyltoluene
Concen: 0.200 ug/l
RT: 11.796 min Scan# 3251
Delta R.T. 0.003 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

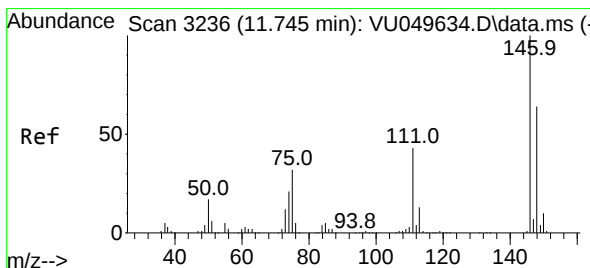
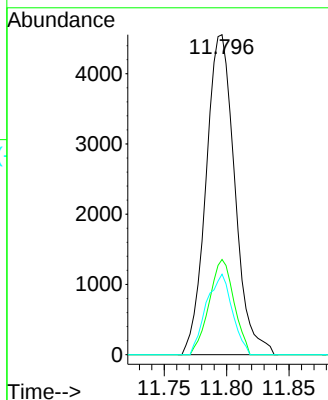
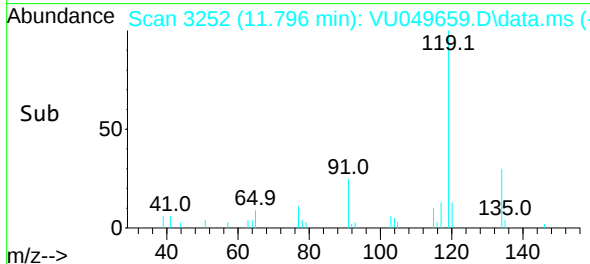
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022



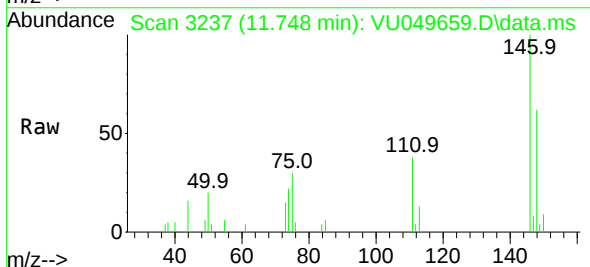
Tgt Ion:119 Resp: 7318
Ion Ratio Lower Upper
119 100
134 25.6 20.5 30.7
91 22.6 19.8 29.6

Manual Integrations
APPROVED

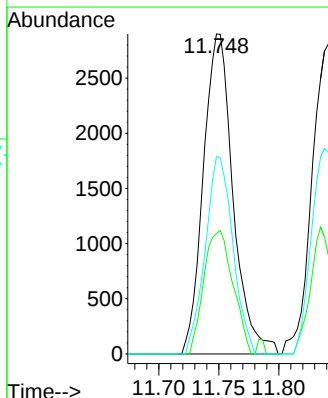
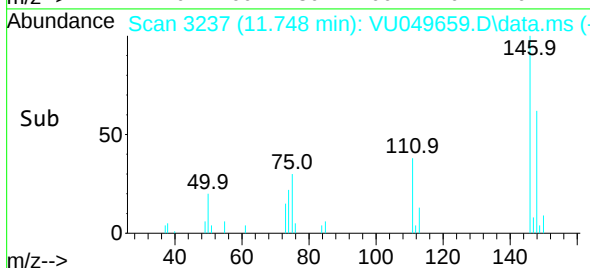
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

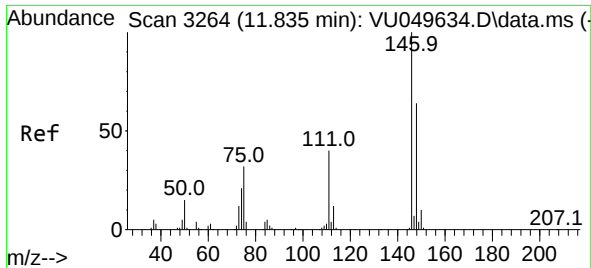


#82
1,3-Dichlorobenzene
Concen: 0.275 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.003 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37



