

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070722\
 Data File : VU049651.D
 Acq On : 07 Jul 2022 14:03
 Operator : SY/MD
 Sample : N3214-08 0.5PPB
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2022

Quant Time: Jul 08 07:23:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U070622DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 08 07:22:07 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/08/2022
 Supervised By :Semsettin Yesilyurt 07/08/2022

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

Internal Standards						
1) Fluorobenzene	6.112	96	39925	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	14254	0.975	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	14734	1.094	ug/l	0.00
Spiked Amount 1.000			Recovery	=	109.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	6087	0.398	ug/l	93
3) Chloromethane	1.530	50	7249	0.464	ug/l	100
4) Vinyl Chloride	1.604	62	6229	0.437	ug/l	99
5) Bromomethane	1.858	94	3593	0.483	ug/l	88
6) Chloroethane	1.935	64	3596	0.450	ug/l	97
7) Trichlorofluoromethane	2.141	101	7637	0.447	ug/l	95
8) 1,1,2-Trichloro-1,2,2-...	2.585	101	3909	0.435	ug/l	97
9) 1,1-Dichloroethene	2.581	96	3807	0.421	ug/l	95
10) Iodomethane	2.723	142	2754	0.240	ug/l	92
11) Allyl Chloride	2.925	41	6997	0.453	ug/l	89
12) Acrylonitrile	3.330	53	2164	0.894	ug/l	96
13) Acetone	2.655	43	5030	2.634	ug/l	91
14) Carbon Disulfide	2.794	76	12505	0.420	ug/l	# 91
15) Methylene Chloride	3.048	84	12680	1.119	ug/l	97
16) trans-1,2-Dichloroethene	3.350	96	3959	0.416	ug/l	98
17) 1,1-Dichloroethane	3.867	63	8236	0.419	ug/l	99
18) 2-Butanone	4.739	43	7093	2.179	ug/l	95
19) Cyclohexane	5.379	56	7206m	0.384	ug/l	
20) Methylcyclohexane	6.758	83	6810	0.368	ug/l	98
21) 2,2-Dichloropropane	4.658	77	7443	0.463	ug/l	93
22) cis-1,2-Dichloroethene	4.665	96	4571	0.390	ug/l	96
23) Diethyl Ether	2.379	59	3243	0.421	ug/l	93
24) tert-Butyl Alcohol	3.244	59	4475m	5.086	ug/l	
25) Methyl tert-Butyl Ether	3.375	73	10375	0.410	ug/l	# 87
26) Bromochloromethane	4.970	128	2191	0.444	ug/l	93
27) Chloroform	5.092	83	8406	0.435	ug/l	95
28) 1,1,1-Trichloroethane	5.311	97	6861	0.402	ug/l	96
29) 1,1-Dichloropropene	5.520	75	6087	0.400	ug/l	96
30) Carbon Tetrachloride	5.517	117	6348	0.442	ug/l	98
31) Isopropyl Ether	4.009	45	12916	0.383	ug/l	98
32) Ethyl-t-butyl ether	4.517	59	12876	0.404	ug/l	95
33) Tert-Amyl methyl ether	5.954	73	10840	0.391	ug/l	97
34) Propionitrile	4.803	54	2402	2.573	ug/l	# 86
35) Benzene	5.771	78	18086	0.417	ug/l	99
36) 1,2-Dichloroethane	5.800	62	5595	0.453	ug/l	100
37) Trichloroethene	6.543	130	4364	0.398	ug/l	99
38) 1,2-Dichloropropane	6.797	63	4957	0.431	ug/l	93
39) Methacrylonitrile	4.999	41	2072	0.518	ug/l	# 86
40) Methyl acrylate	4.858	55	3088	0.493	ug/l	# 76
41) Tetrahydrofuran	5.086	42	2293	0.970	ug/l	# 84
42) 1-Chlorobutane	5.456	56	8395	0.393	ug/l	93
43) Dibromomethane	6.922	93	2456	0.429	ug/l	90
44) Bromodichloromethane	7.108	83	5622	0.410	ug/l	92

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 LOQ-WATER-02-QT2-2022

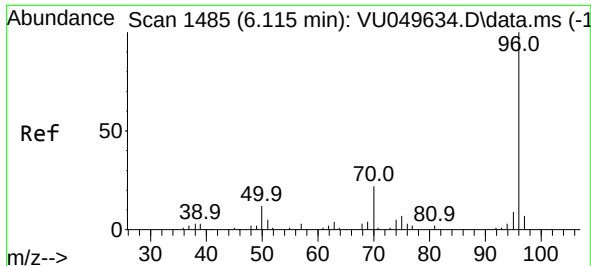
Quant Time: Jul 08 07:23:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U070622DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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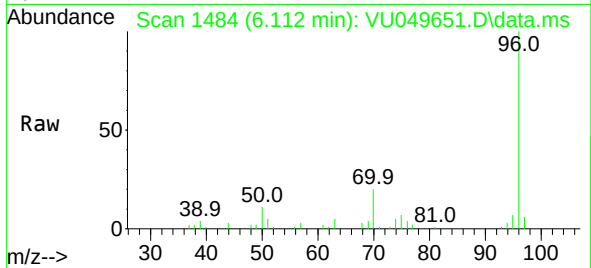
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.806	43	15769	2.029	ug/l	96
46) t-1,4-Dichloro-2-butene	10.832	75	2177m	0.861	ug/l	
47) Methyl methacrylate	6.977	69	4285	0.742	ug/l #	89
48) Ethyl methacrylate	8.343	69	4252	0.367	ug/l	100
49) Toluene	7.967	92	10331	0.390	ug/l	98
50) t-1,3-Dichloropropene	8.215	75	4904	0.370	ug/l	95
51) cis-1,3-Dichloropropene	7.613	75	5997	0.382	ug/l	95
52) 1,1,2-Trichloroethane	8.404	97	3648	0.462	ug/l	97
53) 1,3-Dichloropropane	8.581	76	5683	0.401	ug/l	99
54) 2-Hexanone	8.697	43	10793	1.999	ug/l	97
55) Dibromochloromethane	8.813	129	3752	0.416	ug/l	100
56) 1,2-Dibromoethane	8.928	107	3259	0.426	ug/l	97
58) Tetrachloroethene	8.552	164	3513	0.385	ug/l #	88
59) Chlorobenzene	9.449	112	11047	0.398	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.536	131	3694	0.374	ug/l	95
61) Pentachloroethane	11.433	117	3092	0.408	ug/l	91
62) Hexachloroethane	12.478	117	2904	0.383	ug/l	95
63) Ethyl Benzene	9.568	91	18486	0.370	ug/l	99
64) m/p-Xylenes	9.694	106	13323	0.722	ug/l	99
65) o-Xylene	10.102	106	6488	0.357	ug/l	95
66) Styrene	10.115	104	10432	0.358	ug/l	98
67) Bromoform	10.292	173	1857	0.360	ug/l #	81
69) Isopropylbenzene	10.485	105	17744	0.366	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.784	83	4244	0.413	ug/l	95
71) 1,2,3-Trichloropropane	10.829	75	3308m	0.389	ug/l	
72) Bromobenzene	10.784	156	4277	0.392	ug/l	96
73) n-propylbenzene	10.906	120	4470	0.365	ug/l	93
74) 2-Chlorotoluene	10.986	126	4045	0.371	ug/l	81
75) 1,3,5-Trimethylbenzene	11.089	105	13449	0.332	ug/l	99
76) 4-Chlorotoluene	11.102	126	4105	0.375	ug/l	93
77) tert-Butylbenzene	11.420	119	14844	0.372	ug/l	97
78) 1,2,4-Trimethylbenzene	11.468	105	14317	0.352	ug/l	95
79) sec-Butylbenzene	11.645	105	18455	0.353	ug/l	100
80) Nitrobenzene	13.221	77	932	2.219	ug/l #	85
81) p-Isopropyltoluene	11.793	119	15210	0.358	ug/l	97
82) 1,3-Dichlorobenzene	11.745	146	8964	0.424	ug/l	99
83) 1,4-Dichlorobenzene	11.835	146	9493	0.445	ug/l	97
84) n-Butylbenzene	12.208	91	14811	0.375	ug/l	96
85) 1,2-Dichlorobenzene	12.214	146	8442	0.412	ug/l	95
86) 1,2-Dibromo-3-Chloropr...	13.002	75	644	0.360	ug/l	97
87) 1,2,4-Trichlorobenzene	13.841	180	6327	0.458	ug/l	95
88) Hexachlorobutadiene	14.021	225	3285	0.467	ug/l	93
89) Naphthalene	14.092	128	13663	0.472	ug/l	97
90) 1,2,3-Trichlorobenzene	14.333	180	6034	0.458	ug/l	98

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU049651.D
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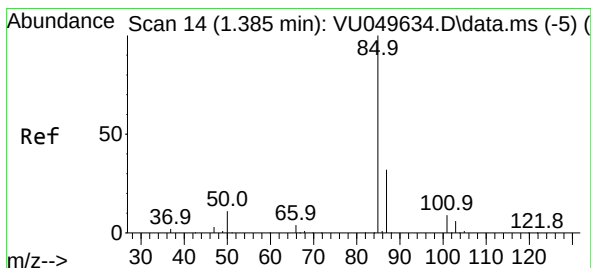
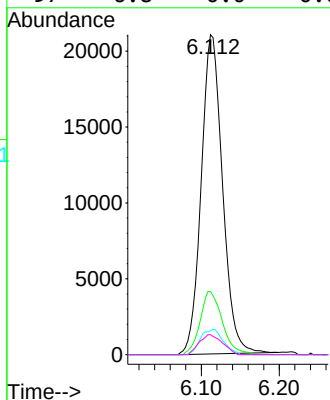
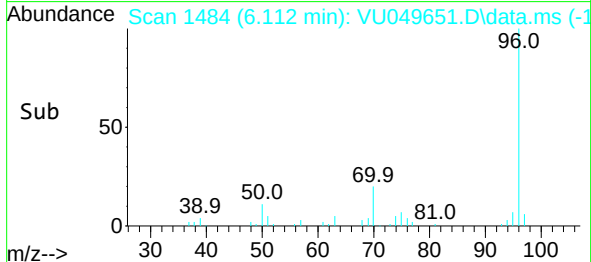
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 96 Resp: 3992
Ion Ratio Lower Upper
96 100
70 20.6 16.7 25.1
95 8.5 7.4 11.0
97 6.8 0.0 0.0#

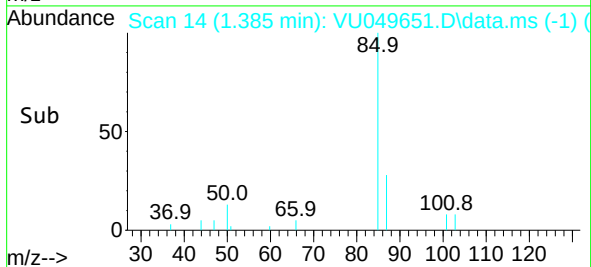
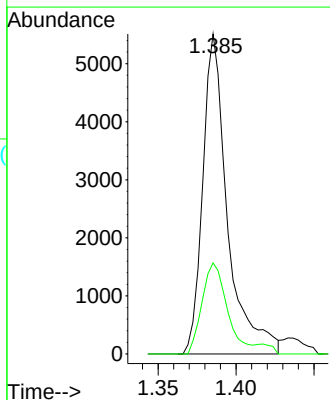
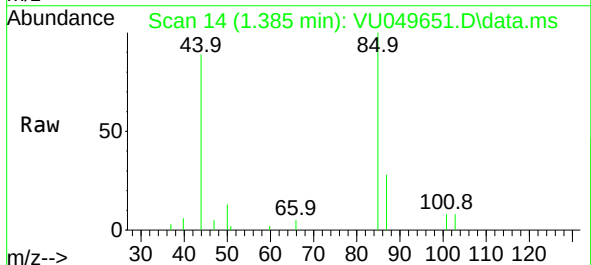
Manual Integrations
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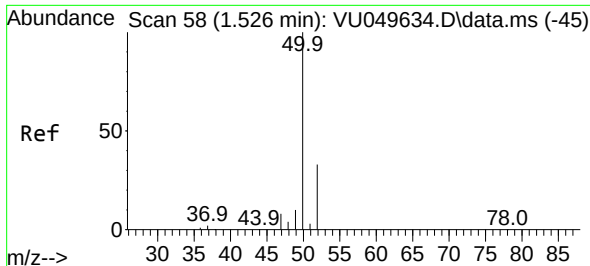
Reviewed By :Mahesh Dadoda 07/08/2022
Supervised By :Semsettin Yesilyurt 07/08/2022



#2
Dichlorodifluoromethane
Concen: 0.398 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

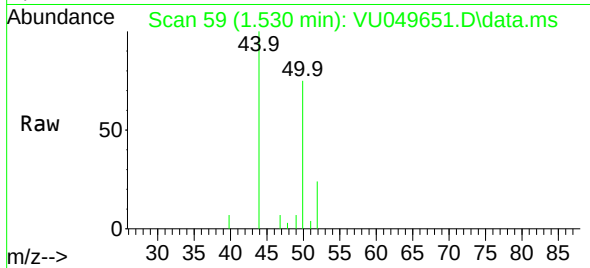
Tgt Ion: 85 Resp: 6087
Ion Ratio Lower Upper
85 100
87 28.5 16.3 48.8





#3
Chloromethane
Concen: 0.464 ug/l
RT: 1.530 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

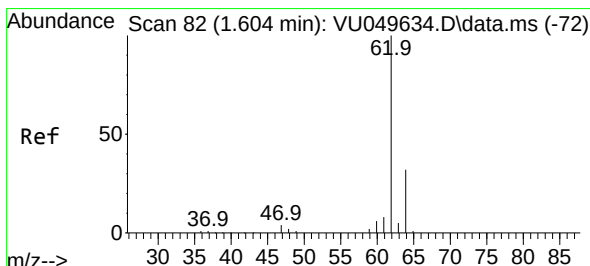
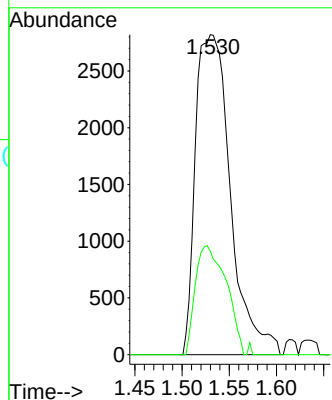
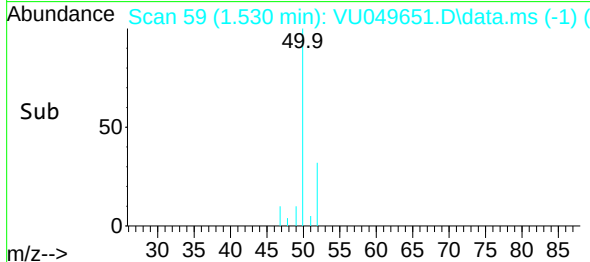
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 50 Resp: 7249
Ion Ratio Lower Upper
50 100
52 32.3 26.1 39.1

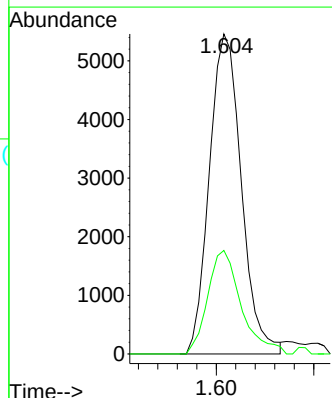
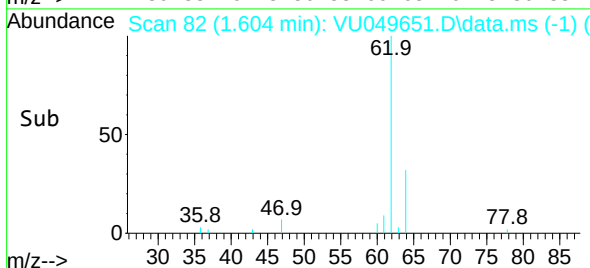
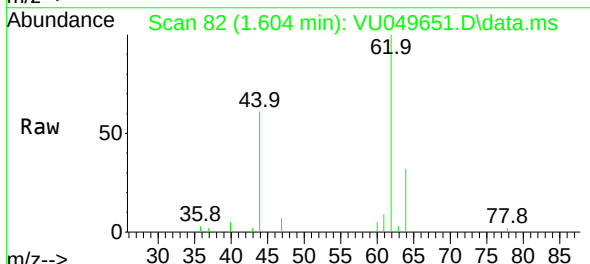
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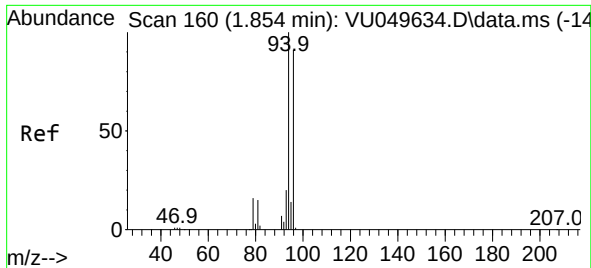
Reviewed By :Mahesh Dadoda 07/08/2022
Supervised By :Semsettin Yesilyurt 07/08/2022



#4
Vinyl Chloride
Concen: 0.437 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

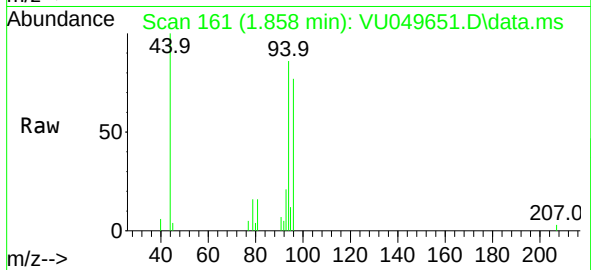
Tgt Ion: 62 Resp: 6229
Ion Ratio Lower Upper
62 100
64 32.4 25.5 38.3





#5
Bromomethane
Concen: 0.483 ug/l
RT: 1.858 min Scan# 10
Delta R.T. 0.003 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

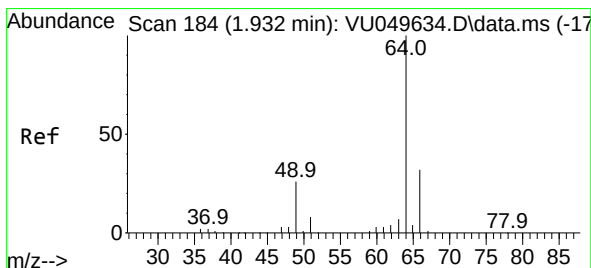
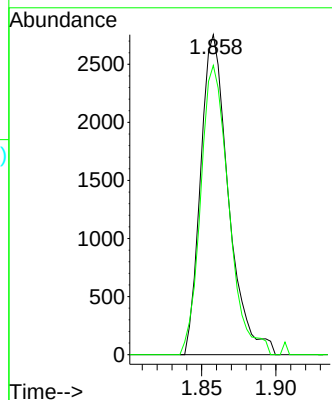
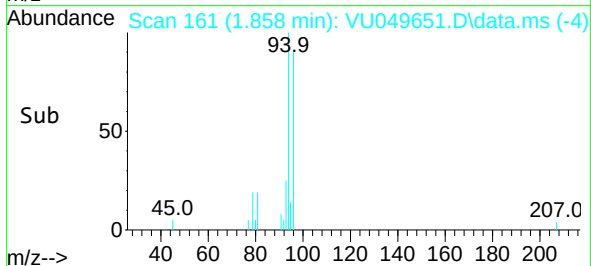
Instrument :
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ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 94 Resp: 359
Ion Ratio Lower Upper
94 100
96 79.6 73.0 109.6

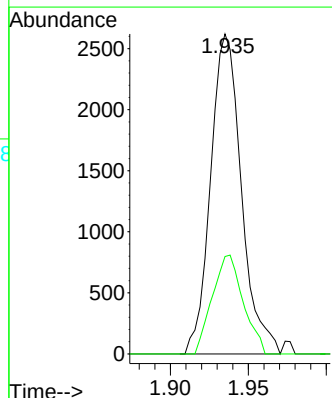
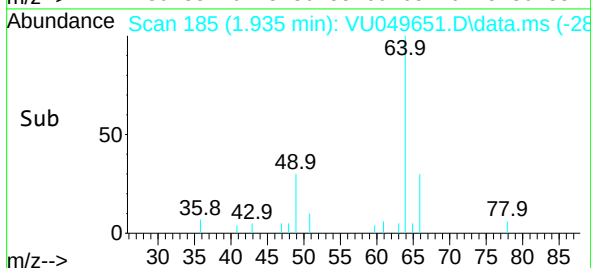
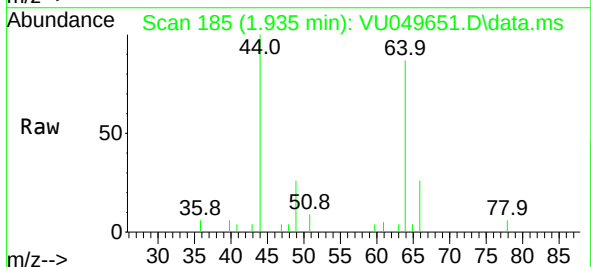
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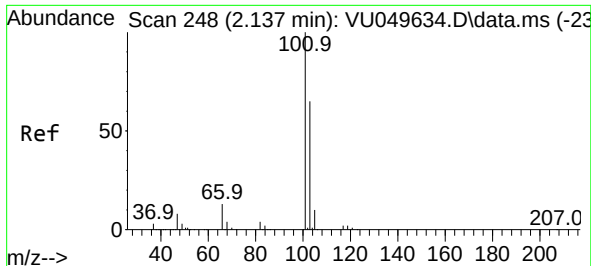
Reviewed By :Mahesh Dadoda 07/08/2022
Supervised By :Semsettin Yesilyurt 07/08/2022



#6
Chloroethane
Concen: 0.450 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.003 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

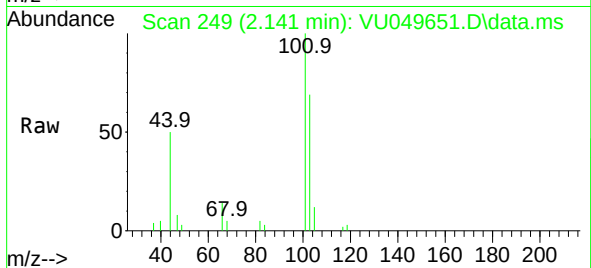
Tgt Ion: 64 Resp: 3596
Ion Ratio Lower Upper
64 100
66 30.5 25.8 38.6





#7
Trichlorofluoromethane
Concen: 0.447 ug/l
RT: 2.141 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

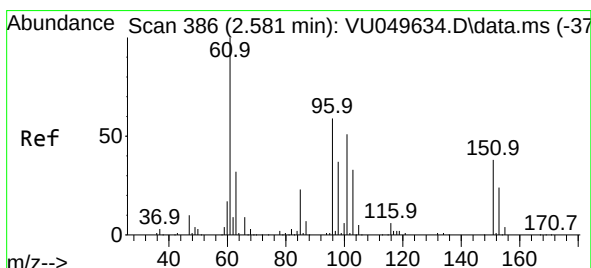
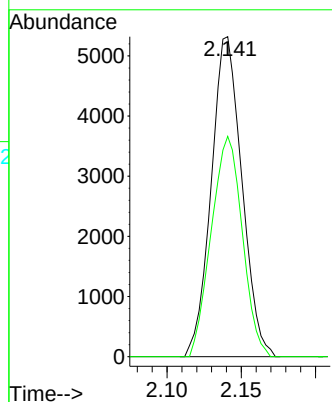
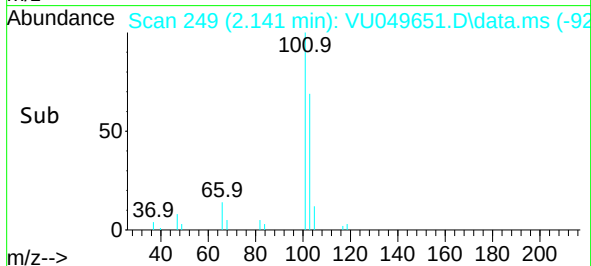
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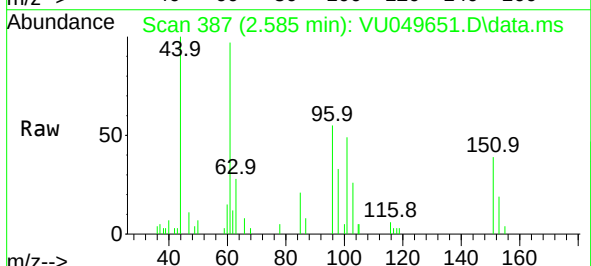
Tgt Ion:101 Resp: 763
Ion Ratio Lower Upper
101 100
103 68.9 51.8 77.6

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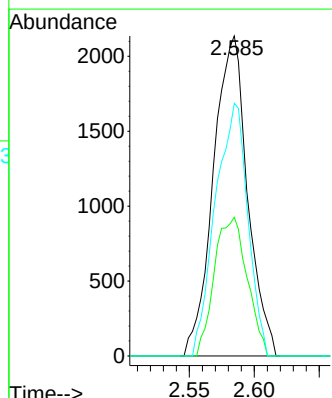
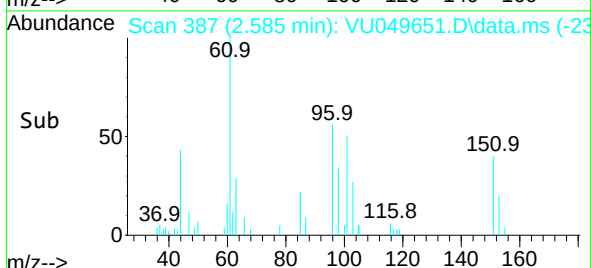
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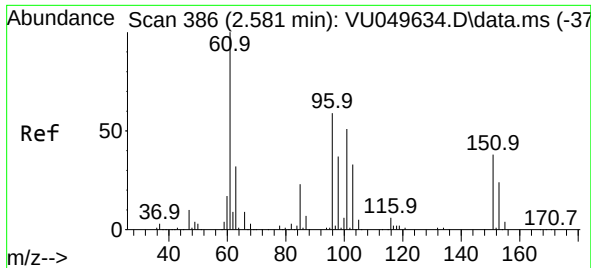


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.435 ug/l
RT: 2.585 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03



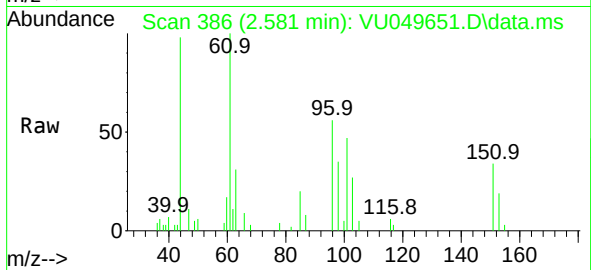
Tgt Ion:101 Resp: 3909
Ion Ratio Lower Upper
101 100
85 41.5 36.4 54.6
151 74.7 59.1 88.7





#9
1,1-Dichloroethene
Concen: 0.421 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

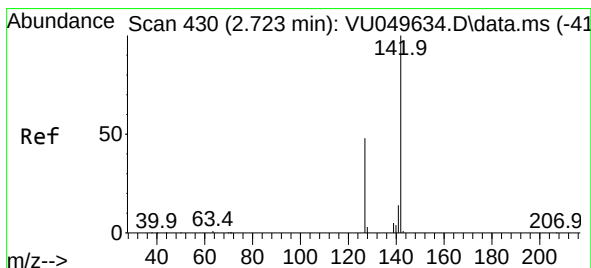
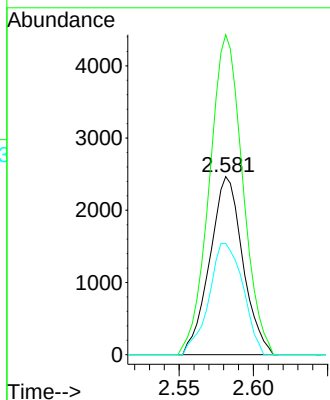
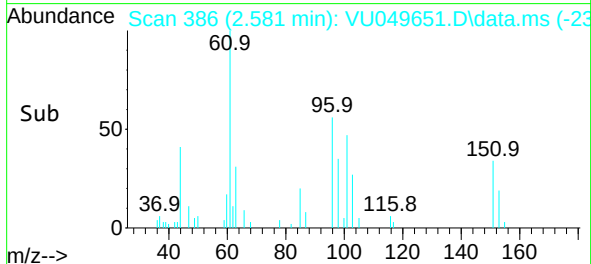
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2022



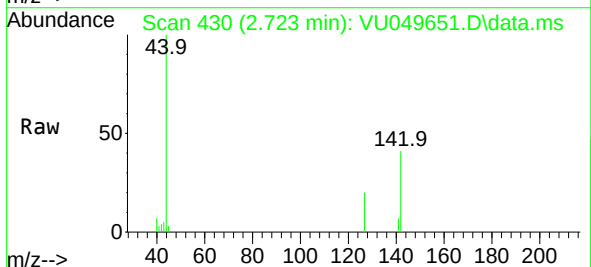
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Ion Ratio Lower Upper
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61 179.7 0.0 510.6
98 62.6 0.0 124.6

Manual Integrations
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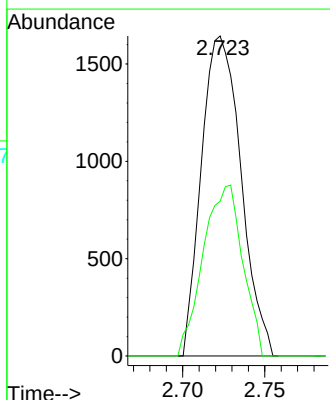
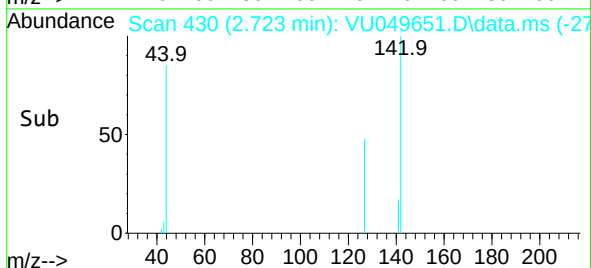
Reviewed By :Mahesh Dadoda 07/08/2022
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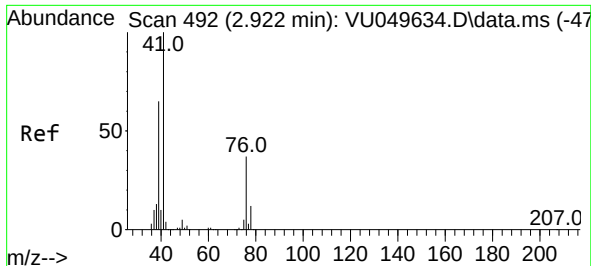


#10
Iodomethane
Concen: 0.240 ug/l
RT: 2.723 min Scan# 430
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03



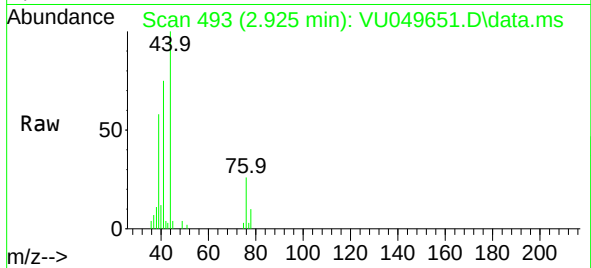
Tgt Ion:142 Resp: 2754
Ion Ratio Lower Upper
142 100
127 53.2 38.2 57.2





#11
 Allyl Chloride
 Concen: 0.453 ug/l
 RT: 2.925 min Scan# 492
 Delta R.T. 0.003 min
 Lab File: VU049651.D
 Acq: 07 Jul 2022 14:03

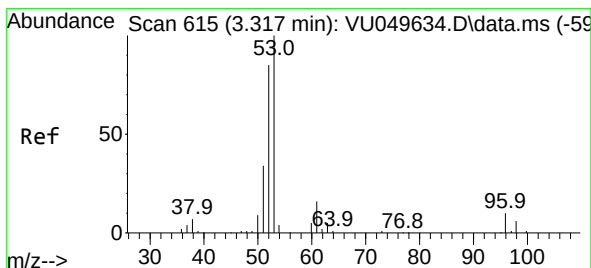
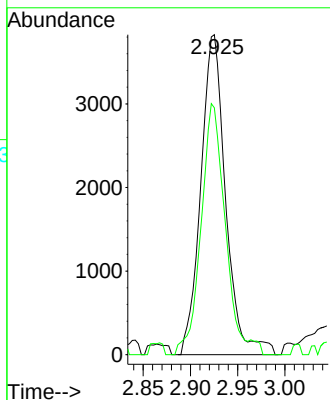
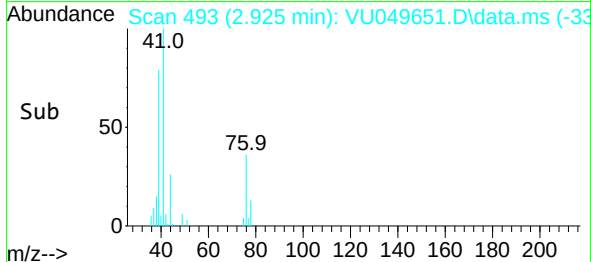
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2022



Tgt Ion: 41 Resp: 699
 Ion Ratio Lower Upper
 41 100
 39 75.0 53.2 79.8

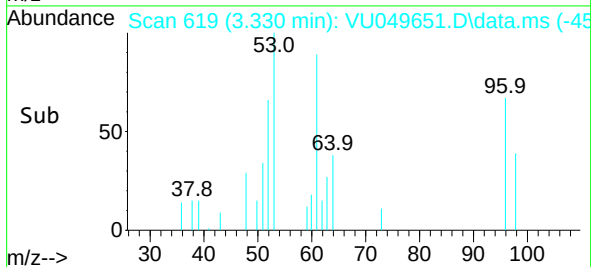
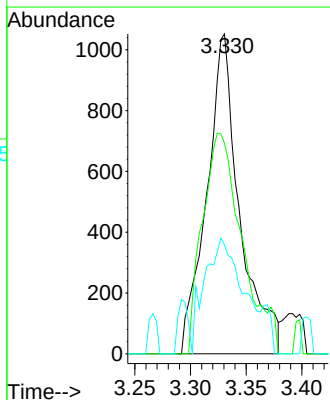
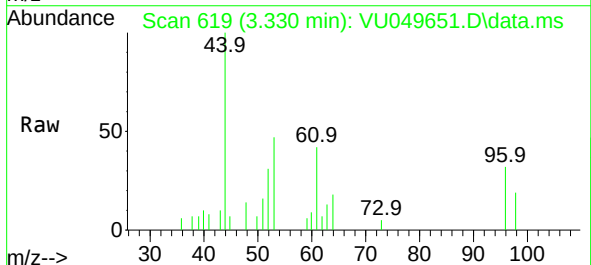
Manual Integrations
 APPROVED

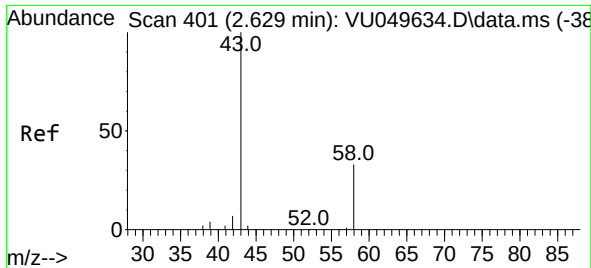
Reviewed By :Mahesh Dadoda 07/08/2022
 Supervised By :Semsettin Yesilyurt 07/08/2022



#12
 Acrylonitrile
 Concen: 0.894 ug/l
 RT: 3.330 min Scan# 619
 Delta R.T. 0.013 min
 Lab File: VU049651.D
 Acq: 07 Jul 2022 14:03

Tgt Ion: 53 Resp: 2164
 Ion Ratio Lower Upper
 53 100
 52 82.9 64.6 97.0
 51 42.2 30.7 46.1





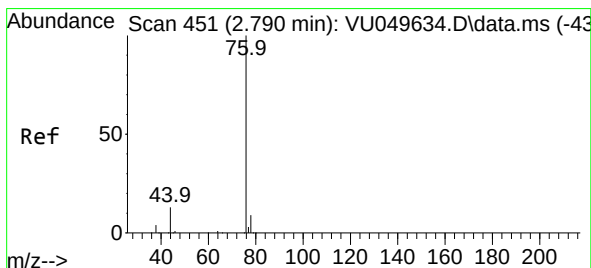
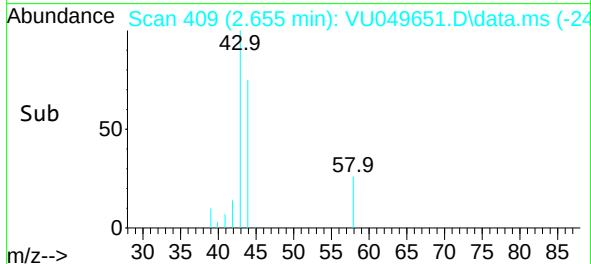
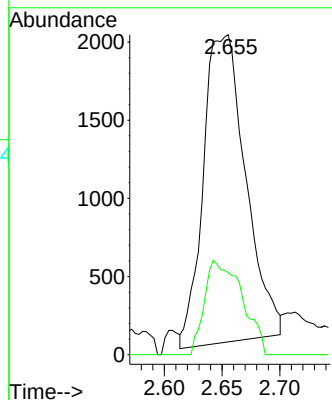
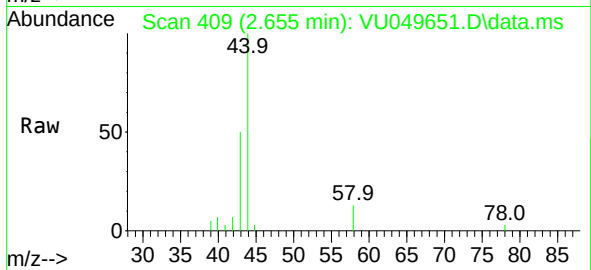
#13
Acetone
Concen: 2.634 ug/l
RT: 2.655 min Scan# 409
Delta R.T. 0.026 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion: 43 Resp: 5030
Ion Ratio Lower Upper
43 100
58 27.4 26.2 39.2

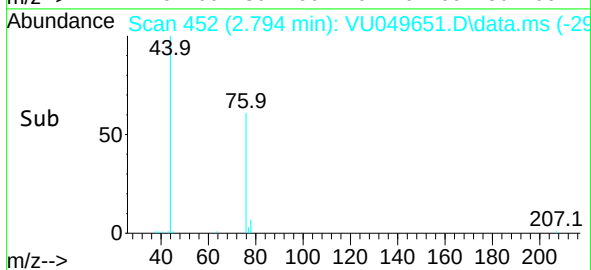
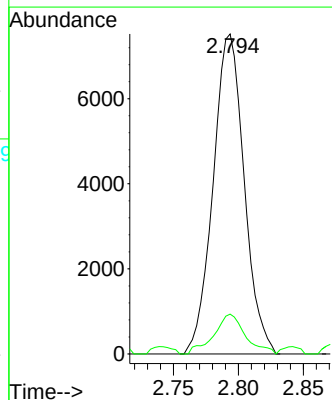
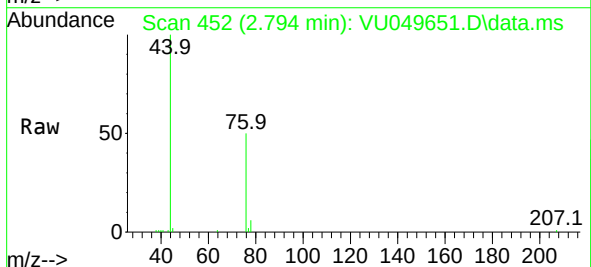
Manual Integrations
APPROVED

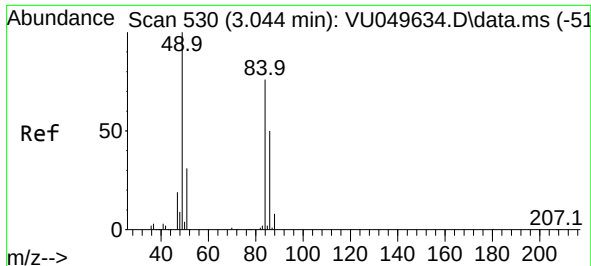
Reviewed By :Mahesh Dadoda 07/08/2022
Supervised By :Semsettin Yesilyurt 07/08/2022



#14
Carbon Disulfide
Concen: 0.420 ug/l
RT: 2.794 min Scan# 452
Delta R.T. 0.003 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

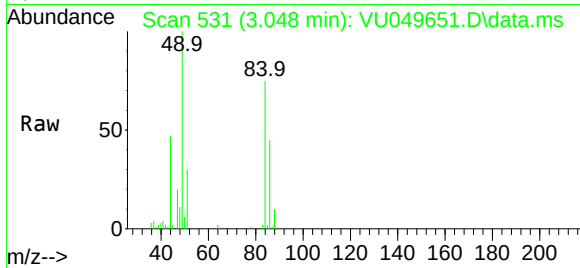
Tgt Ion: 76 Resp: 12505
Ion Ratio Lower Upper
76 100
78 12.4 7.4 11.0#





#15
Methylene Chloride
Concen: 1.119 ug/l
RT: 3.048 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

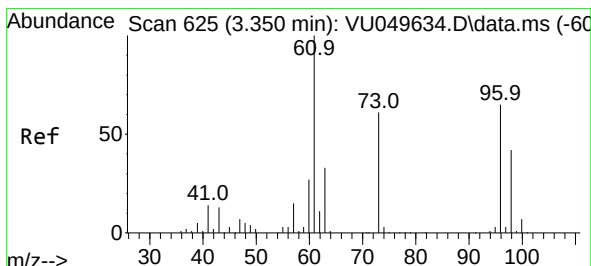
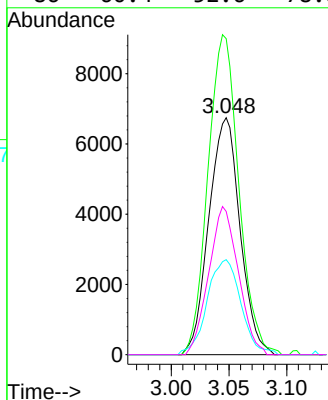
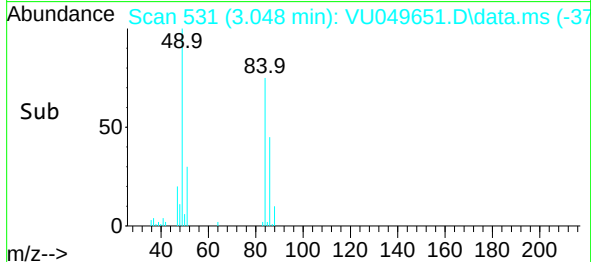
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 84 Resp: 12680
Ion Ratio Lower Upper
84 100
49 133.4 104.6 157.0
51 40.1 0.0 81.4
86 60.4 52.6 78.8

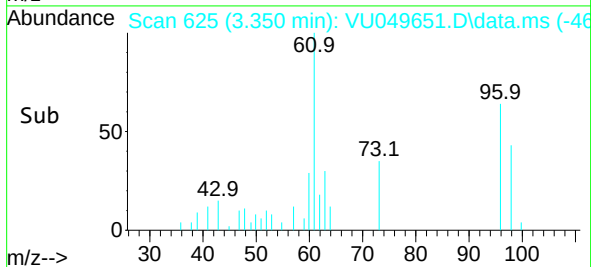
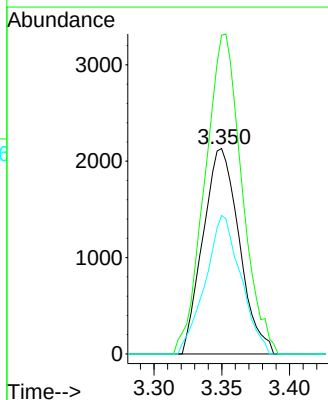
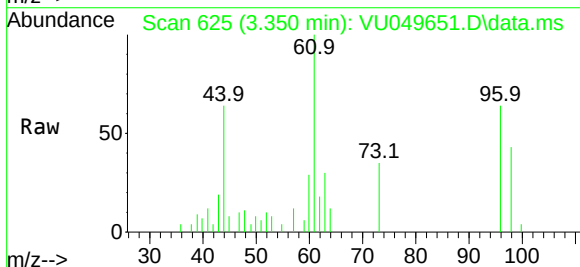
Manual Integrations
APPROVED

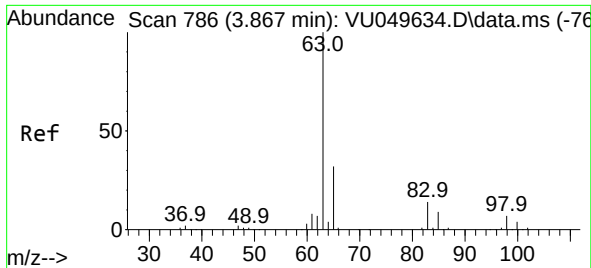
Reviewed By :Mahesh Dadoda 07/08/2022
Supervised By :Semsettin Yesilyurt 07/08/2022



#16
trans-1,2-Dichloroethene
Concen: 0.416 ug/l
RT: 3.350 min Scan# 625
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

Tgt Ion: 96 Resp: 3959
Ion Ratio Lower Upper
96 100
61 155.1 123.4 185.0
98 67.4 51.6 77.4





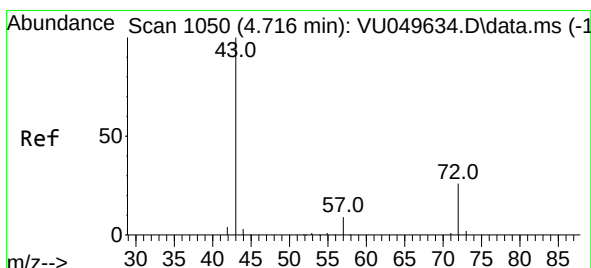
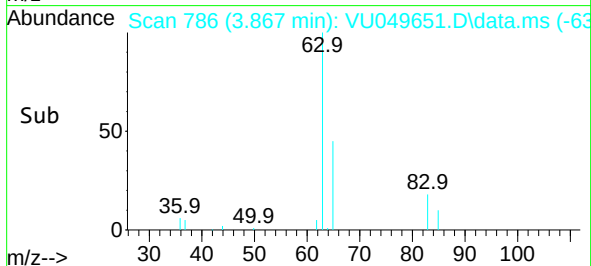
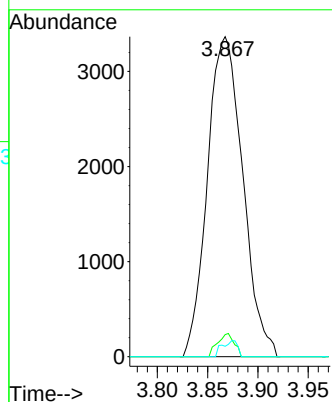
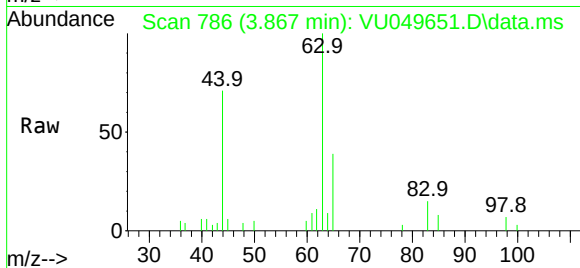
#17
1,1-Dichloroethane
Concen: 0.419 ug/l
RT: 3.867 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion: 63 Resp: 8230
Ion Ratio Lower Upper
63 100
98 6.9 3.4 10.2
100 3.2 2.0 6.0

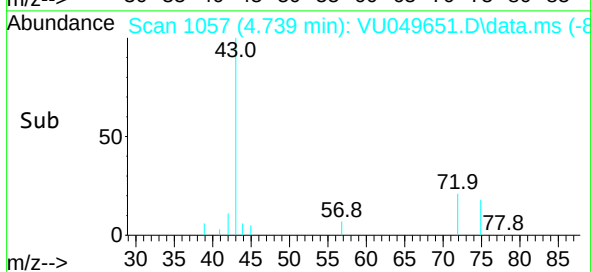
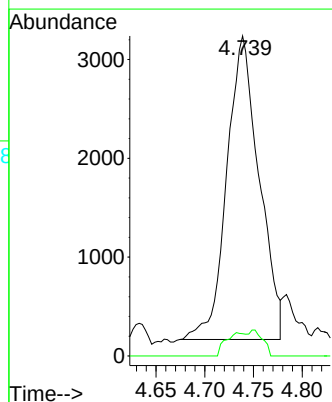
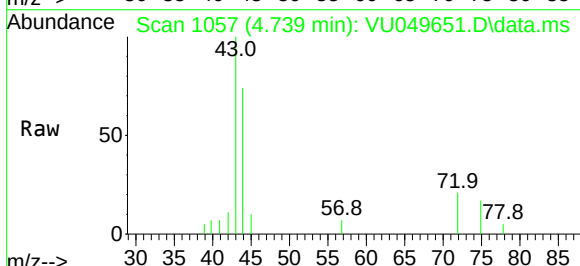
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APPROVED

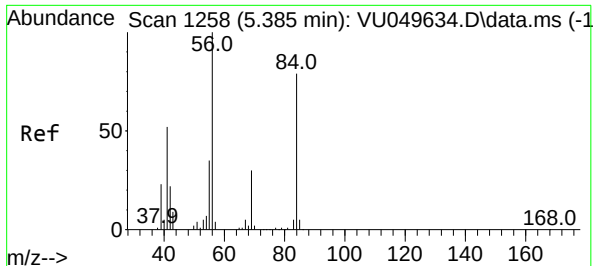
Reviewed By :Mahesh Dadoda 07/08/2022
Supervised By :Semsettin Yesilyurt 07/08/2022



#18
2-Butanone
Concen: 2.179 ug/l
RT: 4.739 min Scan# 1057
Delta R.T. 0.023 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

Tgt Ion: 43 Resp: 7093
Ion Ratio Lower Upper
43 100
57 7.3 0.0 18.0





#19

Cyclohexane

Concen: 0.384 ug/l m

RT: 5.379 min Scan# 1

Delta R.T. -0.006 min

Lab File: VU049651.D

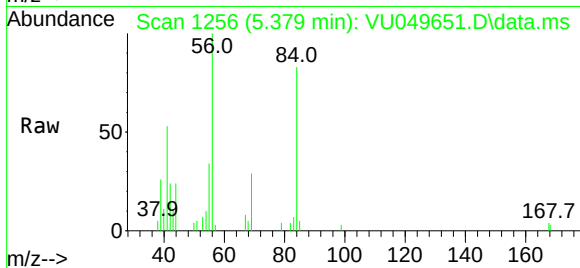
Acq: 07 Jul 2022 14:03

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2022

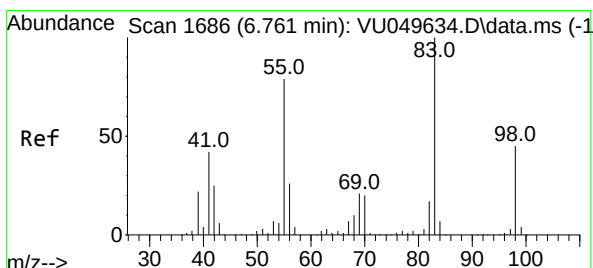
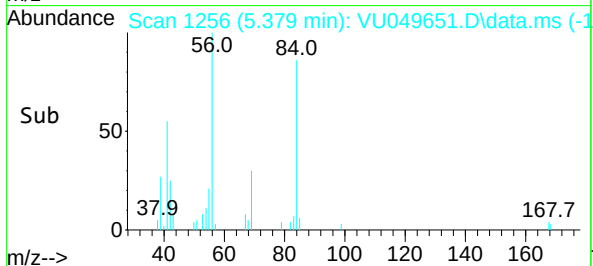
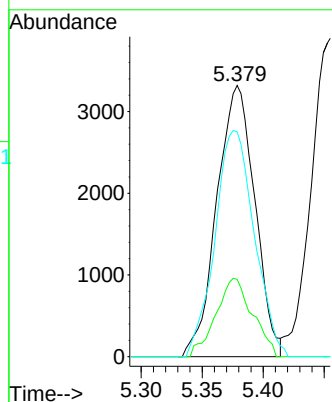