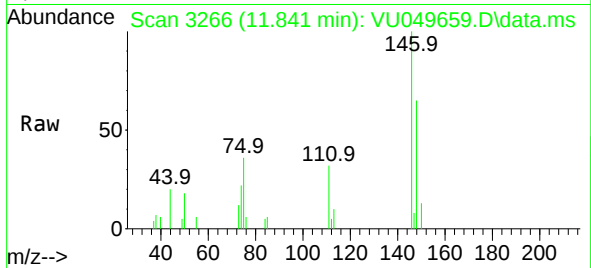
Tgt Ion:146 Resp: 5000
Ion Ratio Lower Upper
146 100
111 37.7 33.4 50.2
148 57.2 51.2 76.8





#83
1,4-Dichlorobenzene
Concen: 0.253 ug/l
RT: 11.841 min Scan# 31
Delta R.T. 0.007 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

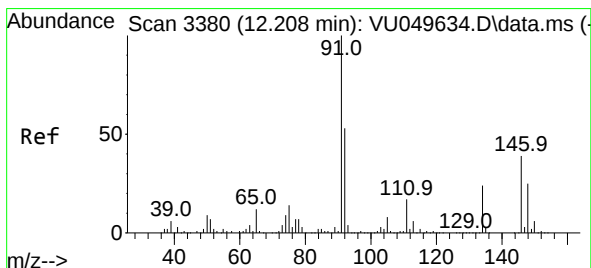
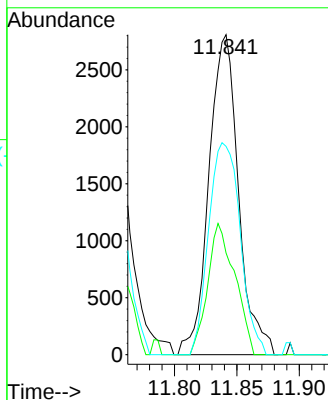
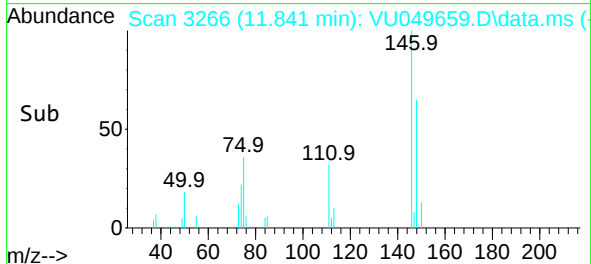
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022



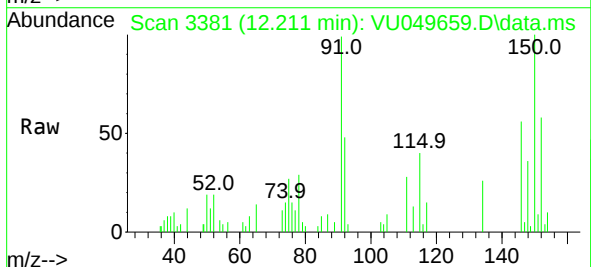
Tgt Ion:146 Resp: 464
Ion Ratio Lower Upper
146 100
111 37.8 32.6 49.0
148 70.8 51.6 77.4

Manual Integrations
APPROVED

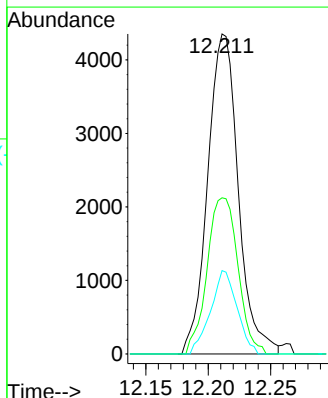
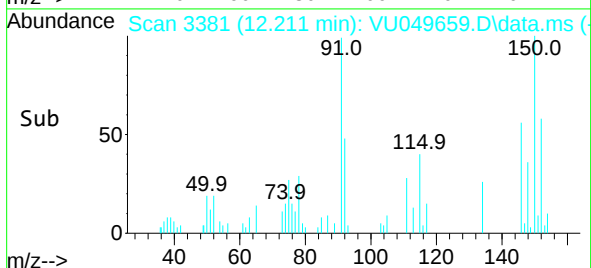
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

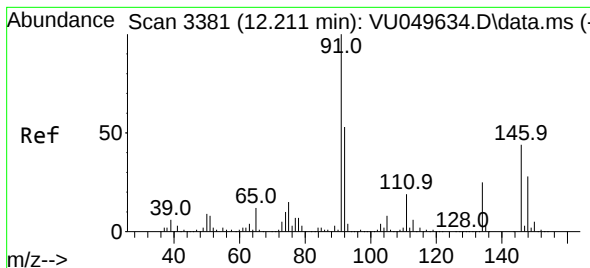


#84
n-Butylbenzene
Concen: 0.218 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37