Tgt Ion: 56	Resp: 7200
Ion Ratio	Lower Upper
56	100
69	27.8 24.2 36.4
84	86.2 63.4 95.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/08/2022
Supervised By :Semsettin Yesilyurt 07/08/2022



#20

Methylcyclohexane

Concen: 0.368 ug/l

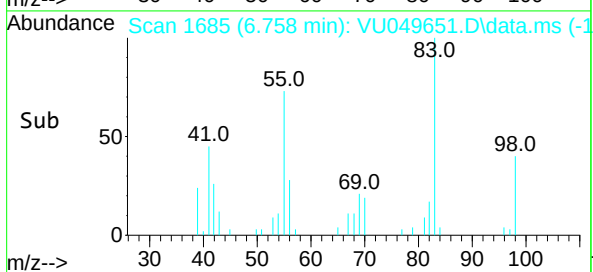
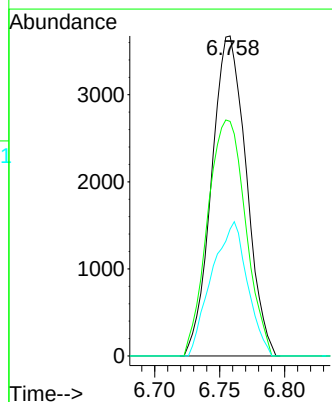
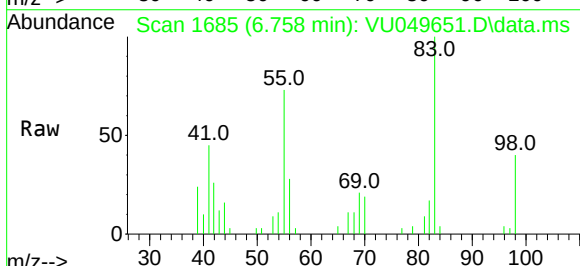
RT: 6.758 min Scan# 1685

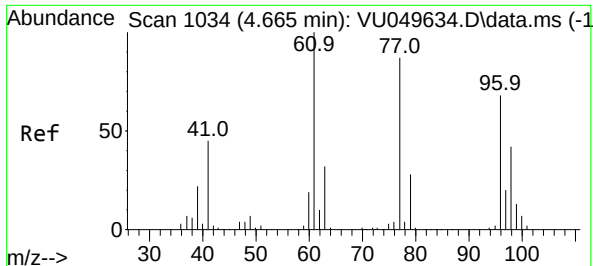
Delta R.T. -0.003 min

Lab File: VU049651.D

Acq: 07 Jul 2022 14:03

Tgt Ion: 83	Resp: 6810
Ion Ratio	Lower Upper
83	100
55	80.9 63.0 94.4
98	43.2 35.7 53.5





#21

2,2-Dichloropropane

Concen: 0.463 ug/l

RT: 4.658 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VU049651.D

Acq: 07 Jul 2022 14:03

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2022

Tgt Ion: 77 Resp: 744

Ion Ratio Lower Upper

77 100

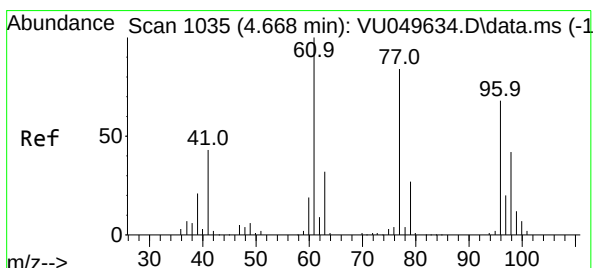
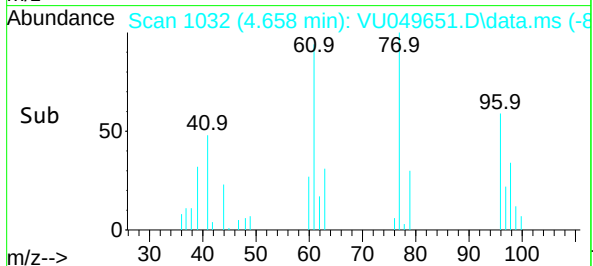
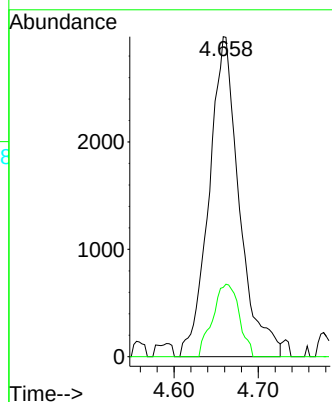
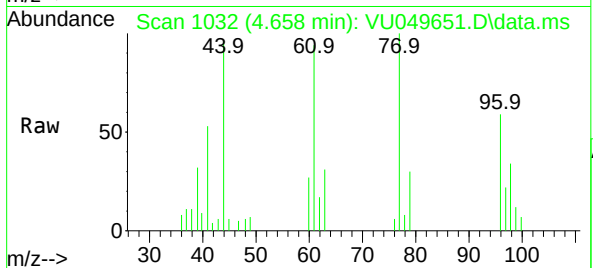
97 19.7 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/08/2022

Supervised By :Semsettin Yesilyurt 07/08/2022



#22

cis-1,2-Dichloroethene

Concen: 0.390 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU049651.D

Acq: 07 Jul 2022 14:03

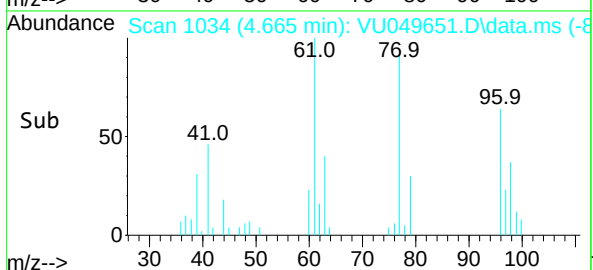
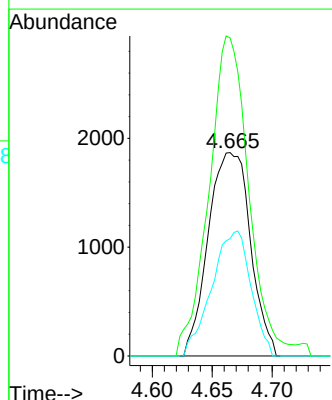
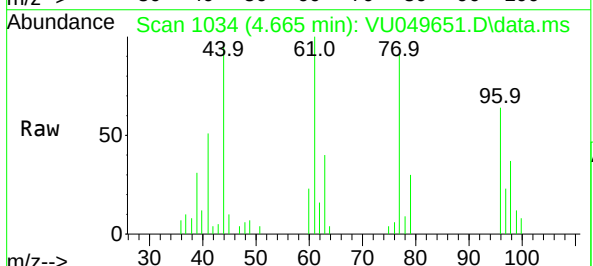
Tgt Ion: 96 Resp: 4571

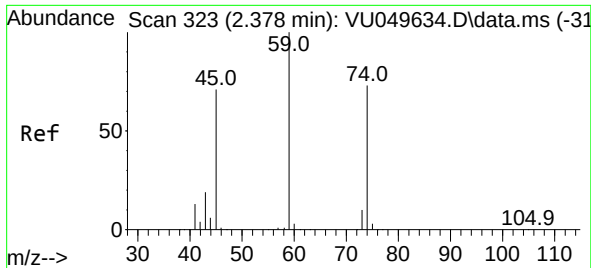
Ion Ratio Lower Upper

96 100

61 148.0 0.0 375.8

98 57.0 31.6 95.0





#23

Diethyl Ether

Concen: 0.421 ug/l

RT: 2.379 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU049651.D

Acq: 07 Jul 2022 14:03

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2022

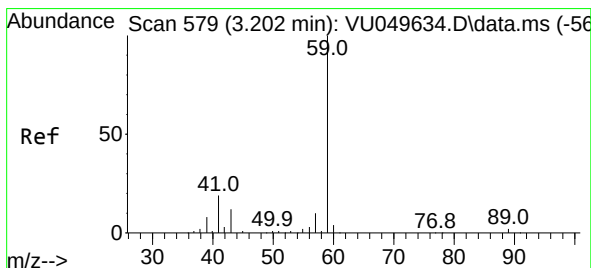
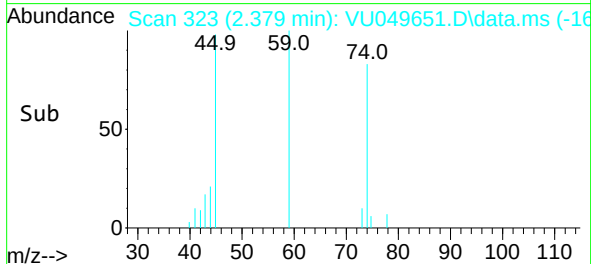
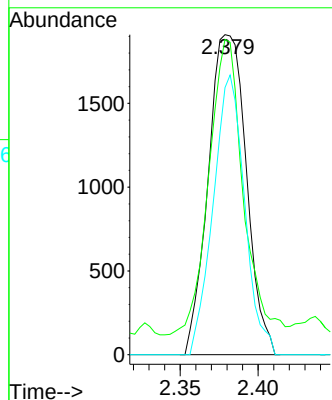
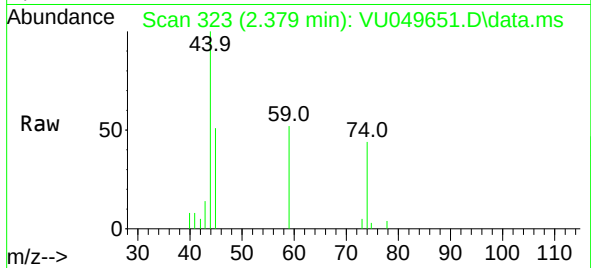
Tgt Ion: 59 Resp: 324

Ion	Ratio	Lower	Upper
59	100		
45	82.4	56.0	84.0
74	72.1	57.6	86.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/08/2022
Supervised By :Semsettin Yesilyurt 07/08/2022



#24

tert-Butyl Alcohol

Concen: 5.086 ug/l m

RT: 3.244 min Scan# 592

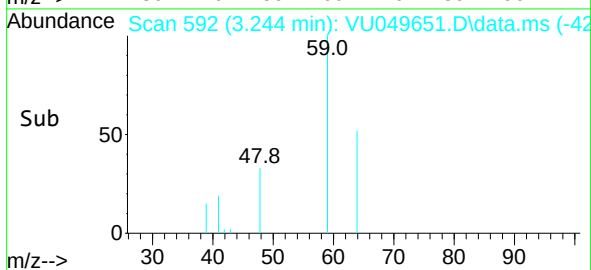
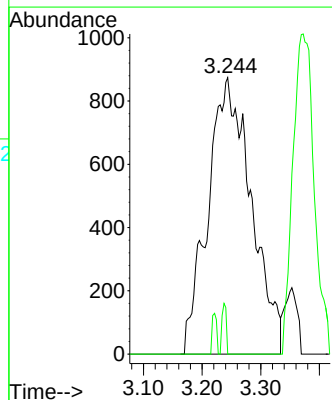
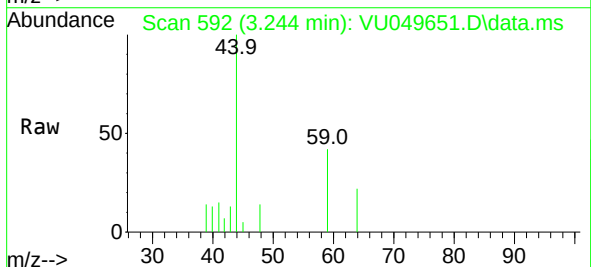
Delta R.T. 0.042 min

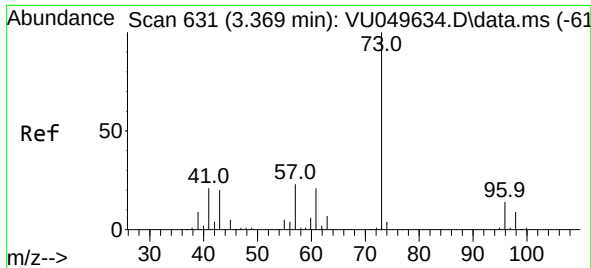
Lab File: VU049651.D

Acq: 07 Jul 2022 14:03

Tgt Ion: 59 Resp: 4475

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2





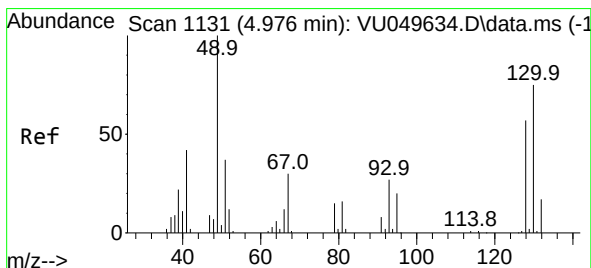
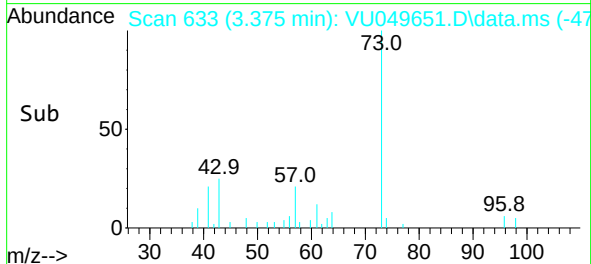
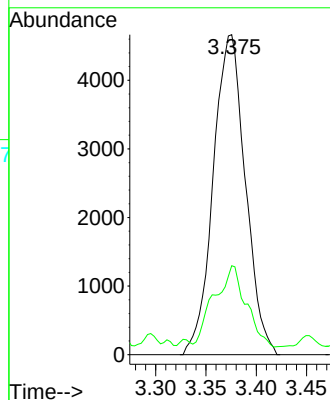
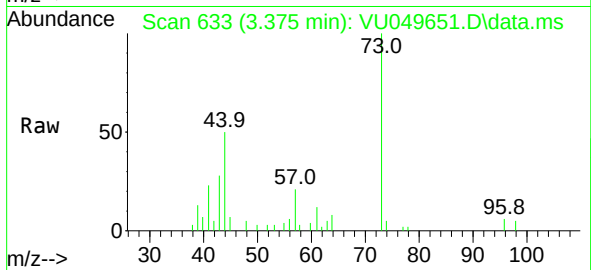
#25
Methyl tert-Butyl Ether
Concen: 0.410 ug/l
RT: 3.375 min Scan# 61
Delta R.T. 0.007 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion: 73 Resp: 1037
Ion Ratio Lower Upper
73 100
43 26.0 15.9 23.9

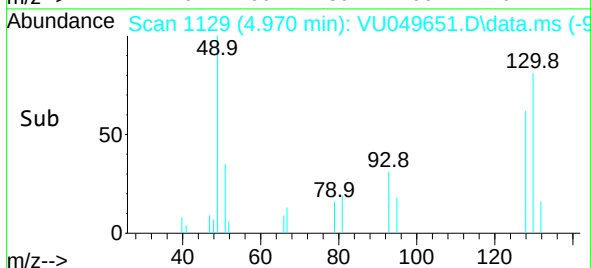
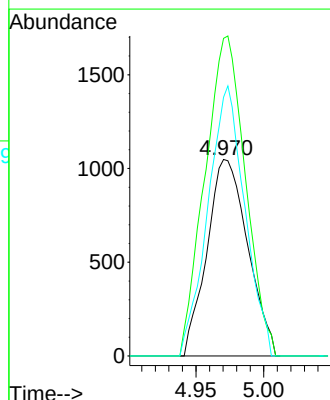
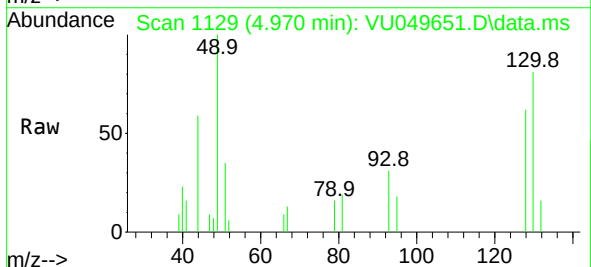
Manual Integrations
APPROVED

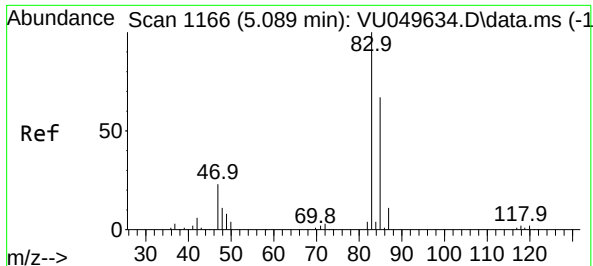
Reviewed By :Mahesh Dadoda 07/08/2022
Supervised By :Semsettin Yesilyurt 07/08/2022



#26
Bromochloromethane
Concen: 0.444 ug/l
RT: 4.970 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

Tgt Ion:128 Resp: 2191
Ion Ratio Lower Upper
128 100
49 161.2 0.0 349.2
130 124.3 103.0 154.6





#27

Chloroform

Concen: 0.435 ug/l

RT: 5.092 min Scan# 1166

Delta R.T. 0.003 min

Lab File: VU049651.D

Acq: 07 Jul 2022 14:03

Instrument :

MSVOA_U

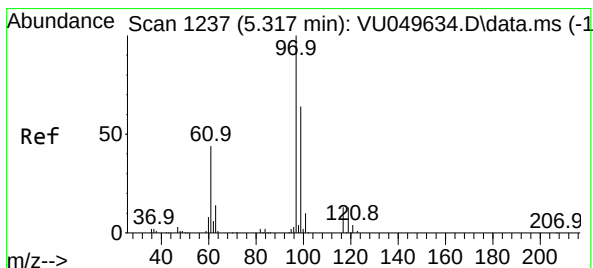
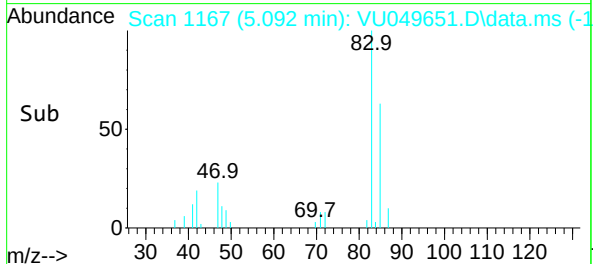
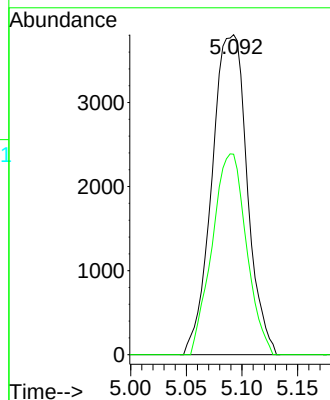
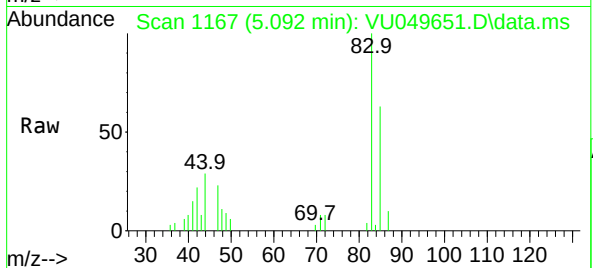
ClientSampleId :

LOQ-WATER-02-QT2-2022

Tgt Ion: 83 Resp: 8400
 Ion Ratio Lower Upper
 83 100
 85 62.6 0.0 133.6

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/08/2022
 Supervised By :Semsettin Yesilyurt 07/08/2022



#28

1,1,1-Trichloroethane

Concen: 0.402 ug/l

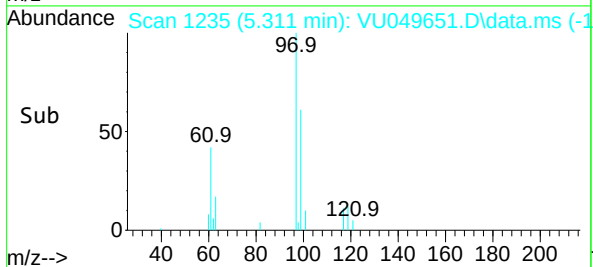
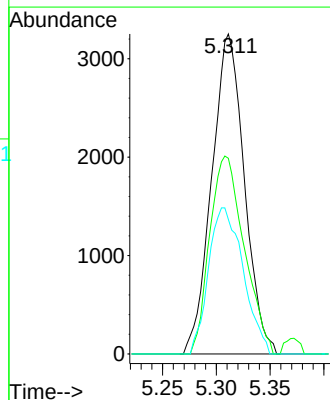
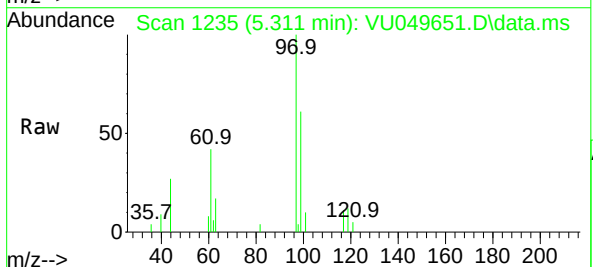
RT: 5.311 min Scan# 1235

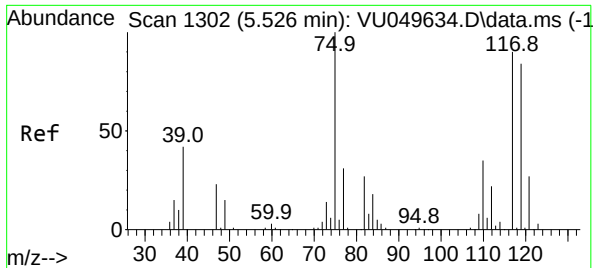
Delta R.T. -0.006 min

Lab File: VU049651.D

Acq: 07 Jul 2022 14:03

Tgt Ion: 97 Resp: 6861
 Ion Ratio Lower Upper
 97 100
 99 65.3 32.1 96.5
 61 48.4 21.8 65.4





#29

1,1-Dichloropropene

Concen: 0.400 ug/l

RT: 5.520 min Scan# 11

Delta R.T. -0.006 min

Lab File: VU049651.D

Acq: 07 Jul 2022 14:03

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2022

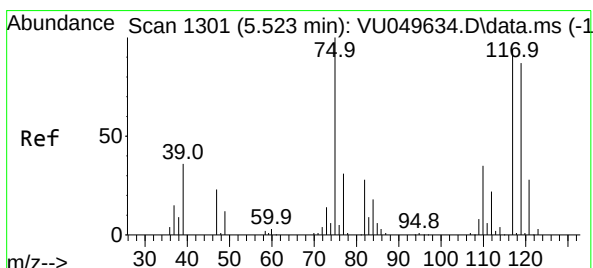
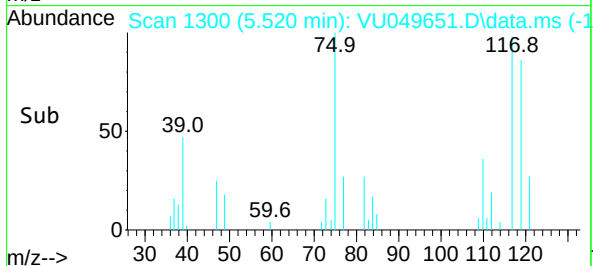
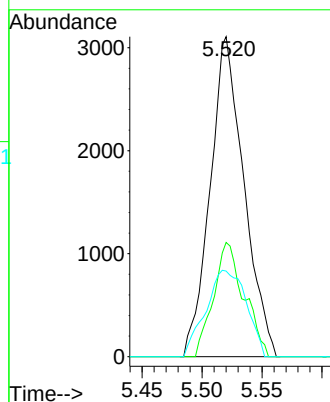
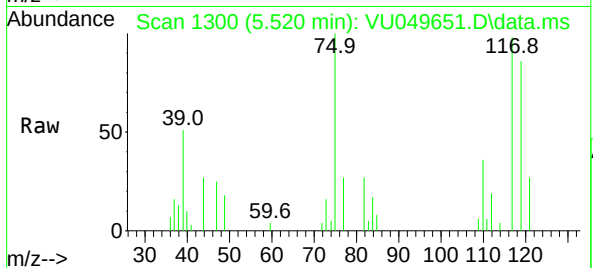
Tgt Ion: 75	Resp: 608
Ion Ratio	Lower Upper
75 100	
110 32.2	17.3 52.0
77 32.3	24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/08/2022

Supervised By :Semsettin Yesilyurt 07/08/2022



#30

Carbon Tetrachloride

Concen: 0.442 ug/l

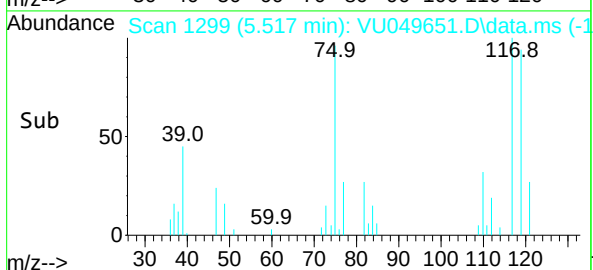
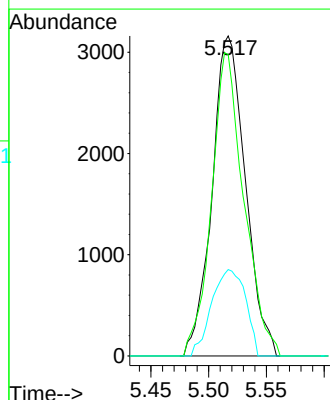
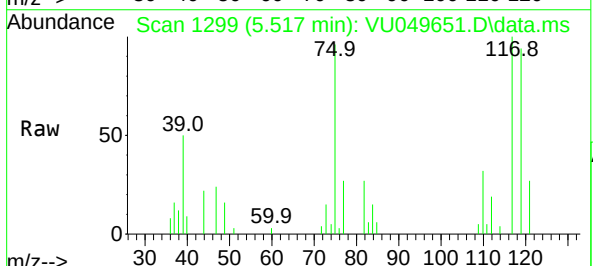
RT: 5.517 min Scan# 1299

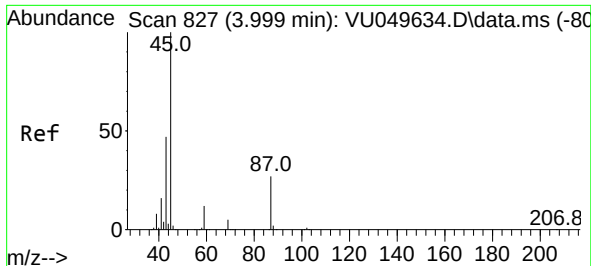
Delta R.T. -0.006 min

Lab File: VU049651.D

Acq: 07 Jul 2022 14:03

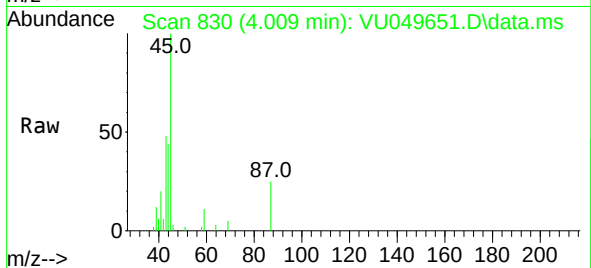
Tgt Ion: 117	Resp: 6348
Ion Ratio	Lower Upper
117 100	
119 94.2	74.6 112.0
121 27.0	24.2 36.4





#31
Isopropyl Ether
Concen: 0.383 ug/l
RT: 4.009 min Scan# 827
Delta R.T. 0.010 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

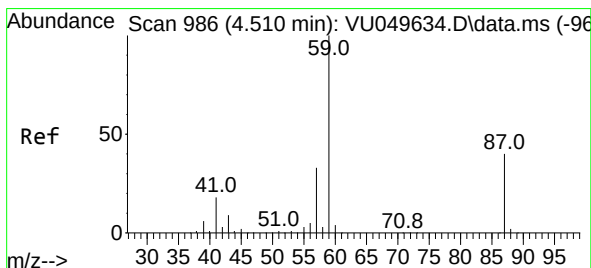
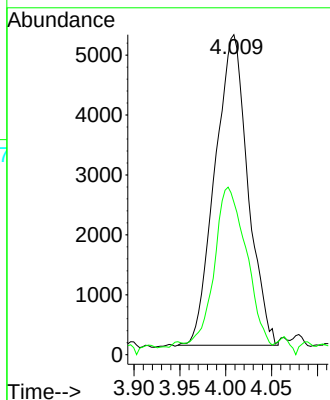
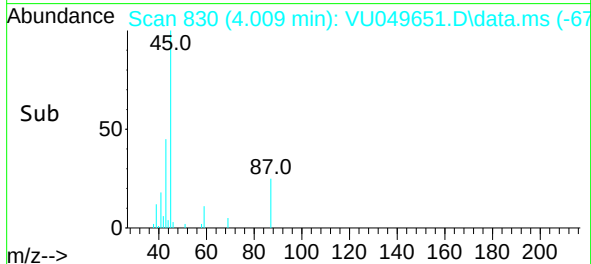
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 45 Resp: 12910
Ion Ratio Lower Upper
45 100
43 48.7 23.8 71.2

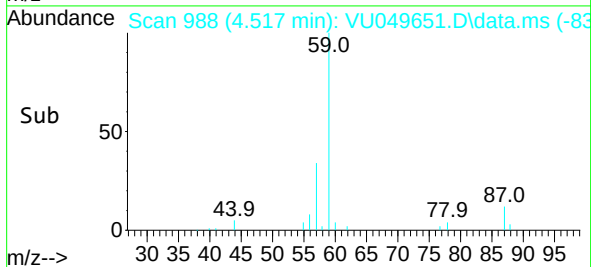
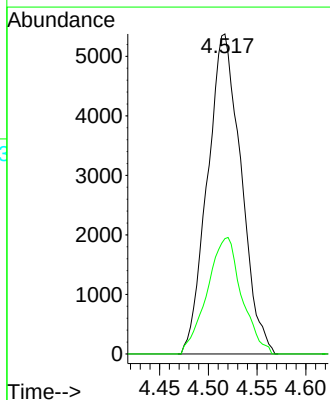
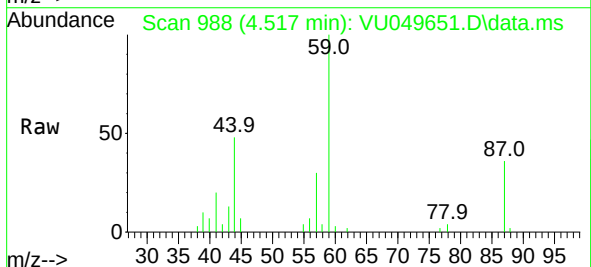
Manual Integrations
APPROVED

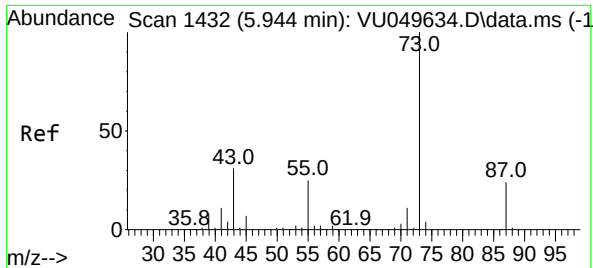
Reviewed By :Mahesh Dadoda 07/08/2022
Supervised By :Semsettin Yesilyurt 07/08/2022



#32
Ethyl-t-butyl ether
Concen: 0.404 ug/l
RT: 4.517 min Scan# 988
Delta R.T. 0.007 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

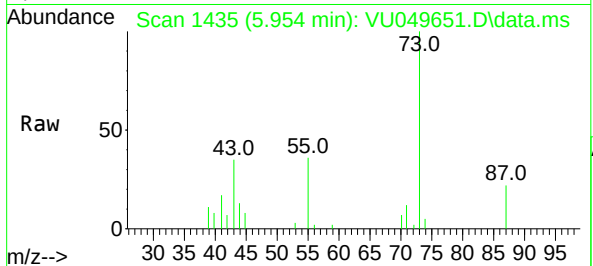
Tgt Ion: 59 Resp: 12876
Ion Ratio Lower Upper
59 100
87 37.5 32.5 48.7





#33
Tert-Amyl methyl ether
Concen: 0.391 ug/l
RT: 5.954 min Scan# 1432
Delta R.T. 0.010 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

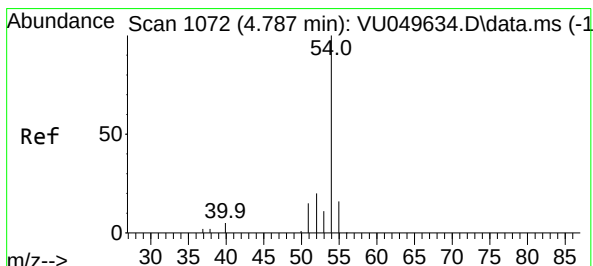
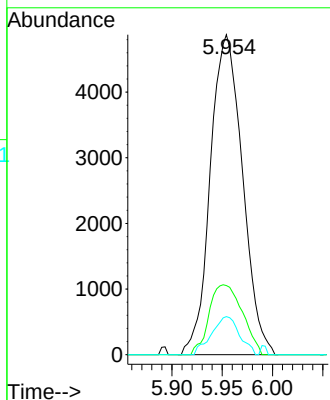
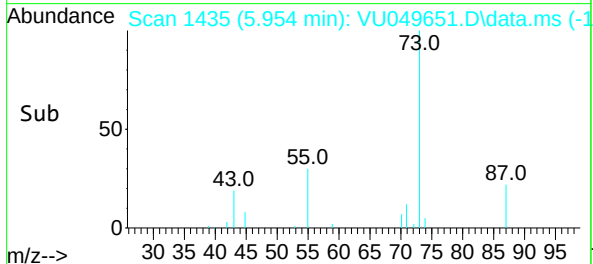
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 73 Resp: 10840
Ion Ratio Lower Upper
73 100
87 22.7 19.7 29.5
71 10.3 9.0 13.4

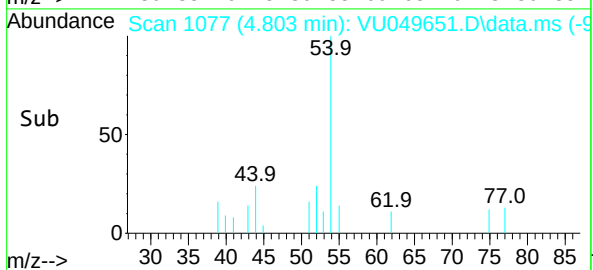
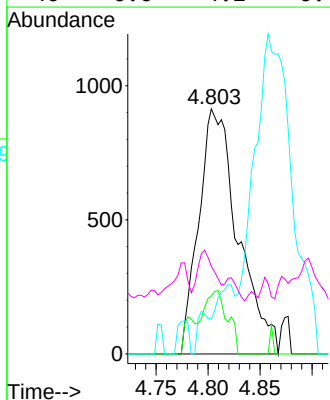
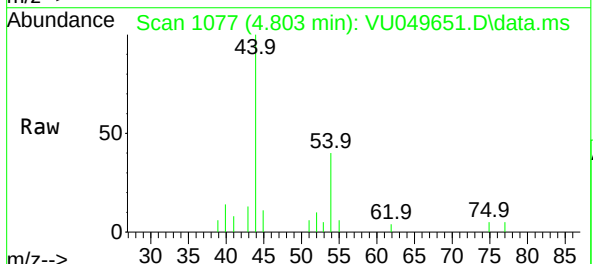
Manual Integrations
APPROVED

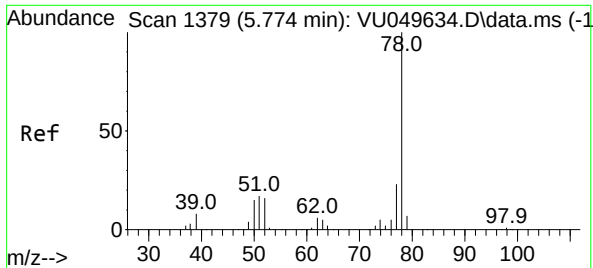
Reviewed By :Mahesh Dadoda 07/08/2022
Supervised By :Semsettin Yesilyurt 07/08/2022



#34
Propionitrile
Concen: 2.573 ug/l
RT: 4.803 min Scan# 1077
Delta R.T. 0.016 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

Tgt Ion: 54 Resp: 2402
Ion Ratio Lower Upper
54 100
52 15.3 15.0 22.6
55 5.6 12.6 19.0#
40 6.6 4.2 6.4#





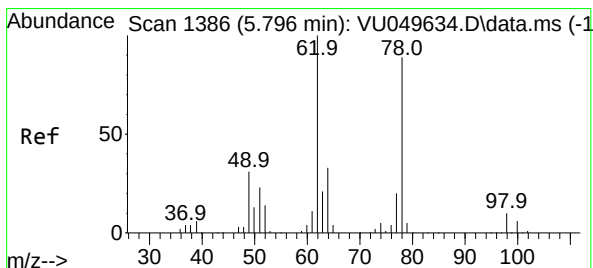
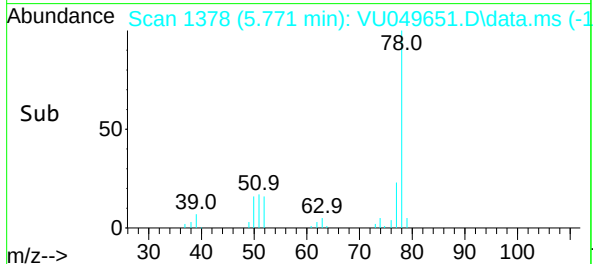
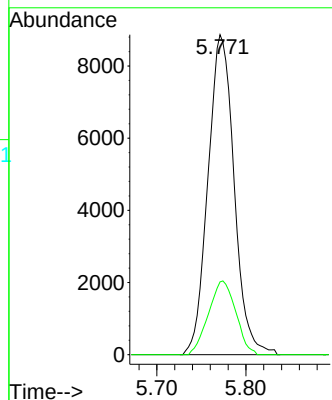
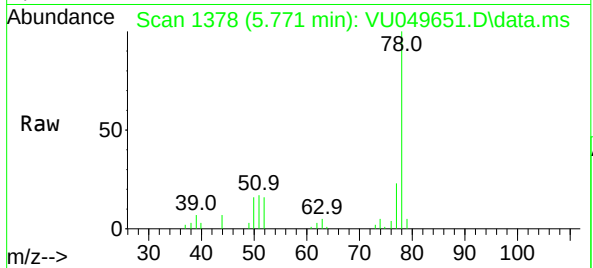
#35
Benzene
Concen: 0.417 ug/l
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2022

Tgt Ion: 78 Resp: 1808
Ion Ratio Lower Upper
78 100
77 22.7 18.6 28.0

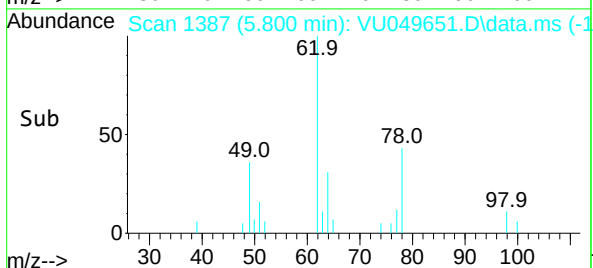
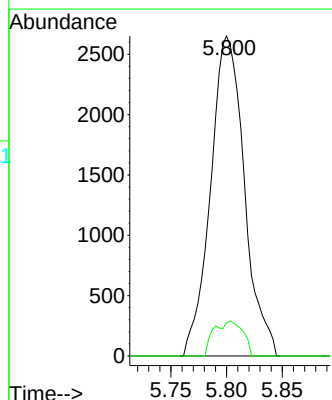
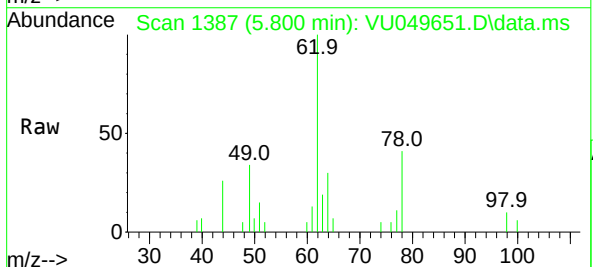
Manual Integrations
APPROVED

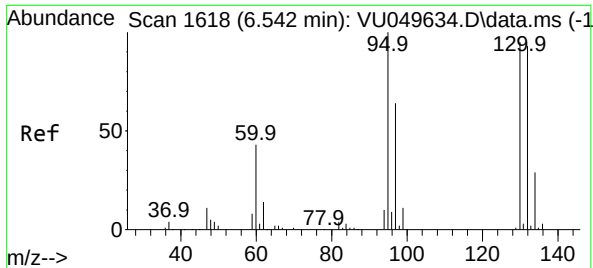
Reviewed By :Mahesh Dadoda 07/08/2022
Supervised By :Semsettin Yesilyurt 07/08/2022



#36
1,2-Dichloroethane
Concen: 0.453 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.003 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

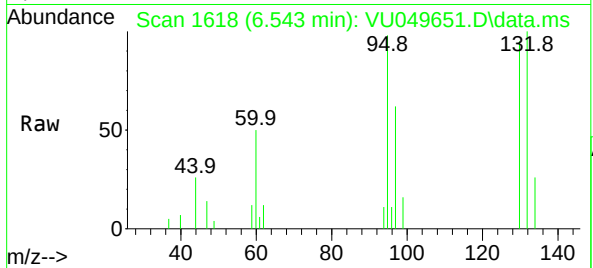
Tgt Ion: 62 Resp: 5595
Ion Ratio Lower Upper
62 100
98 9.3 7.4 11.0





#37
Trichloroethene
Concen: 0.398 ug/l
RT: 6.543 min Scan# 1618
Delta R.T. 0.001 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

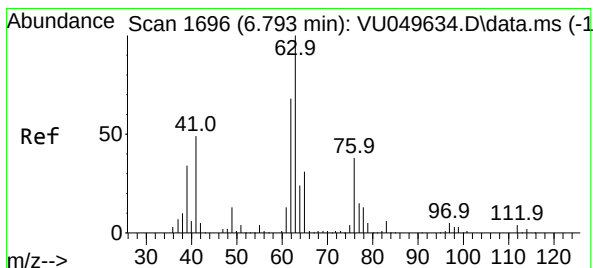
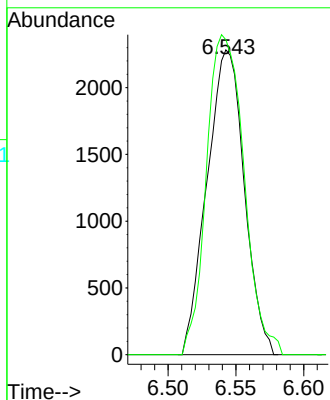
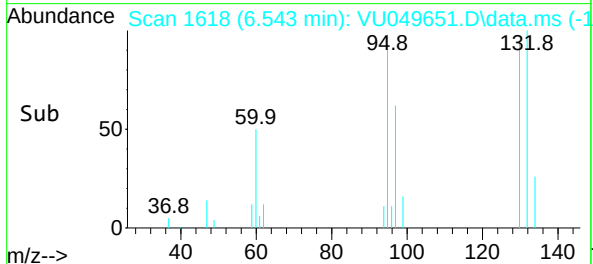
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2022



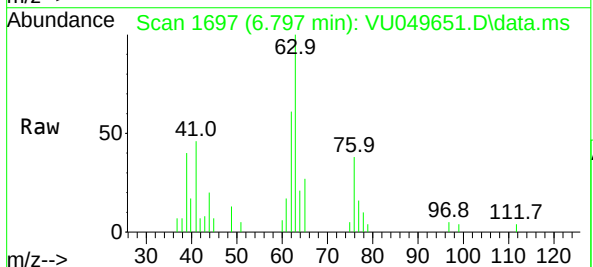
Tgt Ion:130 Resp: 4364
Ion Ratio Lower Upper
130 100
95 103.3 83.8 125.8

Manual Integrations
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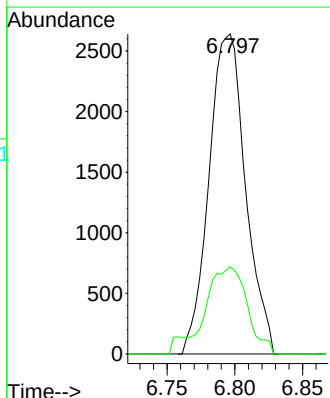
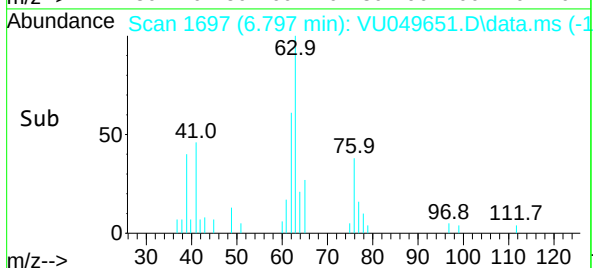
Reviewed By :Mahesh Dadoda 07/08/2022
Supervised By :Semsettin Yesilyurt 07/08/2022

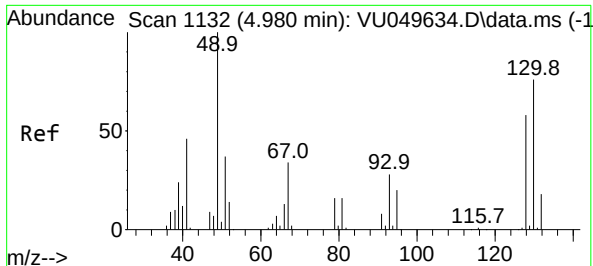


#38
1,2-Dichloropropane
Concen: 0.431 ug/l
RT: 6.797 min Scan# 1697
Delta R.T. 0.003 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03



Tgt Ion: 63 Resp: 4957
Ion Ratio Lower Upper
63 100
65 27.2 25.0 37.4





#39

Methacrylonitrile

Concen: 0.518 ug/l

RT: 4.999 min Scan# 1138

Delta R.T. 0.019 min

Lab File: VU049651.D

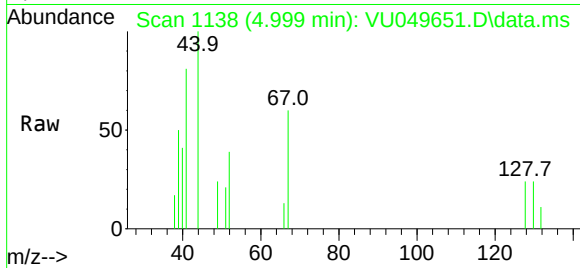
Acq: 07 Jul 2022 14:03

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2022



Tgt Ion: 41 Resp: 2072

Ion Ratio Lower Upper

41 100

67 54.0 59.4 89.0#

39 49.3 42.2 63.2#

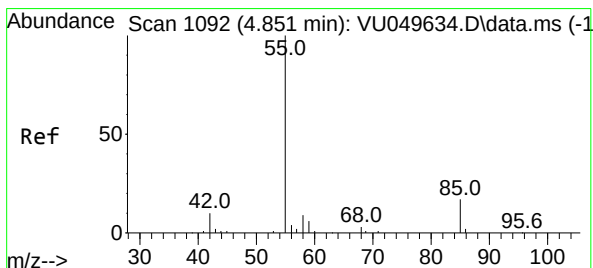
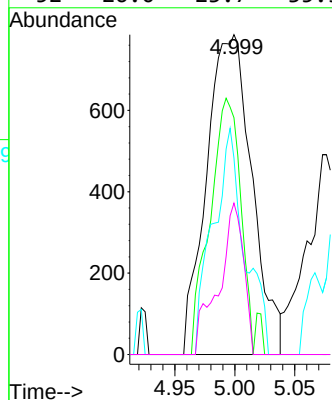
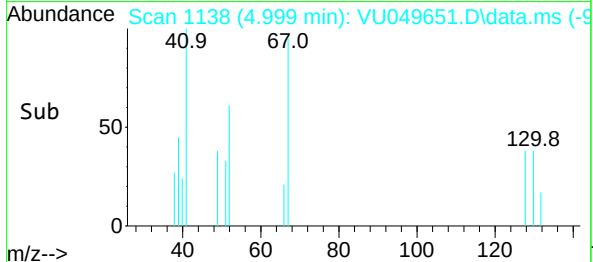
52 26.0 23.7 35.5#

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/08/2022

Supervised By :Semsettin Yesilyurt 07/08/2022



#40

Methyl acrylate

Concen: 0.493 ug/l

RT: 4.858 min Scan# 1094

Delta R.T. 0.007 min

Lab File: VU049651.D

Acq: 07 Jul 2022 14:03

Tgt Ion: 55 Resp: 3088

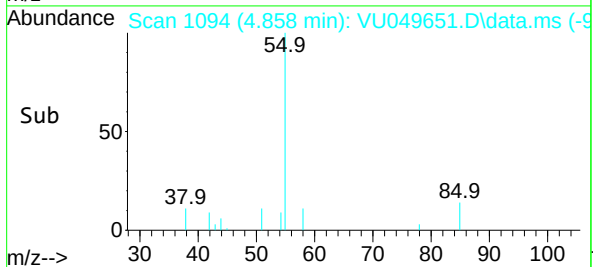
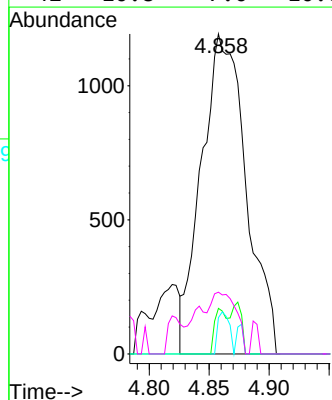
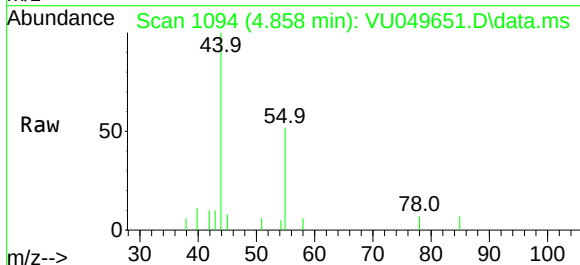
Ion Ratio Lower Upper

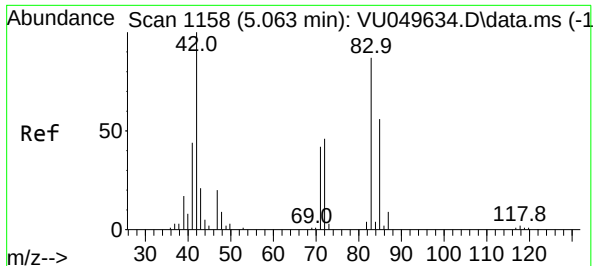
55 100

85 0.0 13.5 20.3#

58 3.4 7.0 10.4#

42 10.8 7.0 10.6#





#41

Tetrahydrofuran

Concen: 0.970 ug/l

RT: 5.086 min Scan# 1165

Delta R.T. 0.023 min

Lab File: VU049651.D

Acq: 07 Jul 2022 14:03

Instrument :