Tgt Ion: 91 Resp: 7443
Ion Ratio Lower Upper
91 100
92 49.2 42.3 63.5
134 22.5 19.6 29.4





#85

1,2-Dichlorobenzene

Concen: 0.257 ug/l

RT: 12.214 min Scan# 3381

Delta R.T. 0.003 min

Lab File: VU049659.D

Acq: 08 Jul 2022 16:37

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-03-QT2-2022

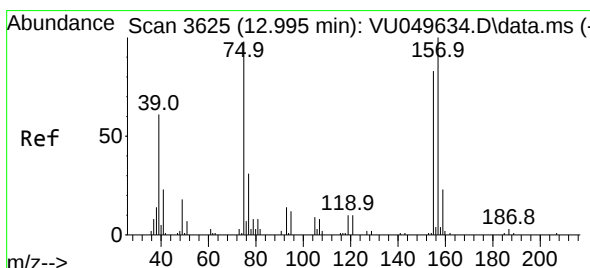
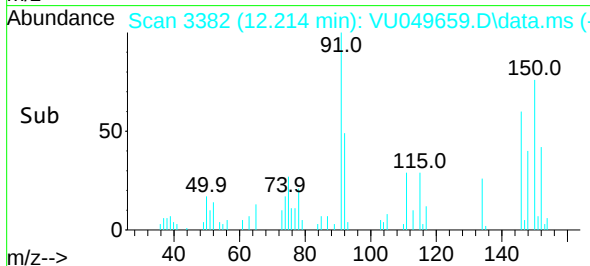
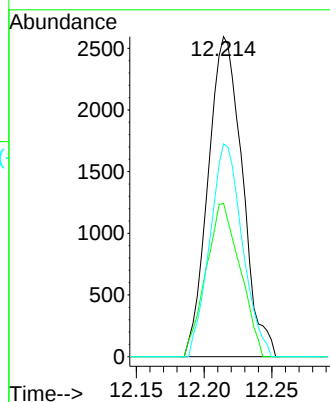
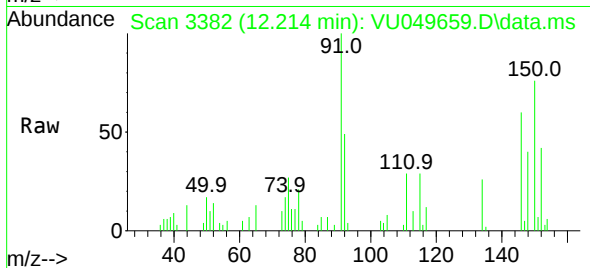
Tgt Ion:	146	Resp:	4539
Ion	Ratio	Lower	Upper
146	100		
111	47.8	22.1	66.1
148	63.3	32.1	96.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.244 ug/l

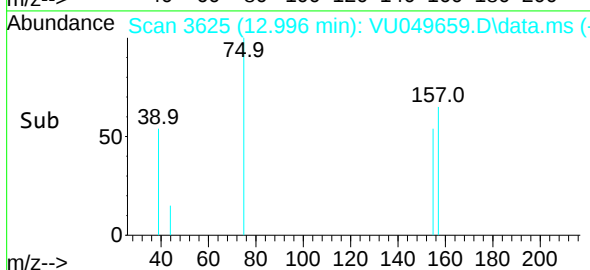
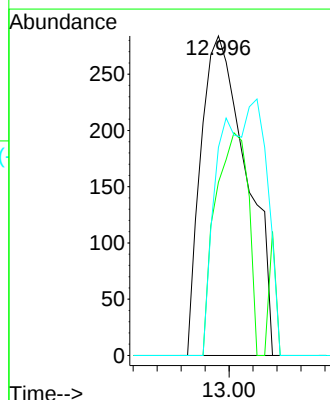
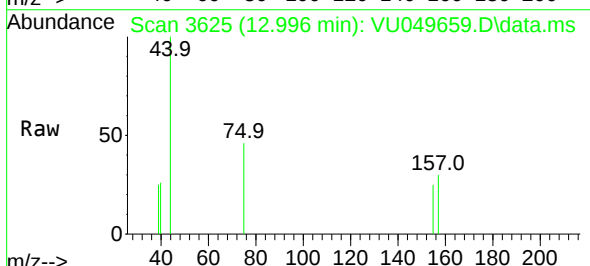
RT: 12.996 min Scan# 3625