MSVOA_U

ClientSampleId :

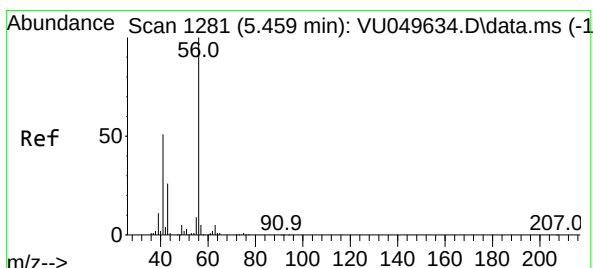
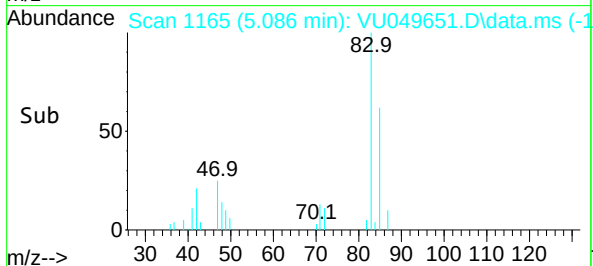
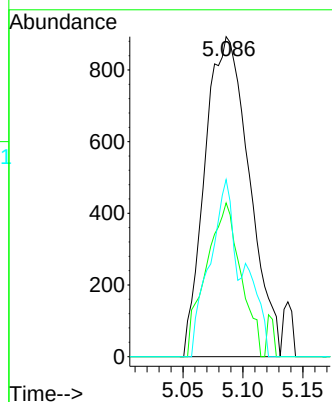
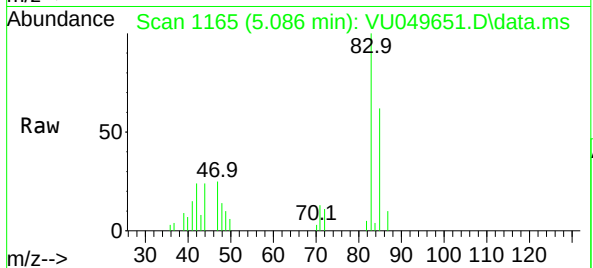
LOQ-WATER-02-QT2-2022

Tgt Ion: 42	Resp: 229
Ion Ratio	Lower Upper
42 100	
72 37.5	38.9 58.3
71 31.9	33.7 50.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/08/2022
Supervised By :Semsettin Yesilyurt 07/08/2022



#42

1-Chlorobutane

Concen: 0.393 ug/l

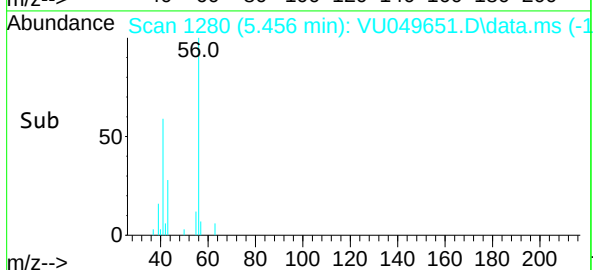
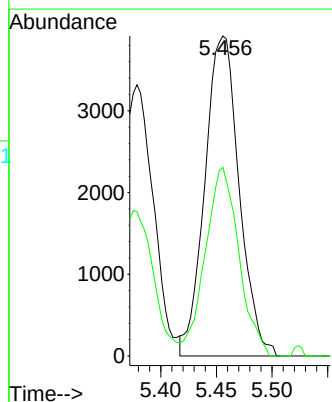
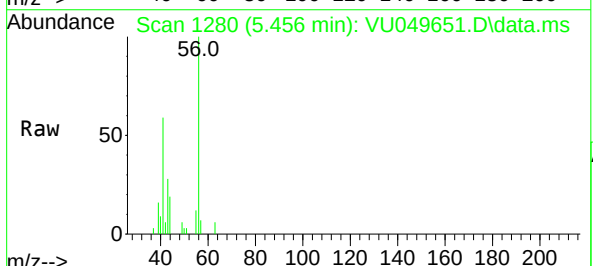
RT: 5.456 min Scan# 1280

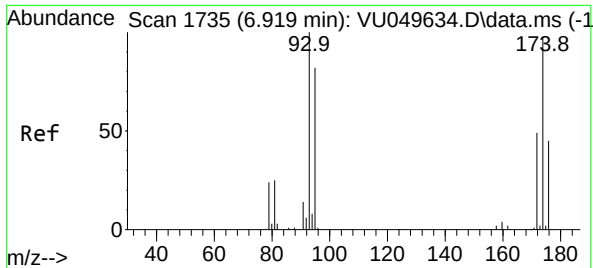
Delta R.T. -0.003 min

Lab File: VU049651.D

Acq: 07 Jul 2022 14:03

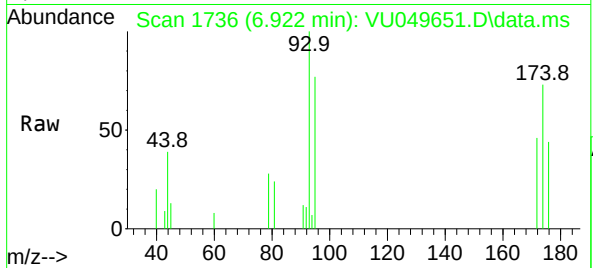
Tgt Ion: 56	Resp: 8395
Ion Ratio	Lower Upper
56 100	
41 57.8	26.4 79.2





#43
Dibromomethane
Concen: 0.429 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. 0.003 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

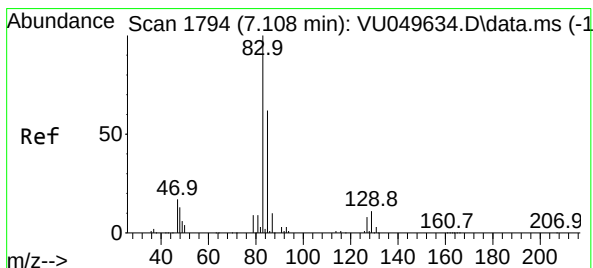
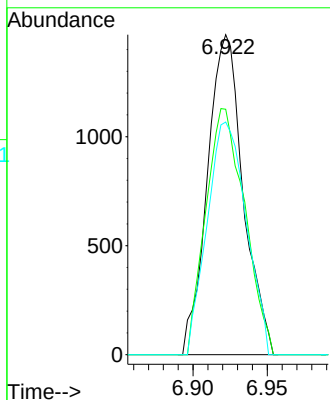
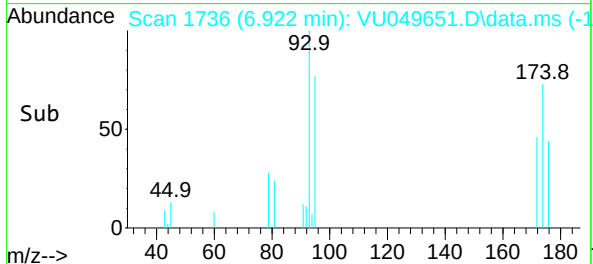
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2022



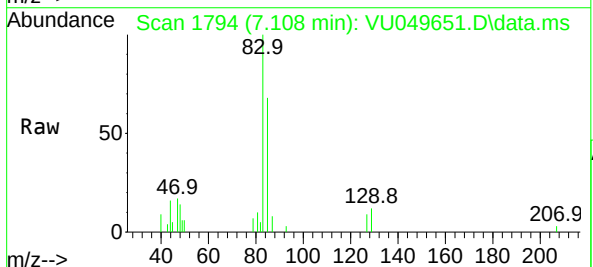
Tgt Ion: 93 Resp: 2450
Ion Ratio Lower Upper
93 100
95 83.9 65.0 97.6
174 79.4 76.3 114.5

Manual Integrations
APPROVED

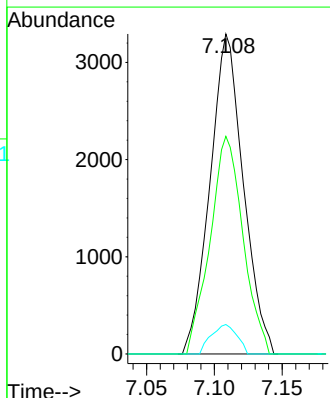
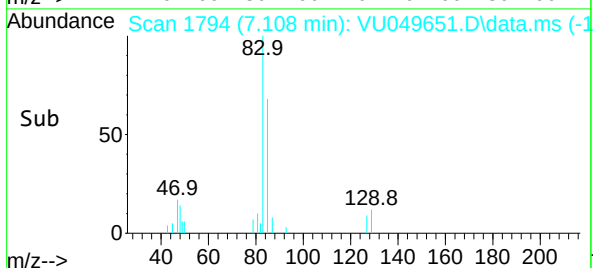
Reviewed By :Mahesh Dadoda 07/08/2022
Supervised By :Semsettin Yesilyurt 07/08/2022

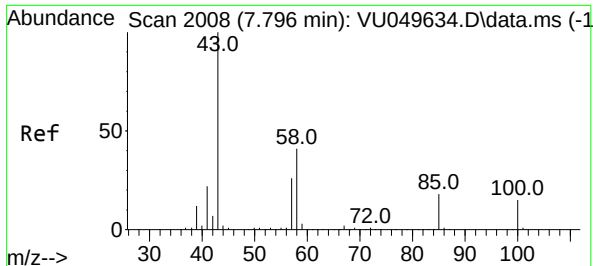


#44
Bromodichloromethane
Concen: 0.410 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03



Tgt Ion: 83 Resp: 5622
Ion Ratio Lower Upper
83 100
85 68.0 49.4 74.0
127 9.2 6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 2.029 ug/l

RT: 7.806 min Scan# 2008

Delta R.T. 0.010 min

Lab File: VU049651.D

Acq: 07 Jul 2022 14:03

Instrument :

MSVOA_U

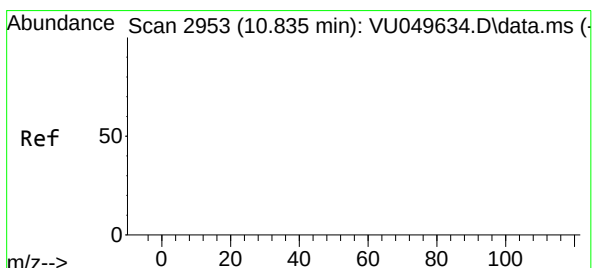
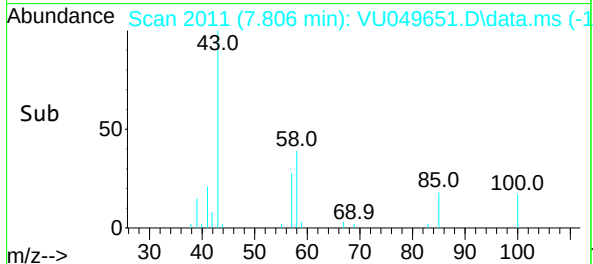
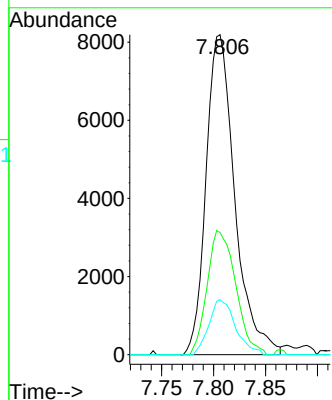
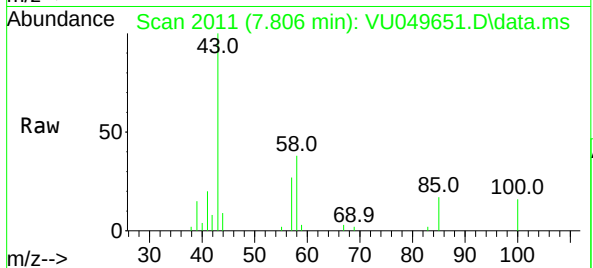
ClientSampleId :

LOQ-WATER-02-QT2-2022

Tgt Ion: 43	Resp: 15769
Ion Ratio	Lower Upper
43 100	
58 38.4	20.3 61.0
85 15.9	14.6 21.8

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/08/2022
Supervised By :Semsettin Yesilyurt 07/08/2022



#46

t-1,4-Dichloro-2-butene

Concen: 0.861 ug/l m

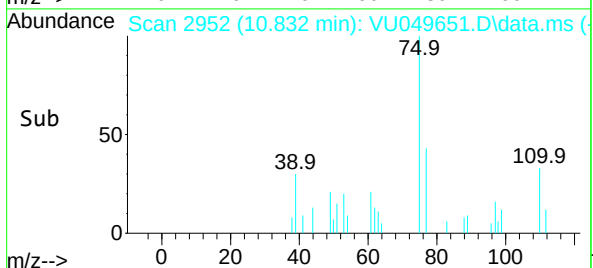
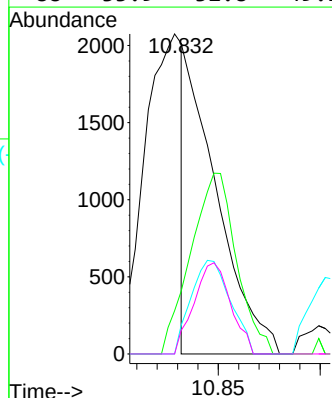
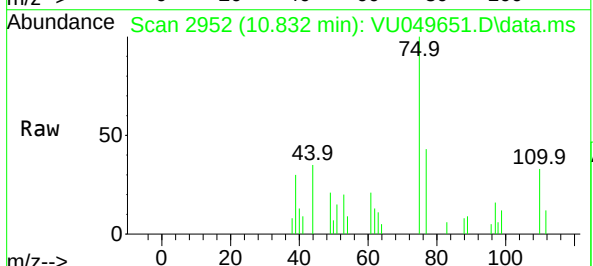
RT: 10.832 min Scan# 2952

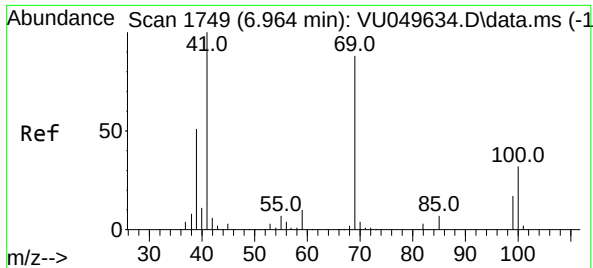
Delta R.T. -0.003 min

Lab File: VU049651.D

Acq: 07 Jul 2022 14:03

Tgt Ion: 75	Resp: 2177
Ion Ratio	Lower Upper
75 100	
53 83.6	64.4 96.6
89 37.5	44.2 66.2#
88 33.9	32.8 49.2





#47

Methyl methacrylate

Concen: 0.742 ug/l

RT: 6.977 min Scan# 1753

Delta R.T. 0.013 min

Lab File: VU049651.D

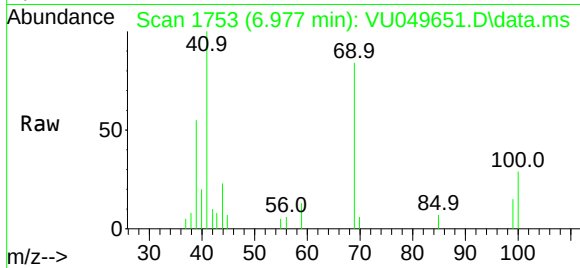
Acq: 07 Jul 2022 14:03

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2022



Tgt Ion: 69 Resp: 428

Ion Ratio Lower Upper

69 100

41 123.6 0.0 225.4

39 71.7 45.8 68.8

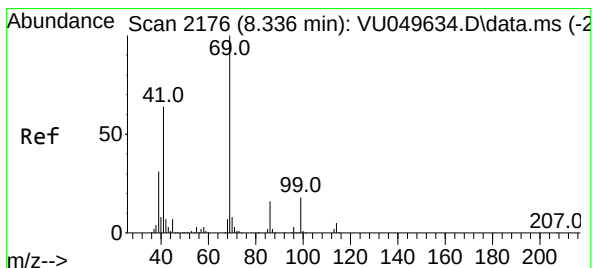
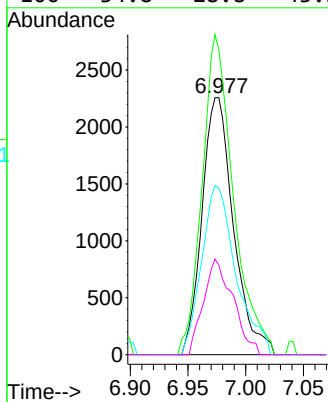
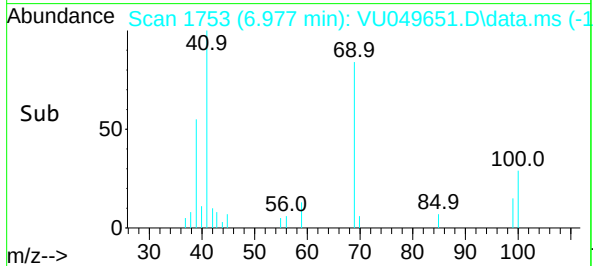
100 34.8 28.8 43.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/08/2022

Supervised By :Semsettin Yesilyurt 07/08/2022



#48

Ethyl methacrylate

Concen: 0.367 ug/l

RT: 8.343 min Scan# 2178

Delta R.T. 0.007 min

Lab File: VU049651.D

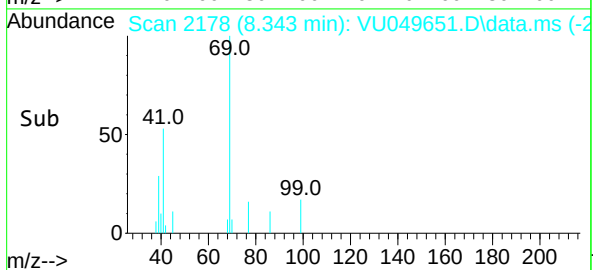
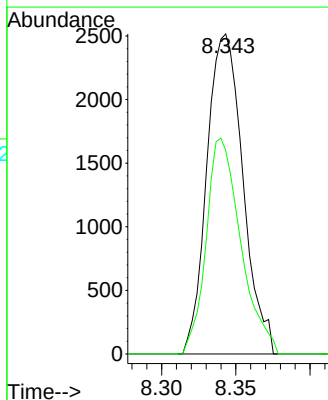
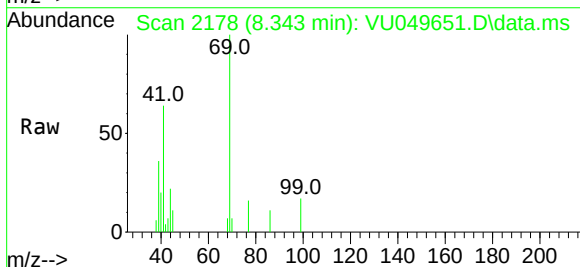
Acq: 07 Jul 2022 14:03

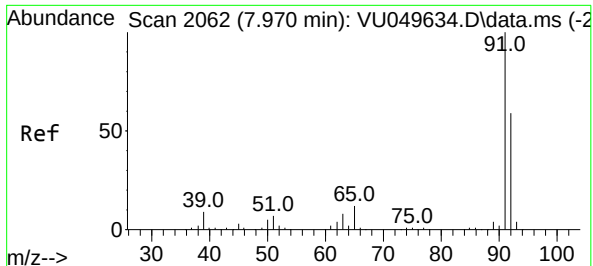
Tgt Ion: 69 Resp: 4252

Ion Ratio Lower Upper

69 100

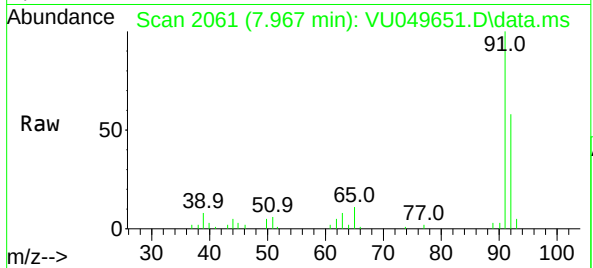
41 64.7 32.3 96.9





#49
Toluene
Concen: 0.390 ug/l
RT: 7.967 min Scan# 2062
Delta R.T. -0.003 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

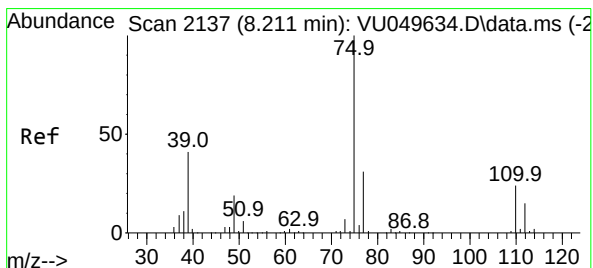
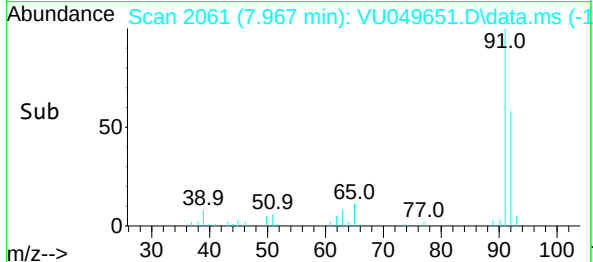
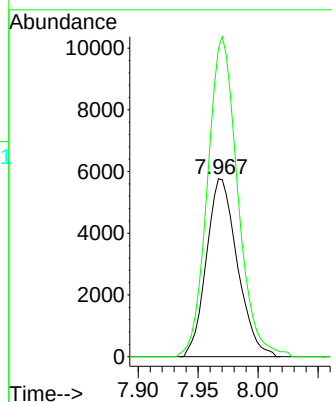
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 92 Resp: 1033
Ion Ratio Lower Upper
92 100
91 175.6 138.6 207.8

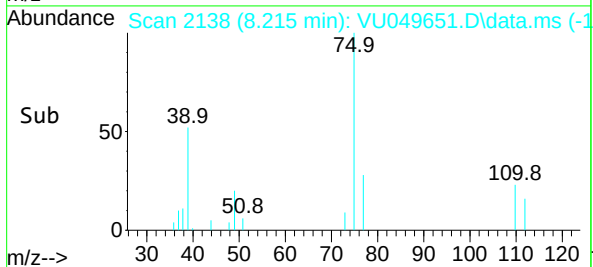
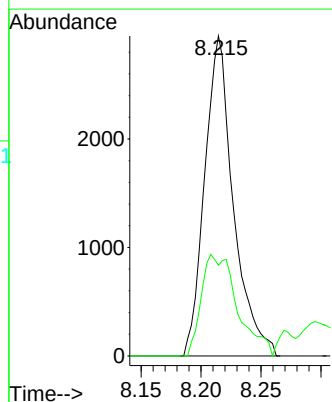
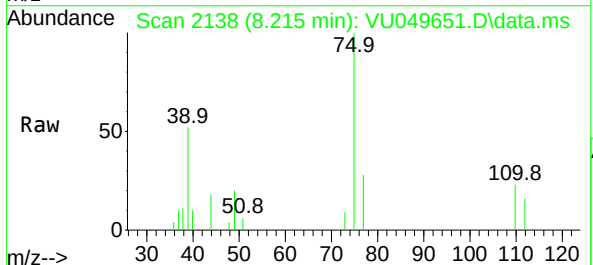
Manual Integrations
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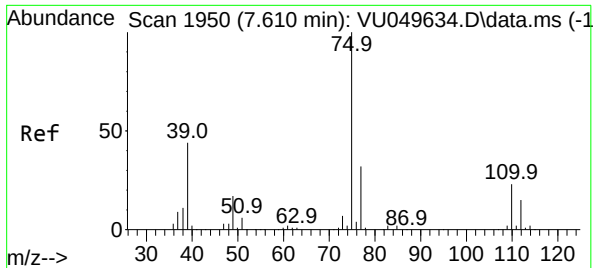
Reviewed By :Mahesh Dadoda 07/08/2022
Supervised By :Semsettin Yesilyurt 07/08/2022



#50
t-1,3-Dichloropropene
Concen: 0.370 ug/l
RT: 8.215 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

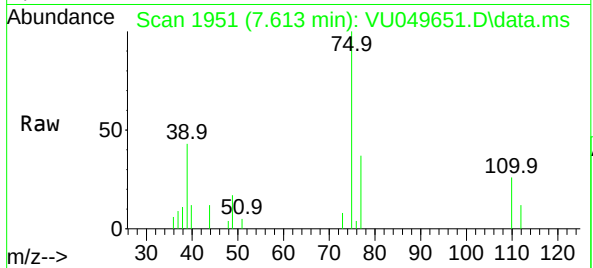
Tgt Ion: 75 Resp: 4904
Ion Ratio Lower Upper
75 100
77 28.3 24.7 37.1





#51
 cis-1,3-Dichloropropene
 Concen: 0.382 ug/l
 RT: 7.613 min Scan# 1951
 Delta R.T. 0.003 min
 Lab File: VU049651.D
 Acq: 07 Jul 2022 14:03

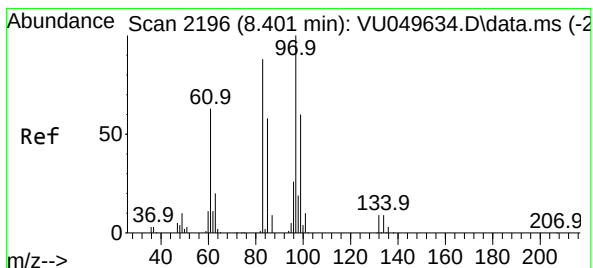
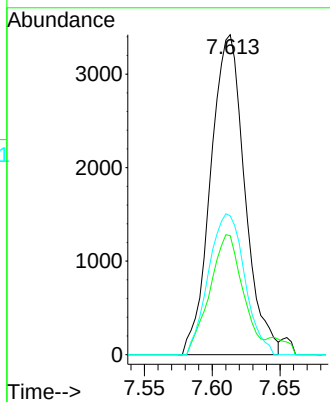
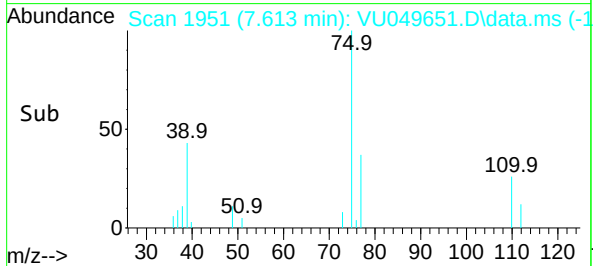
Instrument : MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2022



Tgt Ion: 75 Resp: 599
 Ion Ratio Lower Upper
 75 100
 77 37.2 25.4 38.0
 39 43.4 35.1 52.7

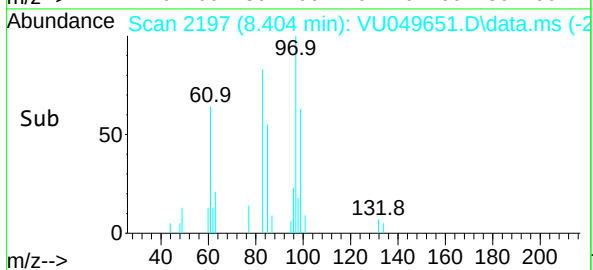
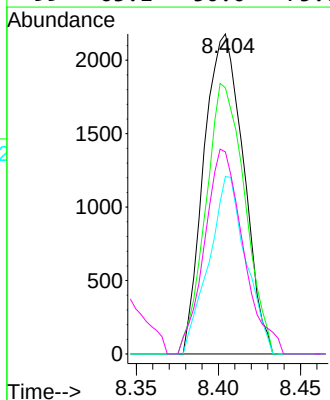
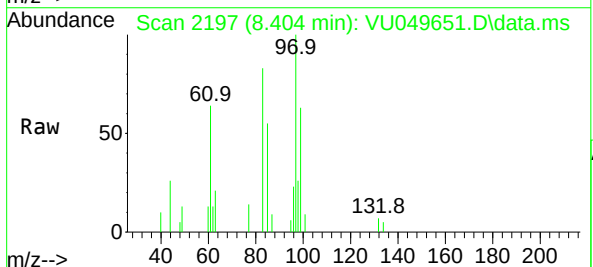
Manual Integrations
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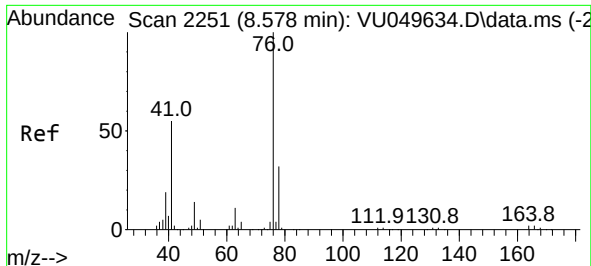
Reviewed By :Mahesh Dadoda 07/08/2022
 Supervised By :Semsettin Yesilyurt 07/08/2022



#52
 1,1,2-Trichloroethane
 Concen: 0.462 ug/l
 RT: 8.404 min Scan# 2197
 Delta R.T. 0.003 min
 Lab File: VU049651.D
 Acq: 07 Jul 2022 14:03

Tgt Ion: 97 Resp: 3648
 Ion Ratio Lower Upper
 97 100
 83 83.2 70.6 106.0
 85 55.4 46.2 69.4
 99 63.1 50.0 75.0





#53

1,3-Dichloropropane

Concen: 0.401 ug/l

RT: 8.581 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU049651.D

Acq: 07 Jul 2022 14:03

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2022

Tgt Ion: 76 Resp: 568

Ion Ratio Lower Upper

76 100

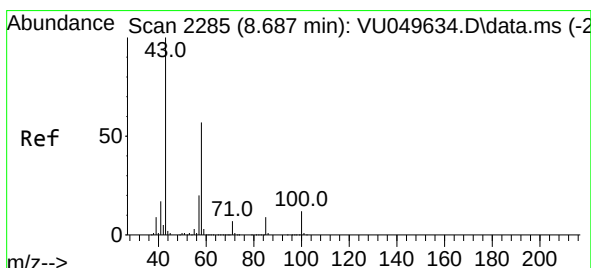
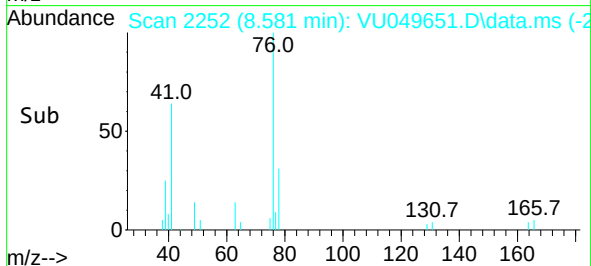
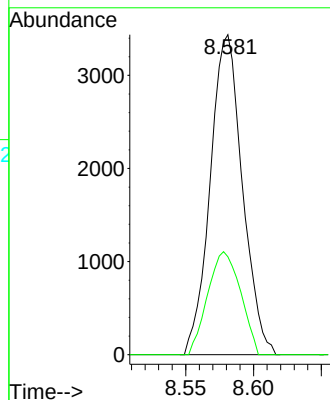
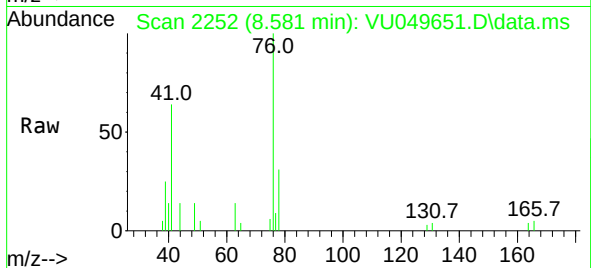
78 32.8 26.0 39.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/08/2022

Supervised By :Semsettin Yesilyurt 07/08/2022



#54

2-Hexanone

Concen: 1.999 ug/l

RT: 8.697 min Scan# 2288

Delta R.T. 0.010 min

Lab File: VU049651.D

Acq: 07 Jul 2022 14:03

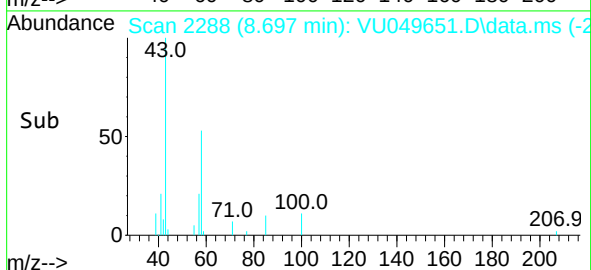
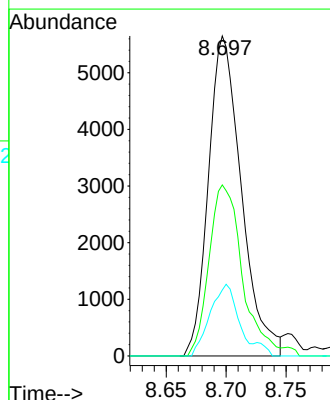
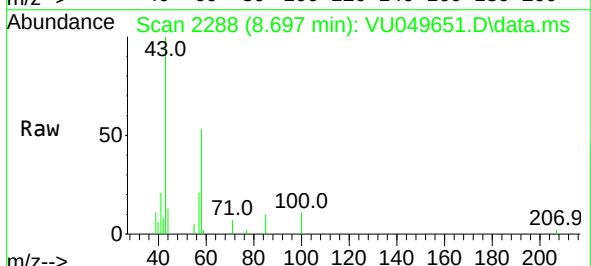
Tgt Ion: 43 Resp: 10793

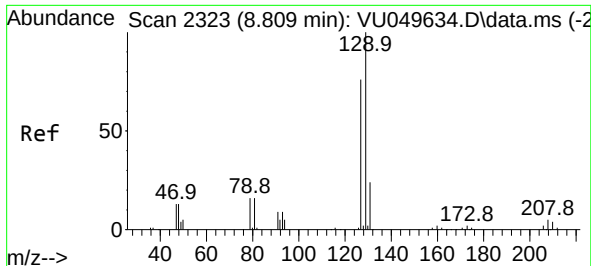
Ion Ratio Lower Upper

43 100

58 54.7 37.1 77.1

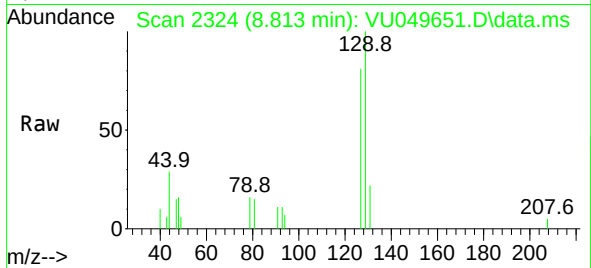
57 20.3 0.0 39.5





#55
Dibromochloromethane
Concen: 0.416 ug/l
RT: 8.813 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

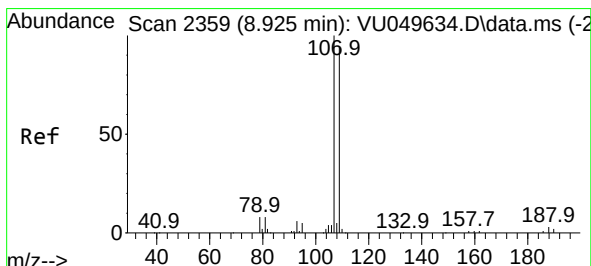
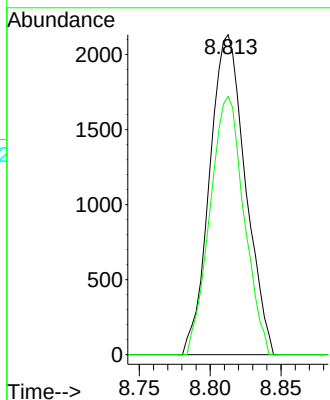
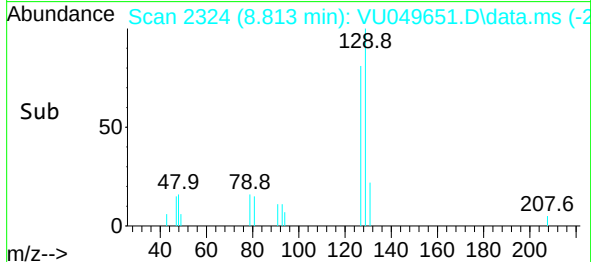
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2022



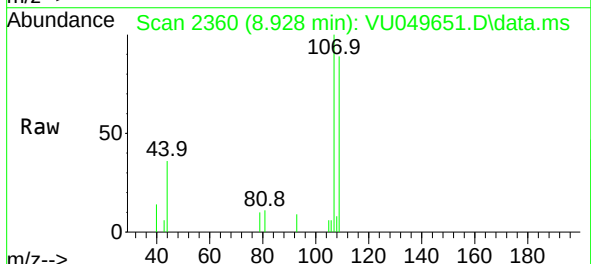
Tgt Ion:129 Resp: 3752
Ion Ratio Lower Upper
129 100
127 76.4 61.2 91.8

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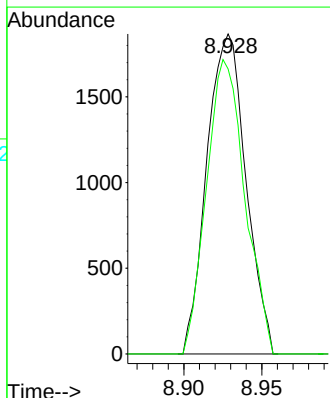
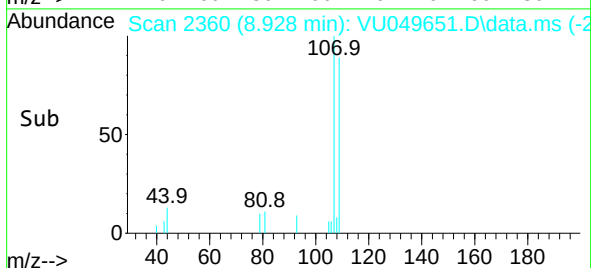
Reviewed By :Mahesh Dadoda 07/08/2022
Supervised By :Semsettin Yesilyurt 07/08/2022

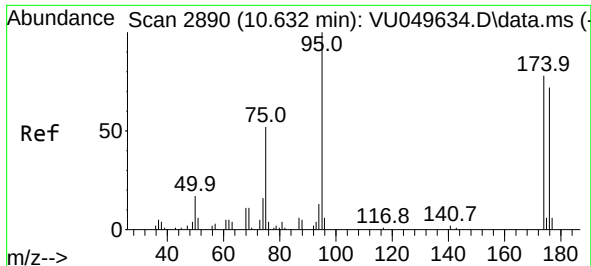


#56
1,2-Dibromoethane
Concen: 0.426 ug/l
RT: 8.928 min Scan# 2360
Delta R.T. 0.003 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03



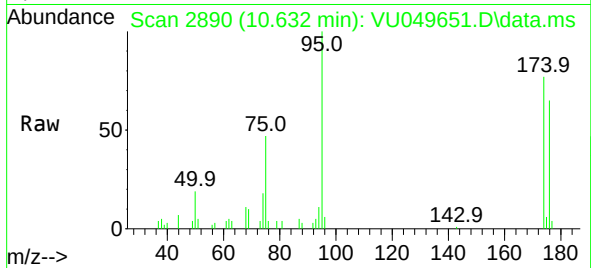
Tgt Ion:107 Resp: 3259
Ion Ratio Lower Upper
107 100
109 90.4 0.0 187.2





#57
4-Bromofluorobenzene
Concen: 0.975 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

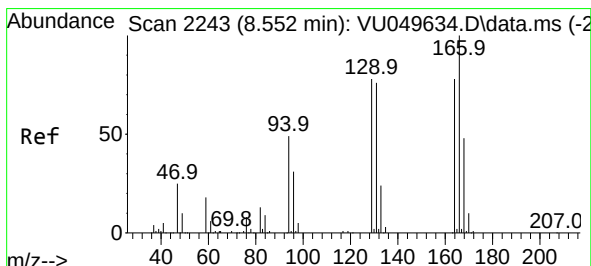
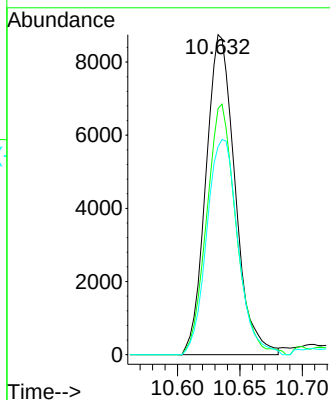
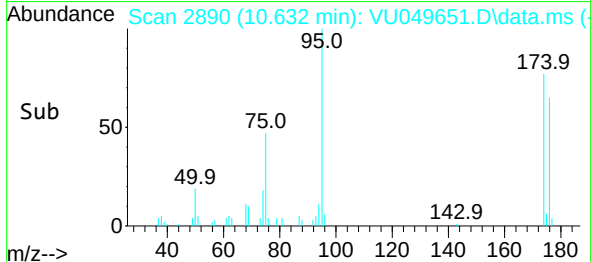
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2022



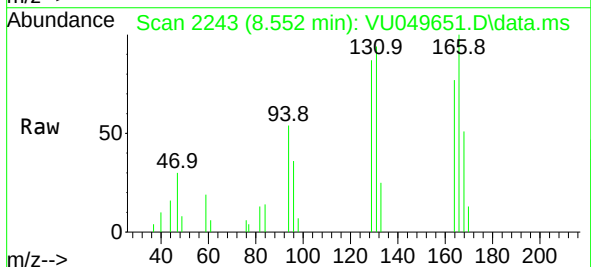
Tgt Ion: 95 Resp: 14254
Ion Ratio Lower Upper
95 100
174 78.7 62.4 93.6
176 71.9 56.2 84.2

Manual Integrations
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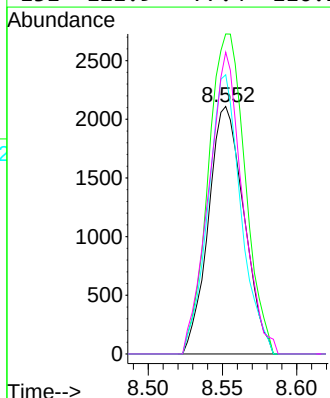
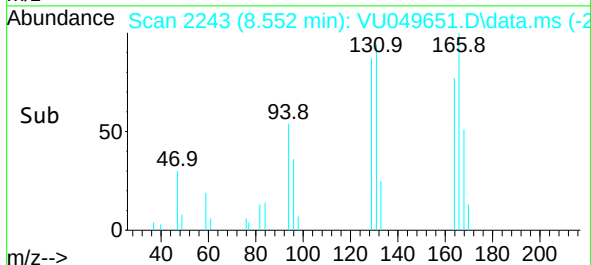
Reviewed By :Mahesh Dadoda 07/08/2022
Supervised By :Semsettin Yesilyurt 07/08/2022

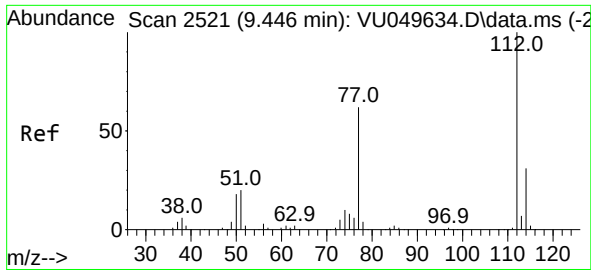


#58
Tetrachloroethene
Concen: 0.385 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03



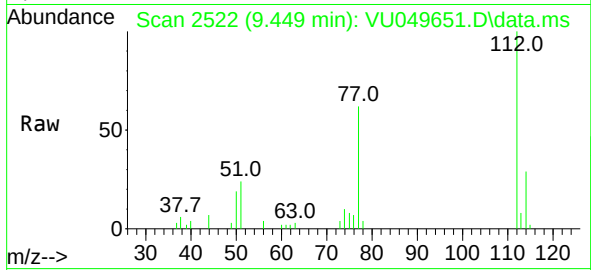
Tgt Ion:164 Resp: 3513
Ion Ratio Lower Upper
164 100
166 129.3 102.4 153.6
129 112.8 79.5 119.3
131 121.9 77.4 116.2#





#59
Chlorobenzene
Concen: 0.398 ug/l
RT: 9.449 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

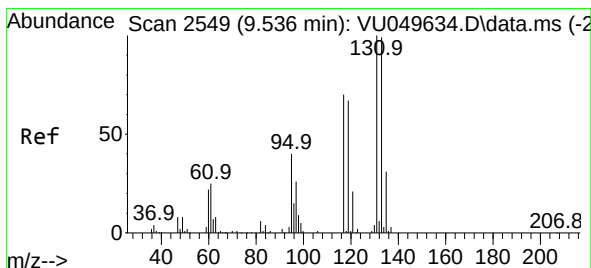
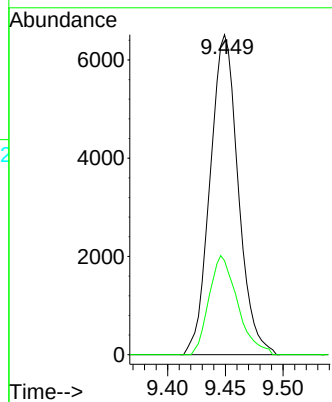
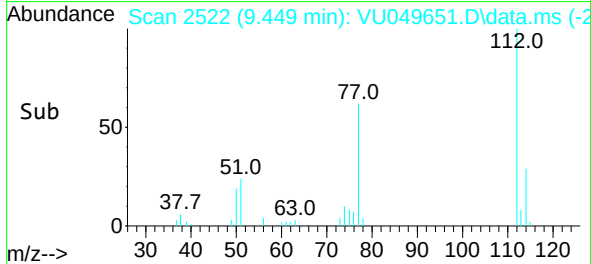
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2022



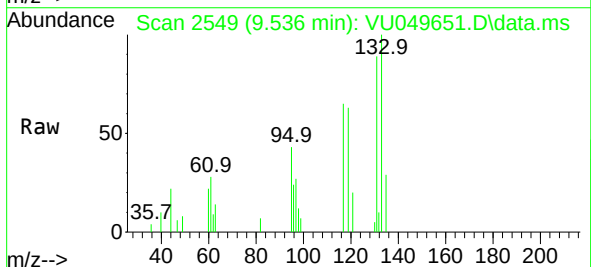
Tgt Ion:112 Resp: 1104
Ion Ratio Lower Upper
112 100
114 29.4 24.9 37.3

Manual Integrations
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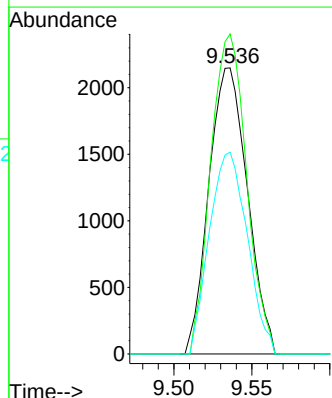
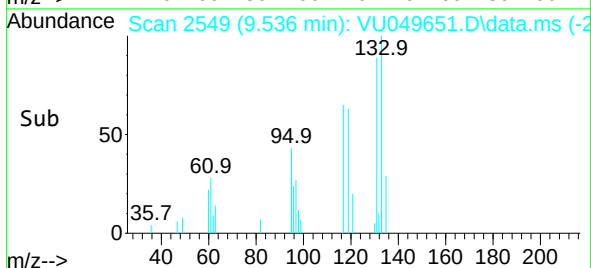
Reviewed By :Mahesh Dadoda 07/08/2022
Supervised By :Semsettin Yesilyurt 07/08/2022

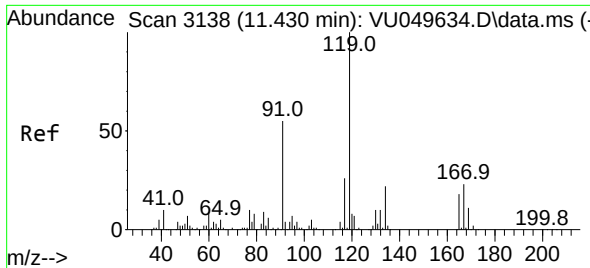


#60
1,1,1,2-Tetrachloroethane
Concen: 0.374 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03



Tgt Ion:131 Resp: 3694
Ion Ratio Lower Upper
131 100
133 104.3 78.3 117.5
119 69.4 53.2 79.8





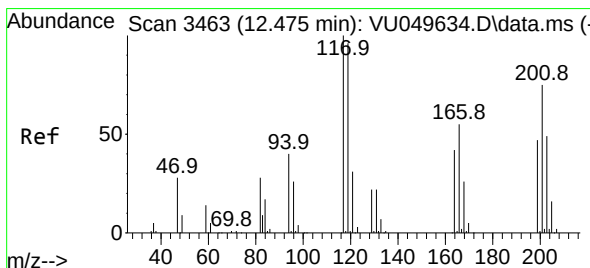
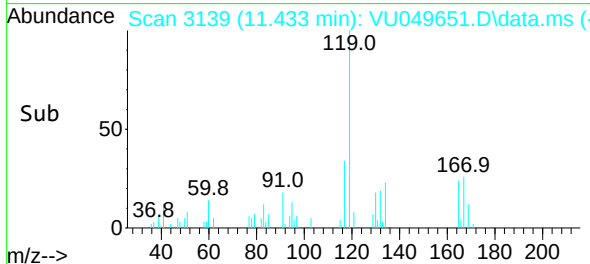
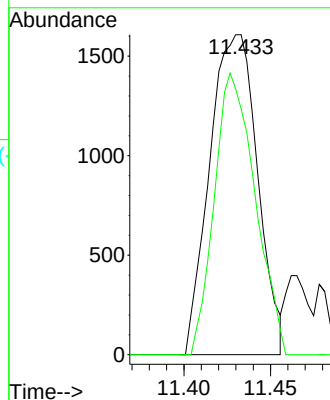
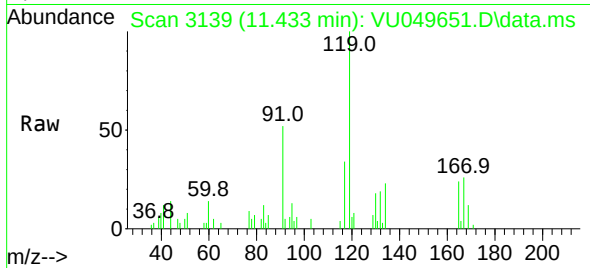
#61
 Pentachloroethane
 Concen: 0.408 ug/l
 RT: 11.433 min Scan# 3138
 Delta R.T. 0.003 min
 Lab File: VU049651.D
 Acq: 07 Jul 2022 14:03

Instrument : MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2022

Tgt Ion:117 Resp: 3092
 Ion Ratio Lower Upper
 117 100
 167 74.9 66.2 99.4

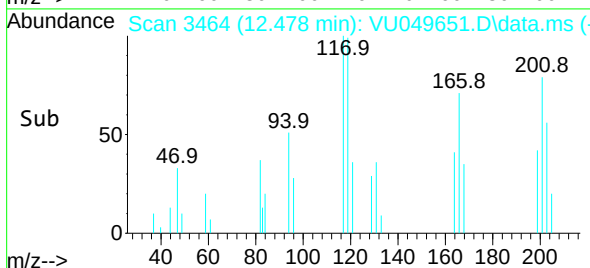
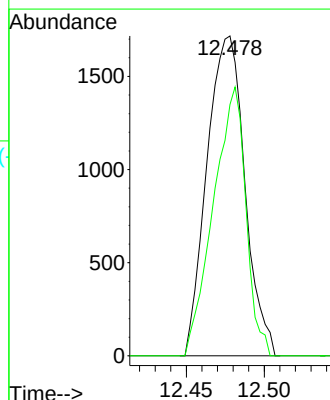
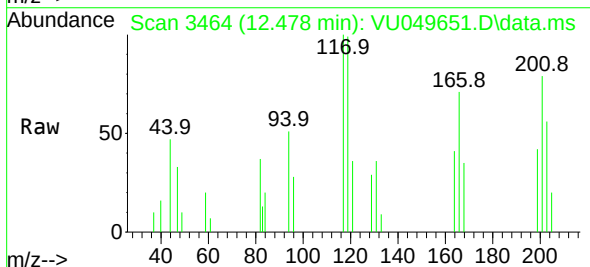
Manual Integrations
 APPROVED