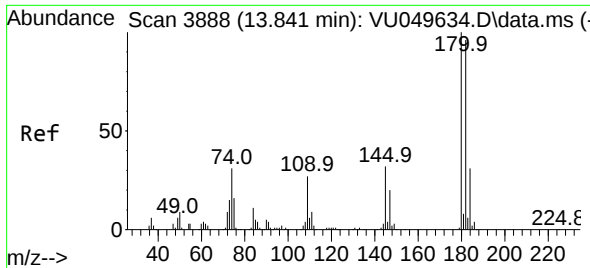
Delta R.T. 0.000 min

Lab File: VU049659.D

Acq: 08 Jul 2022 16:37

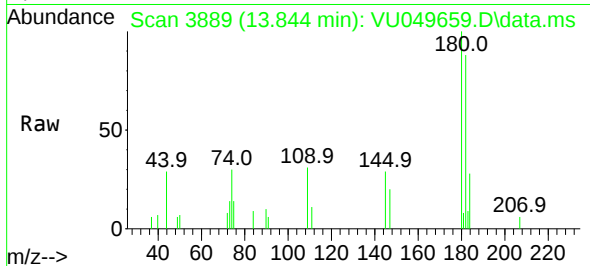
Tgt Ion:	75	Resp:	376
Ion	Ratio	Lower	Upper
75	100		
155	50.0	66.8	100.2#
157	0.0	83.8	125.8#





#87
1,2,4-Trichlorobenzene
Concen: 0.296 ug/l
RT: 13.844 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

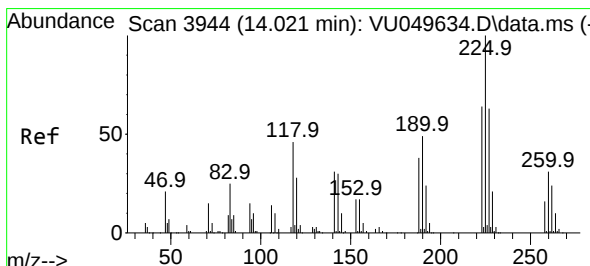
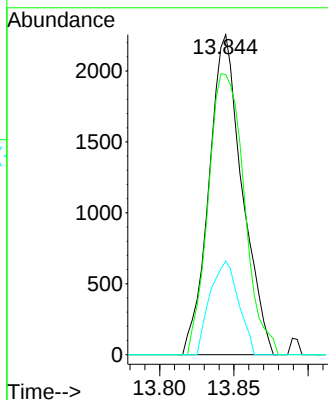
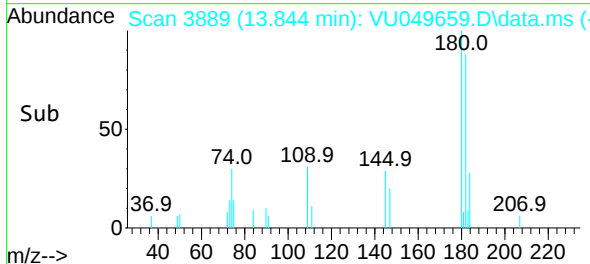
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022



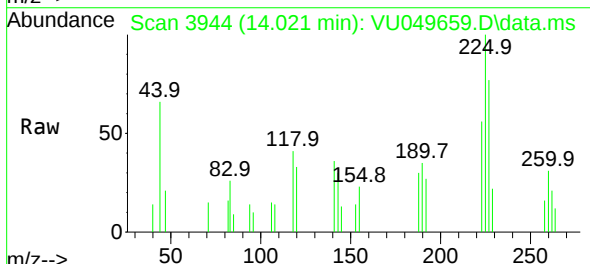
Tgt Ion:180 Resp: 352
Ion Ratio Lower Upper
180 100
182 94.5 77.0 115.6
145 24.9 25.7 38.5

Manual Integrations
APPROVED

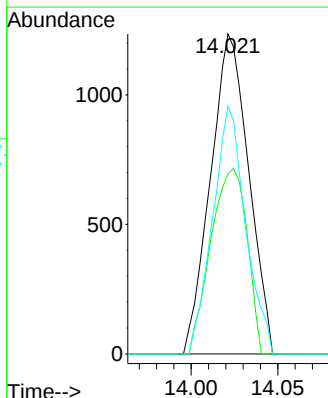
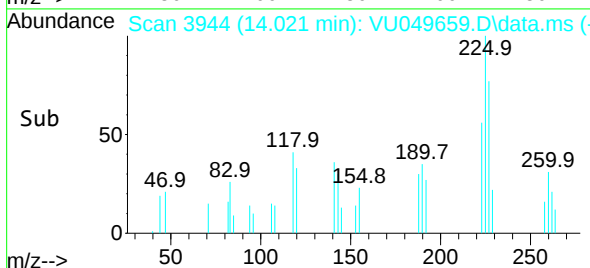
Reviewed By :Krupa Patel 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