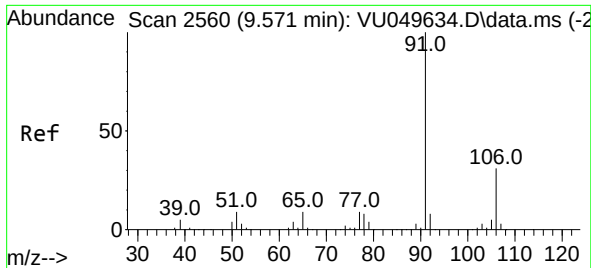
Reviewed By :Mahesh Dadoda 07/08/2022
 Supervised By :Semsettin Yesilyurt 07/08/2022



#62
 Hexachloroethane
 Concen: 0.383 ug/l
 RT: 12.478 min Scan# 3464
 Delta R.T. 0.003 min
 Lab File: VU049651.D
 Acq: 07 Jul 2022 14:03

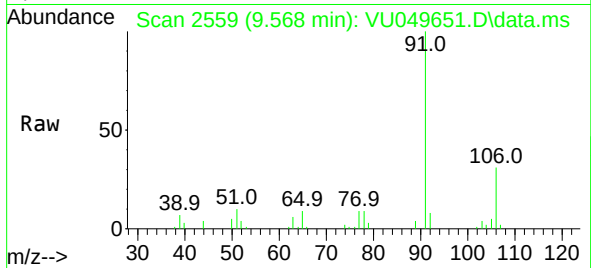
Tgt Ion:117 Resp: 2904
 Ion Ratio Lower Upper
 117 100
 201 72.1 61.0 91.4





#63
Ethyl Benzene
Concen: 0.370 ug/l
RT: 9.568 min Scan# 2559
Delta R.T. -0.003 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

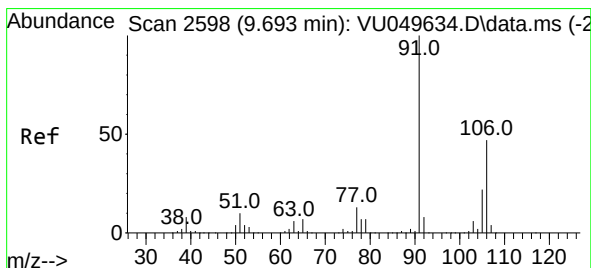
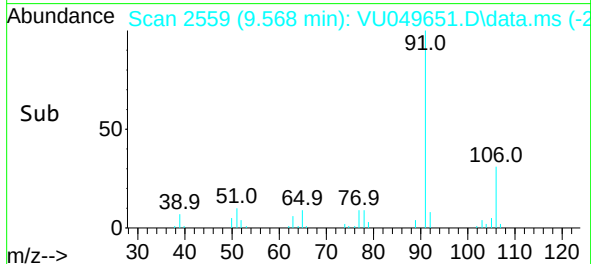
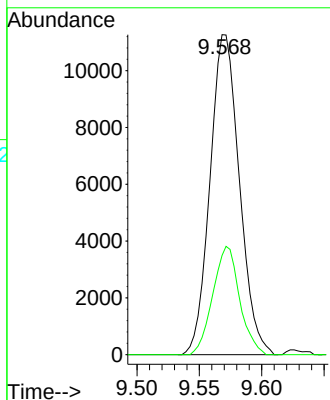
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2022



Tgt Ion: 91 Resp: 1848
Ion Ratio Lower Upper
91 100
106 31.0 24.4 36.6

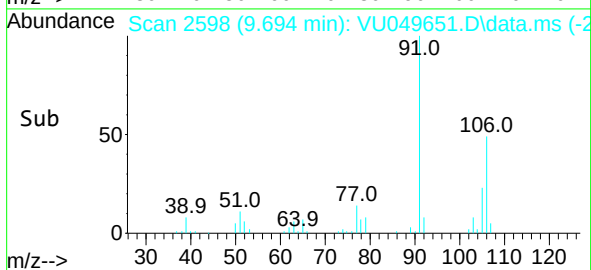
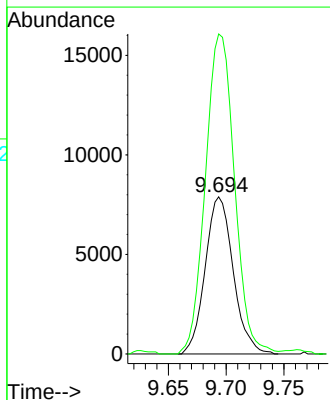
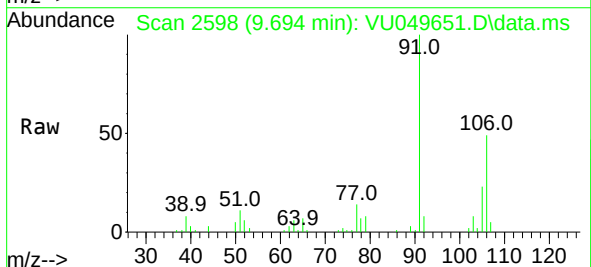
Manual Integrations
APPROVED

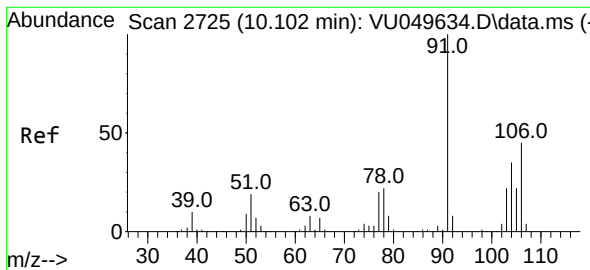
Reviewed By :Mahesh Dadoda 07/08/2022
Supervised By :Semsettin Yesilyurt 07/08/2022



#64
m/p-Xylenes
Concen: 0.722 ug/l
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

Tgt Ion:106 Resp: 13323
Ion Ratio Lower Upper
106 100
91 211.3 167.8 251.6





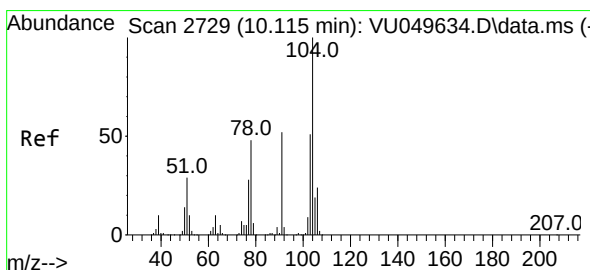
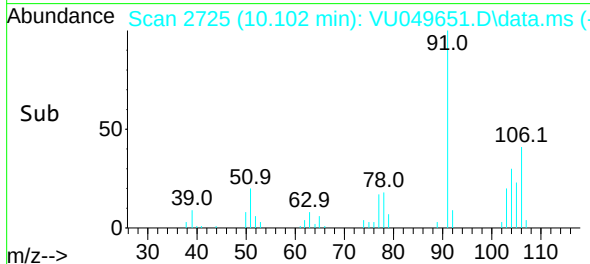
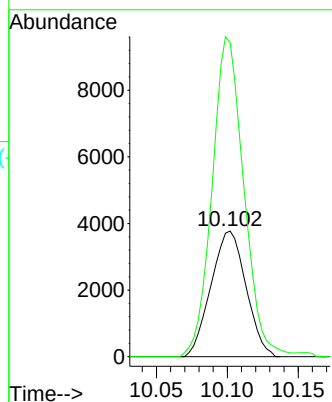
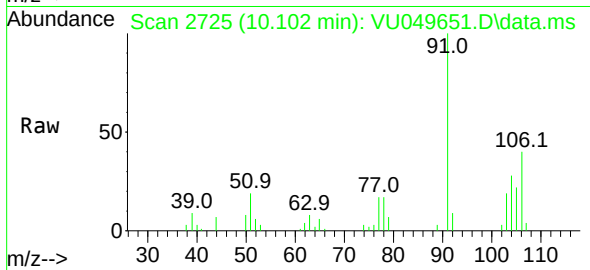
#65
o-Xylene
Concen: 0.357 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2022

Tgt Ion:106 Resp: 6488
Ion Ratio Lower Upper
106 100
91 230.2 111.1 333.2

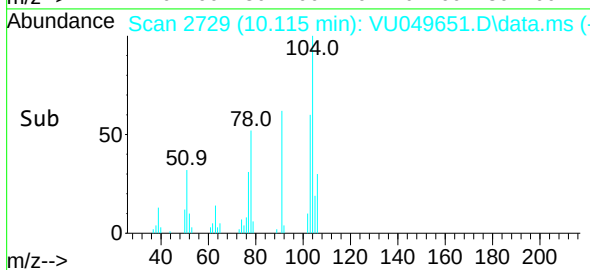
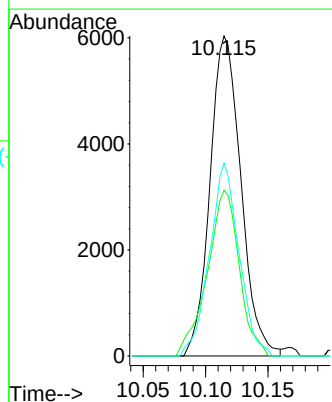
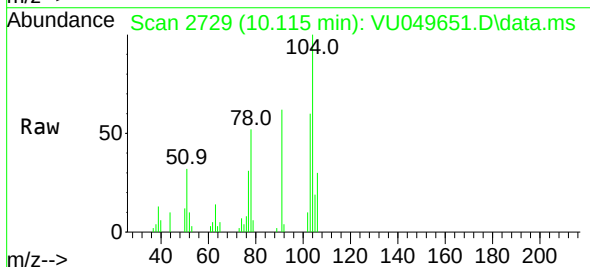
Manual Integrations
APPROVED

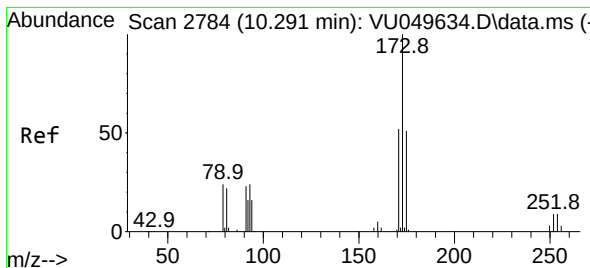
Reviewed By :Mahesh Dadoda 07/08/2022
Supervised By :Semsettin Yesilyurt 07/08/2022



#66
Styrene
Concen: 0.358 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

Tgt Ion:104 Resp: 10432
Ion Ratio Lower Upper
104 100
78 53.4 42.1 63.1
103 57.6 44.5 66.7





#67

Bromoform

Concen: 0.360 ug/l

RT: 10.292 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU049651.D

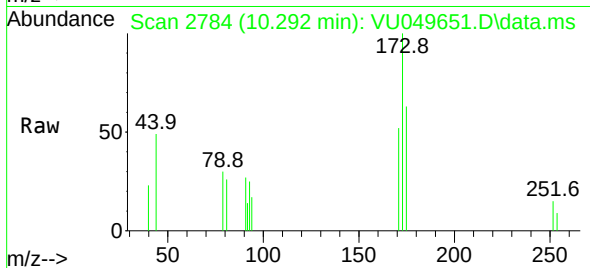
Acq: 07 Jul 2022 14:03

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2022

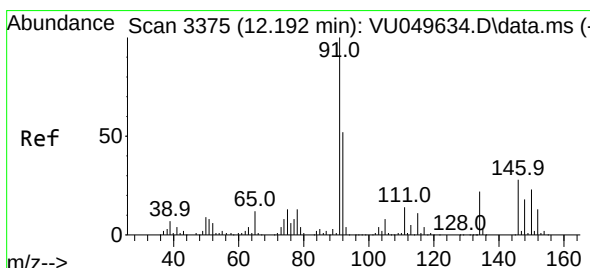
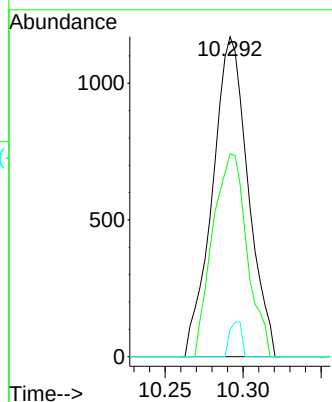
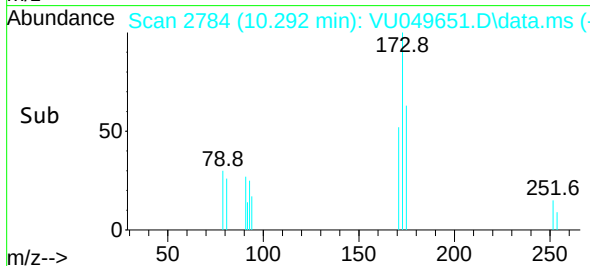


Tgt Ion:	173	Resp:	185
Ion Ratio	Lower	Upper	
173	100		
175	61.1	38.4	57.6
254	3.7	7.7	11.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/08/2022
Supervised By :Semsettin Yesilyurt 07/08/2022



#68

1,2-Dichlorobenzene-d4

Concen: 1.094 ug/l

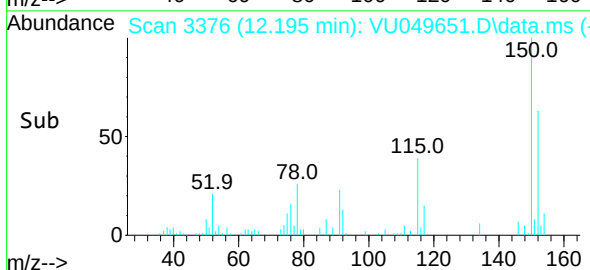
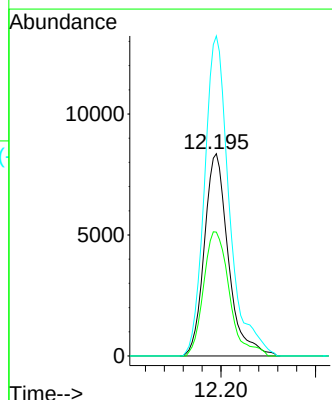
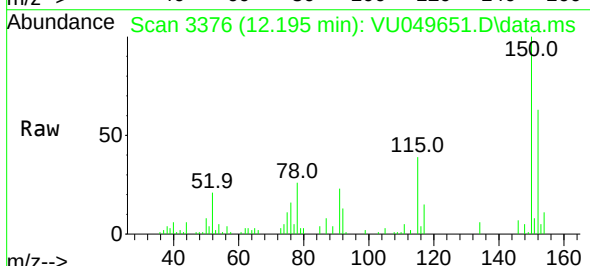
RT: 12.195 min Scan# 3376

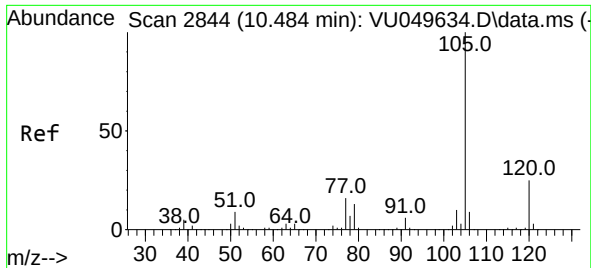
Delta R.T. 0.003 min

Lab File: VU049651.D

Acq: 07 Jul 2022 14:03

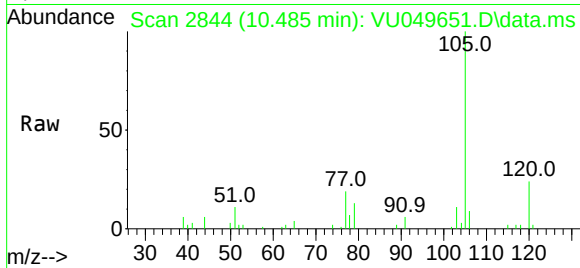
Tgt Ion:	152	Resp:	14734
Ion Ratio	Lower	Upper	
152	100		
115	66.1	0.0	254.6
150	163.2	0.0	623.6





#69
Isopropylbenzene
Concen: 0.366 ug/l
RT: 10.485 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

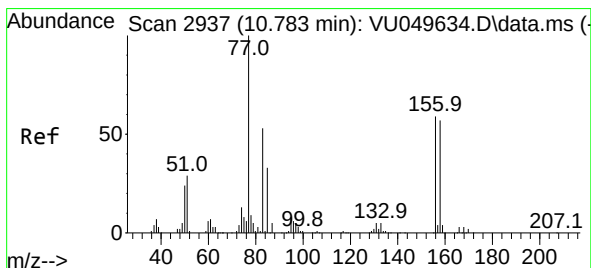
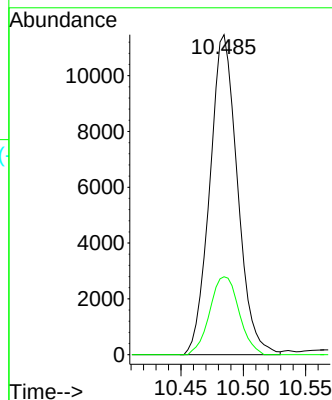
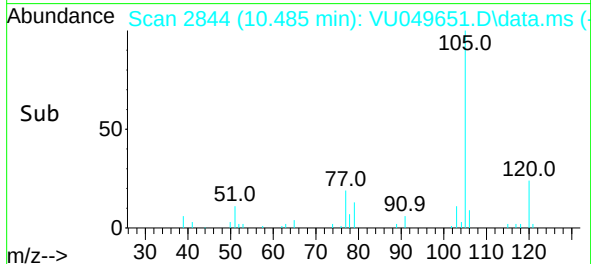
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2022



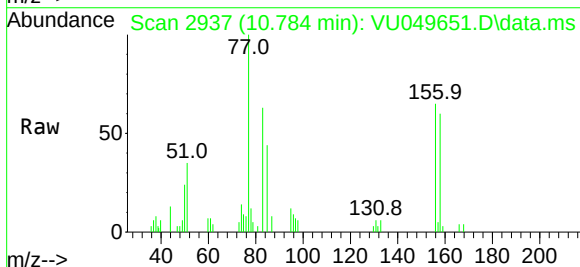
Tgt Ion:105 Resp: 17744
Ion Ratio Lower Upper
105 100
120 25.7 12.6 37.8

Manual Integrations
APPROVED

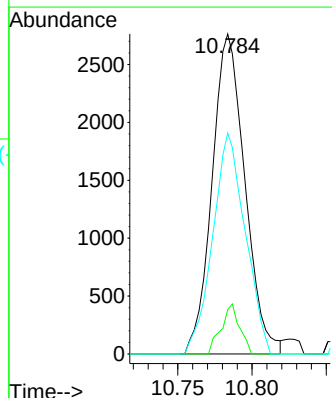
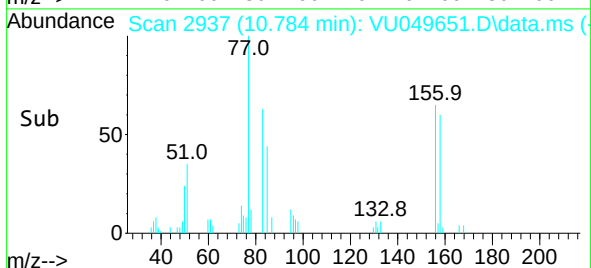
Reviewed By :Mahesh Dadoda 07/08/2022
Supervised By :Semsettin Yesilyurt 07/08/2022

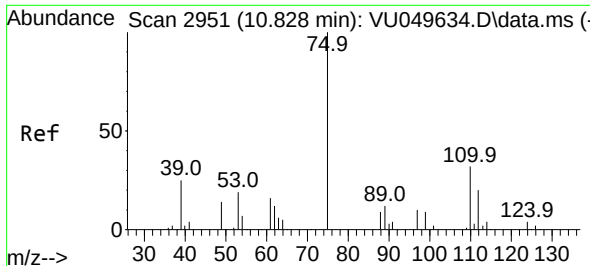


#70
1,1,2,2-Tetrachloroethane
Concen: 0.413 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03



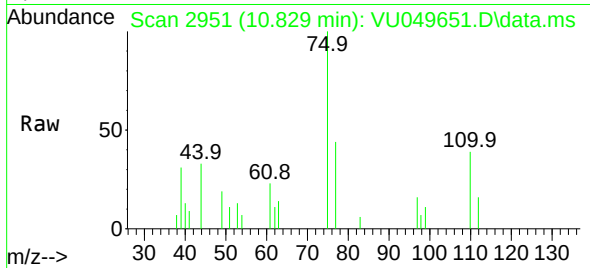
Tgt Ion: 83 Resp: 4244
Ion Ratio Lower Upper
83 100
131 8.8 7.7 11.5
85 68.4 51.2 76.8





#71
1,2,3-Trichloropropane
Concen: 0.389 ug/l m
RT: 10.829 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

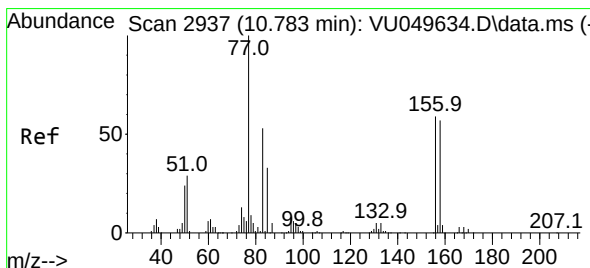
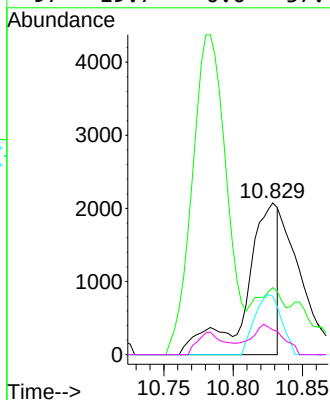
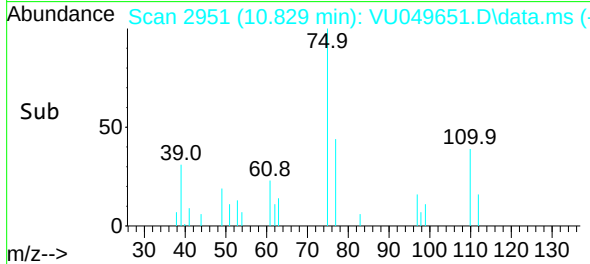
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:	75	Resp:	3308
Ion	Ratio	Lower	Upper
75	100		
77	11.5	0.0	112.4
110	33.4	0.0	70.6
97	19.7	0.0	37.4

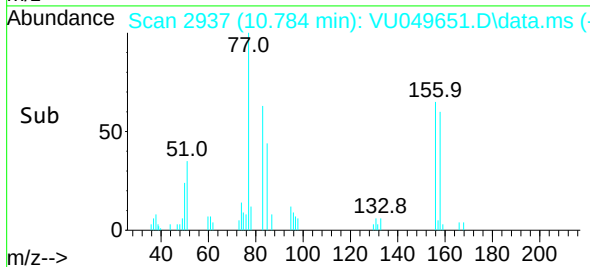
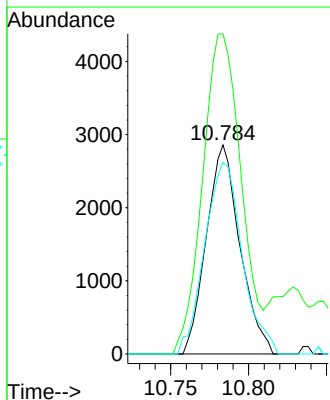
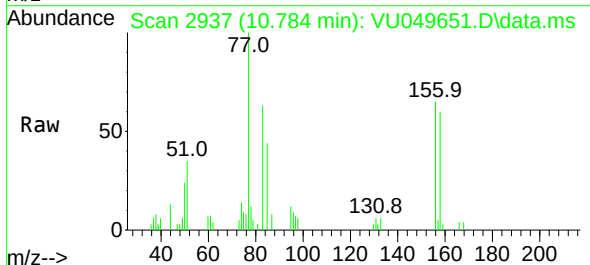
Manual Integrations
APPROVED

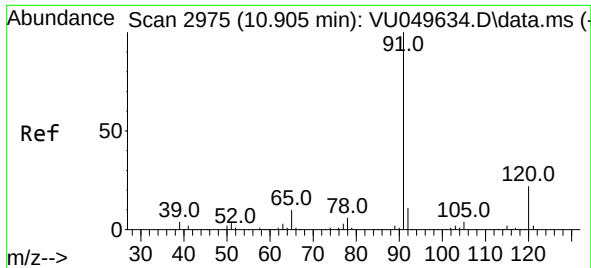
Reviewed By :Mahesh Dadoda 07/08/2022
Supervised By :Semsettin Yesilyurt 07/08/2022



#72
Bromobenzene
Concen: 0.392 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

Tgt Ion:	156	Resp:	4277
Ion	Ratio	Lower	Upper
156	100		
77	176.0	0.0	344.4
158	102.4	0.0	192.2