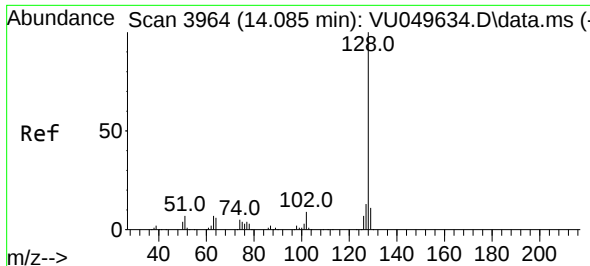


#88
Hexachlorobutadiene
Concen: 0.312 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37



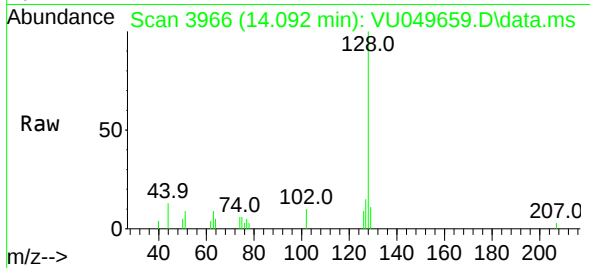
Tgt Ion:225 Resp: 1890
Ion Ratio Lower Upper
225 100
223 55.1 50.6 76.0
227 66.8 50.7 76.1





#89
Naphthalene
Concen: 0.323 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.007 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37

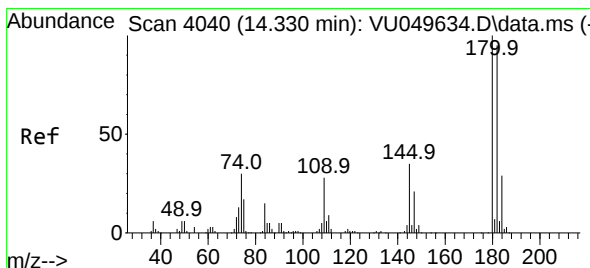
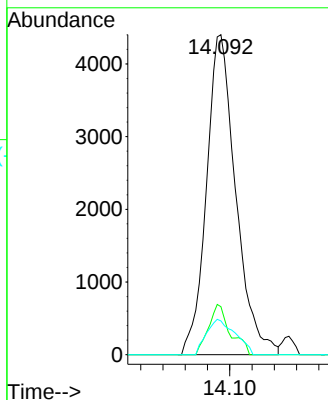
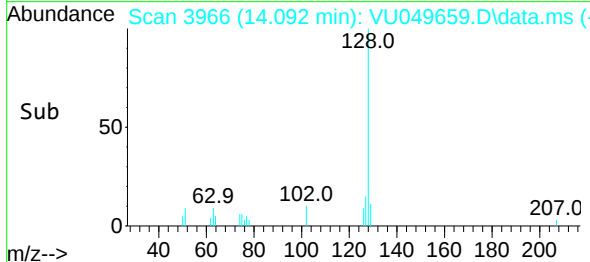
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT2-2022



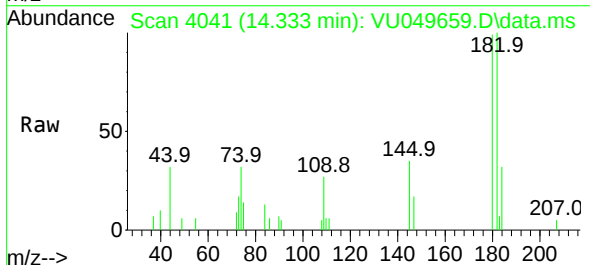
Tgt Ion:128 Resp: 805
Ion Ratio Lower Upper
128 100
127 11.6 10.1 15.1
129 10.8 8.6 12.8

Manual Integrations
APPROVED

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



#90
1,2,3-Trichlorobenzene
Concen: 0.310 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU049659.D
Acq: 08 Jul 2022 16:37



Tgt Ion:180 Resp: 3524
Ion Ratio Lower Upper
180 100
182 93.3 76.6 114.8
145 30.4 27.3 40.9