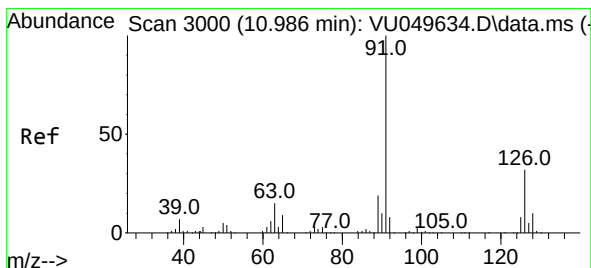
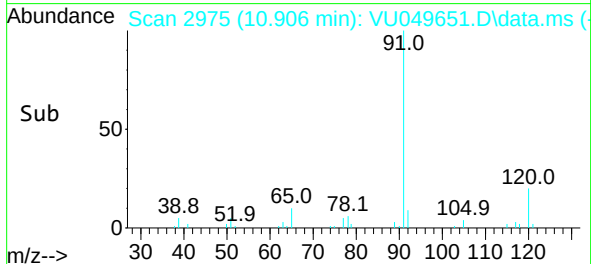
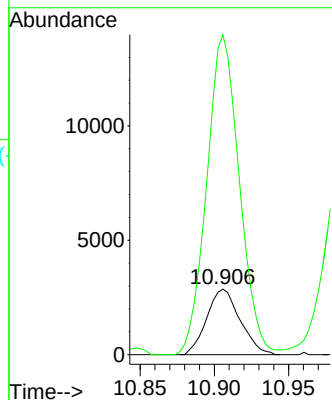
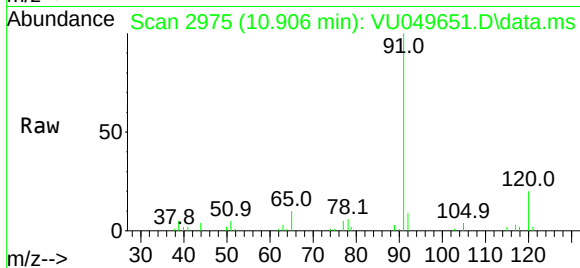
#73
n-propylbenzene
Concen: 0.365 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion:120 Resp: 4470
Ion Ratio Lower Upper
120 100
91 478.7 367.8 551.6

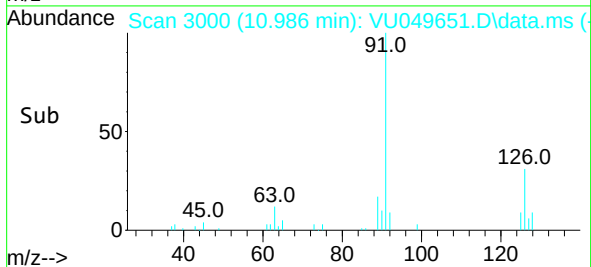
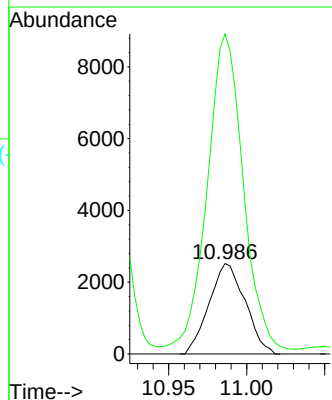
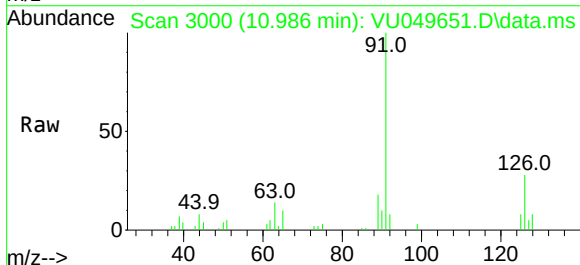
Manual Integrations
APPROVED

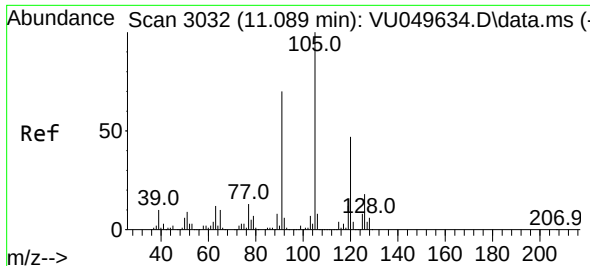
Reviewed By :Mahesh Dadoda 07/08/2022
Supervised By :Semsettin Yesilyurt 07/08/2022



#74
2-Chlorotoluene
Concen: 0.371 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

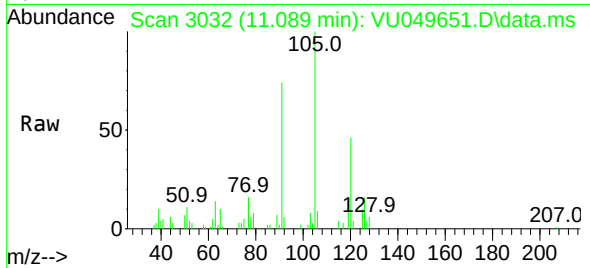
Tgt Ion:126 Resp: 4045
Ion Ratio Lower Upper
126 100
91 349.2 0.0 620.6





#75
1,3,5-Trimethylbenzene
Concen: 0.332 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

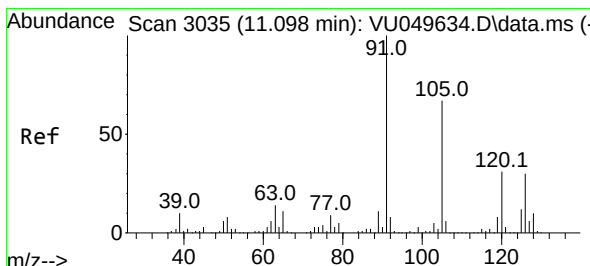
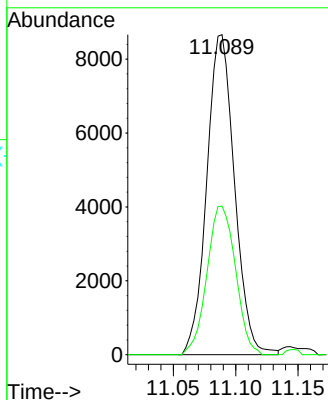
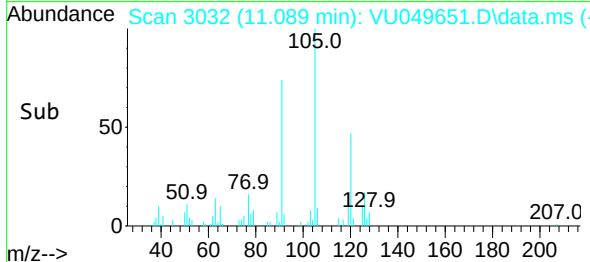
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:105 Resp: 13449
Ion Ratio Lower Upper
105 100
120 47.6 37.6 56.4

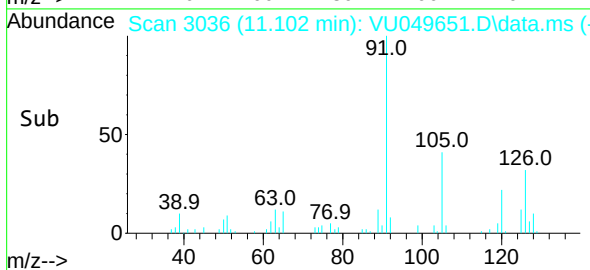
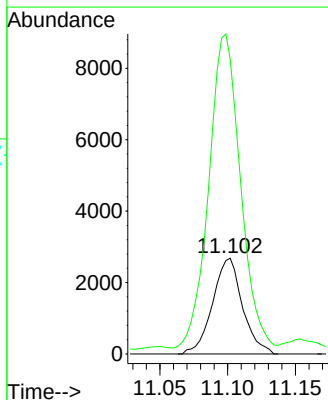
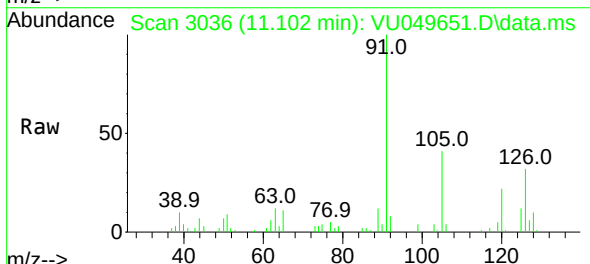
Manual Integrations
APPROVED

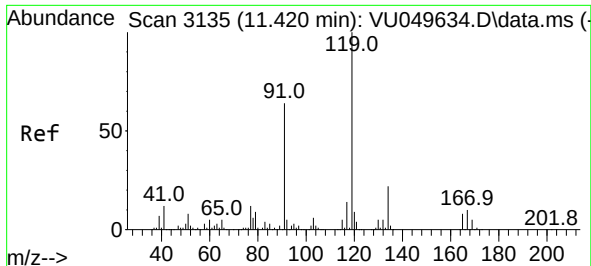
Reviewed By :Mahesh Dadoda 07/08/2022
Supervised By :Semsettin Yesilyurt 07/08/2022



#76
4-Chlorotoluene
Concen: 0.375 ug/l
RT: 11.102 min Scan# 3036
Delta R.T. 0.003 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

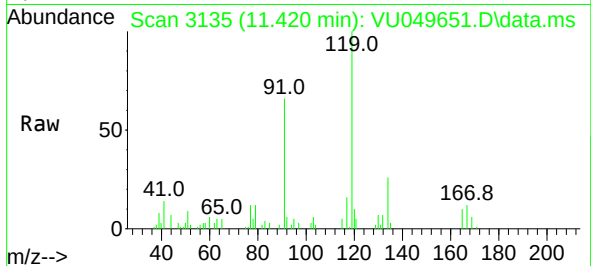
Tgt Ion:126 Resp: 4105
Ion Ratio Lower Upper
126 100
91 353.0 0.0 738.8





#77
tert-Butylbenzene
Concen: 0.372 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

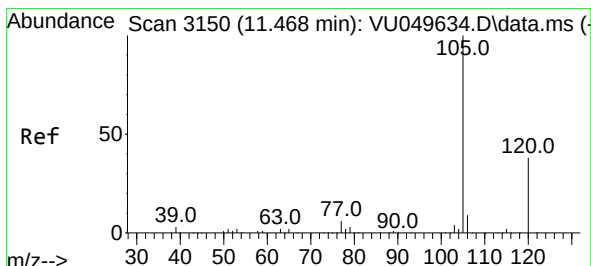
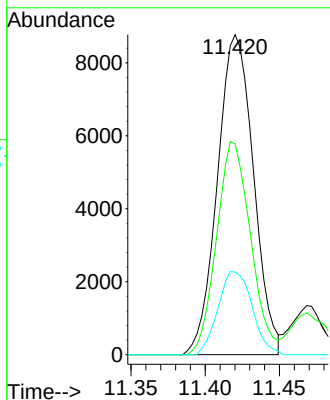
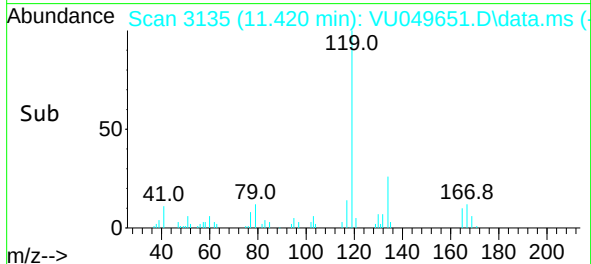
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2022



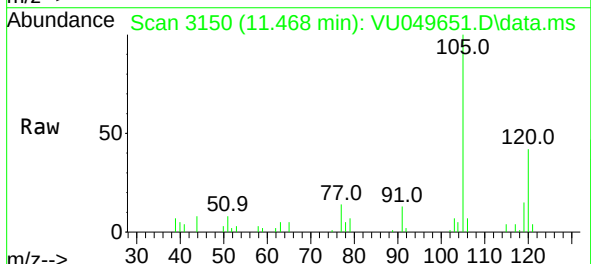
Tgt Ion:119 Resp: 14844
Ion Ratio Lower Upper
119 100
91 62.8 30.4 91.3
134 24.5 17.8 26.6

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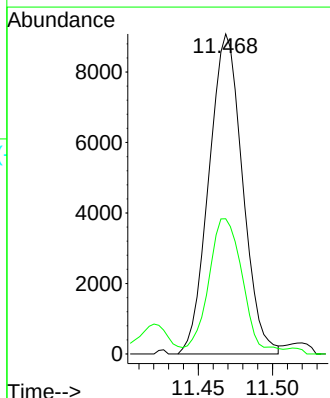
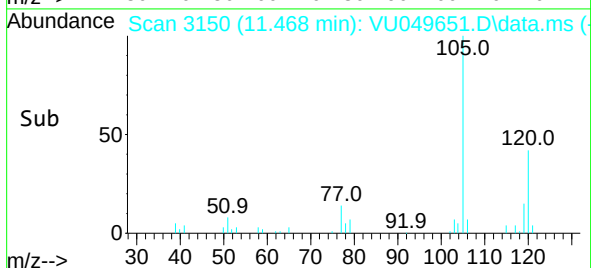
Reviewed By :Mahesh Dadoda 07/08/2022
Supervised By :Semsettin Yesilyurt 07/08/2022

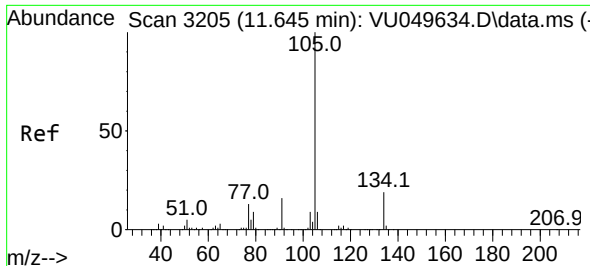


#78
1,2,4-Trimethylbenzene
Concen: 0.352 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03



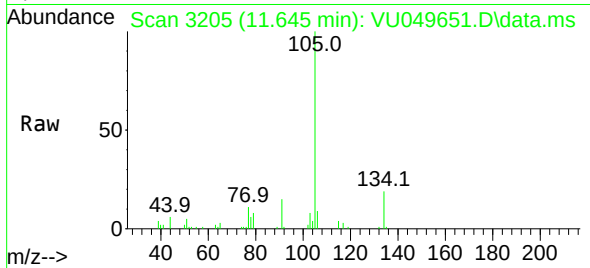
Tgt Ion:105 Resp: 14317
Ion Ratio Lower Upper
105 100
120 40.1 21.6 65.0





#79
 sec-Butylbenzene
 Concen: 0.353 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU049651.D
 Acq: 07 Jul 2022 14:03

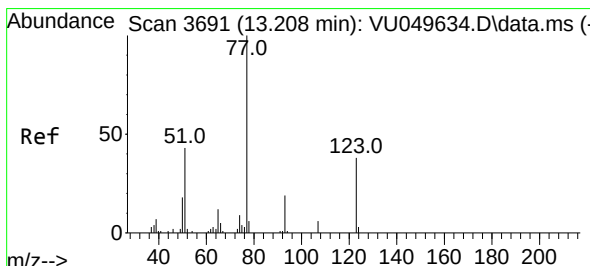
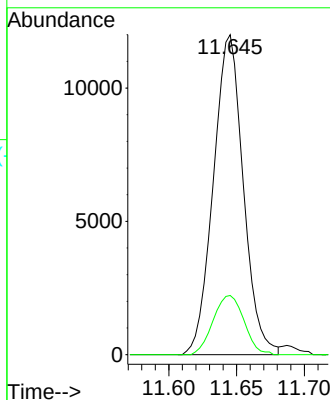
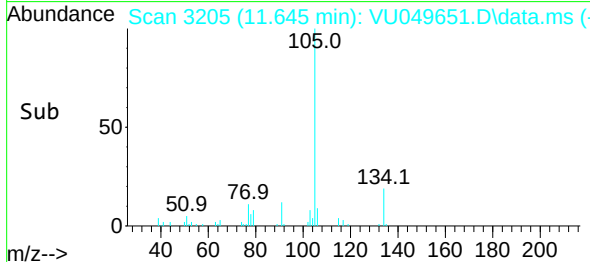
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2022



Tgt Ion:105 Resp: 1845
 Ion Ratio Lower Upper
 105 100
 134 19.1 15.4 23.0

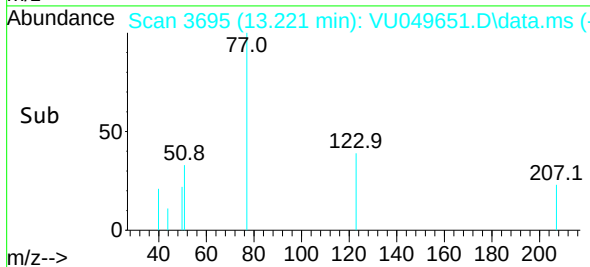
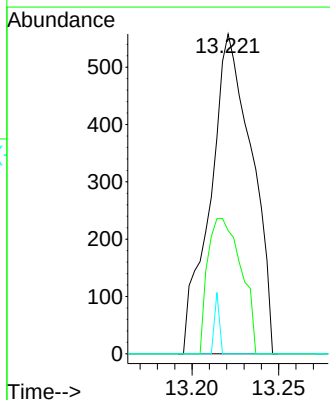
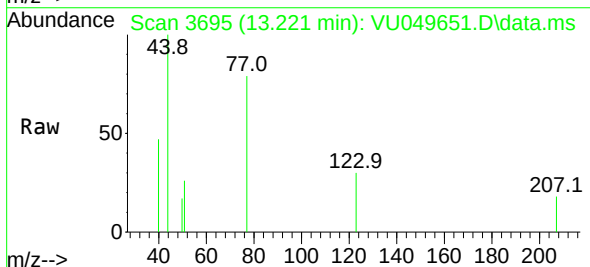
Manual Integrations
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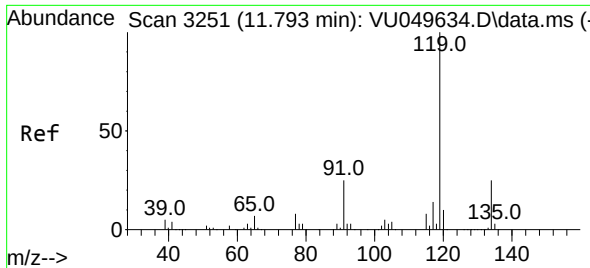
Reviewed By :Mahesh Dadoda 07/08/2022
 Supervised By :Semsettin Yesilyurt 07/08/2022



#80
 Nitrobenzene
 Concen: 2.219 ug/l
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.013 min
 Lab File: VU049651.D
 Acq: 07 Jul 2022 14:03

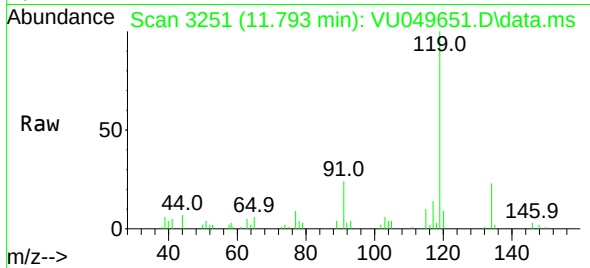
Tgt Ion: 77 Resp: 932
 Ion Ratio Lower Upper
 77 100
 123 33.9 18.1 64.3
 65 2.3 10.8 13.8#





#81
p-Isopropyltoluene
Concen: 0.358 ug/l
RT: 11.793 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

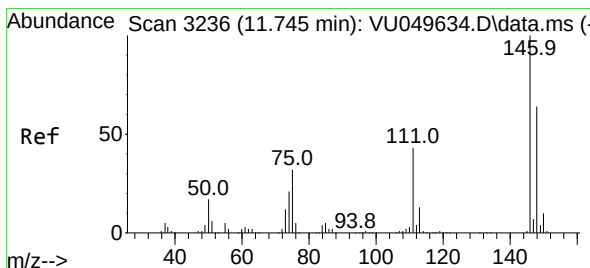
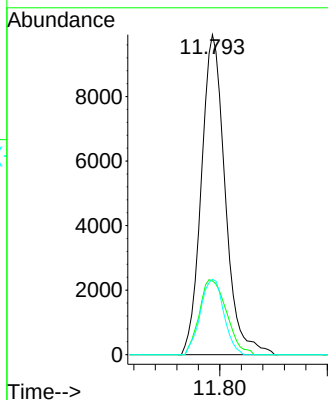
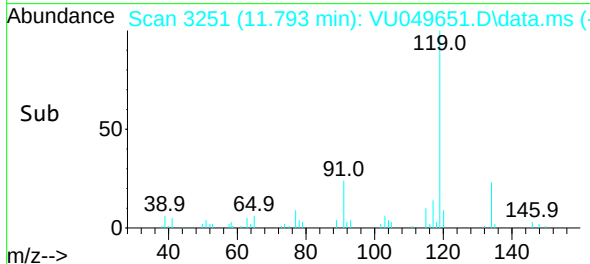
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2022



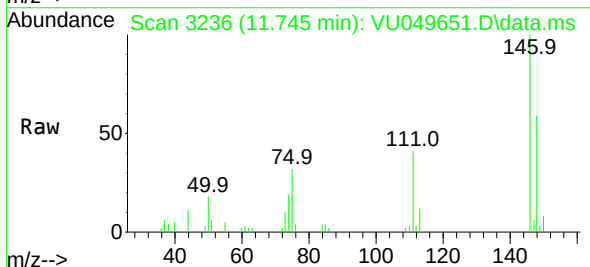
Tgt Ion:119 Resp: 15210
Ion Ratio Lower Upper
119 100
134 26.8 20.5 30.7
91 23.2 19.8 29.6

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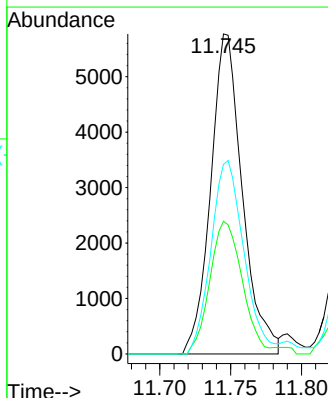
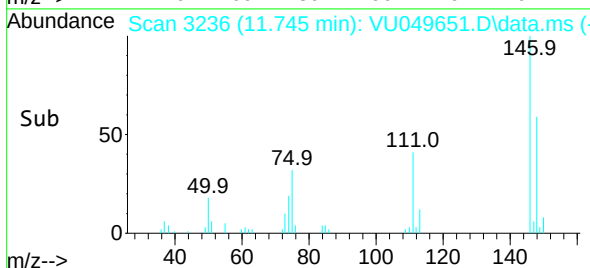
Reviewed By :Mahesh Dadoda 07/08/2022
Supervised By :Semsettin Yesilyurt 07/08/2022

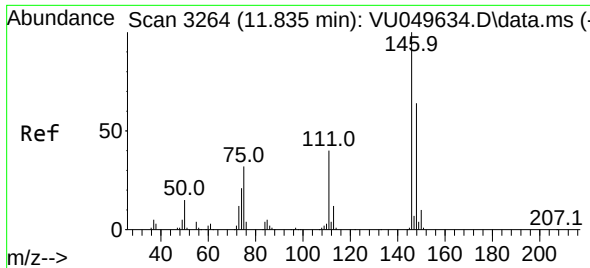


#82
1,3-Dichlorobenzene
Concen: 0.424 ug/l
RT: 11.745 min Scan# 3236
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03



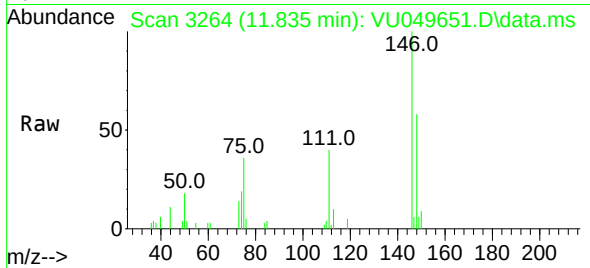
Tgt Ion:146 Resp: 8964
Ion Ratio Lower Upper
146 100
111 42.6 33.4 50.2
148 62.9 51.2 76.8





#83
1,4-Dichlorobenzene
Concen: 0.445 ug/l
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

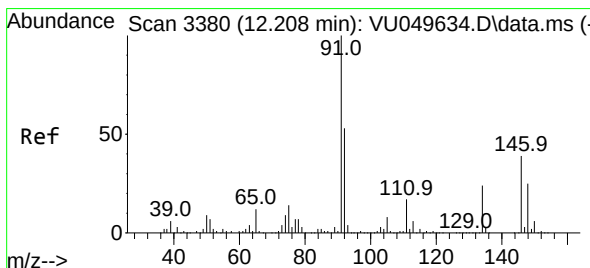
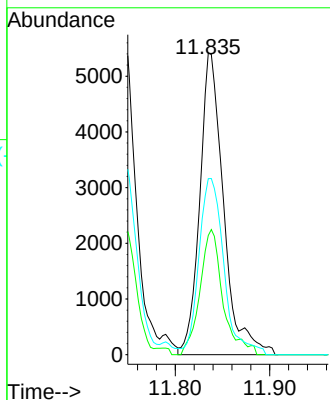
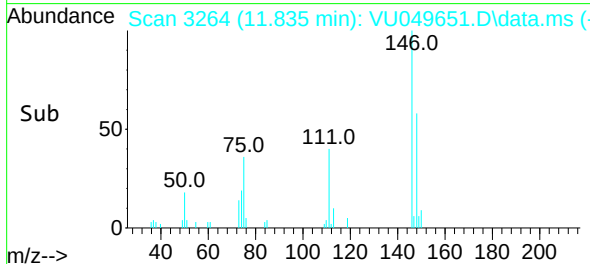
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2022



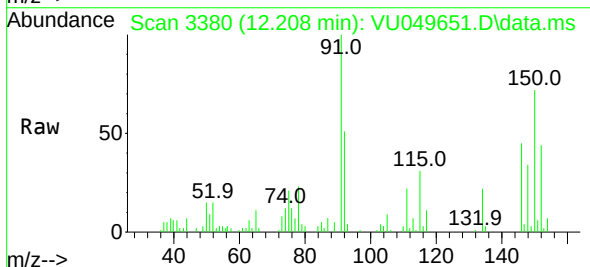
Tgt Ion:146 Resp: 949
Ion Ratio Lower Upper
146 100
111 39.9 32.6 49.0
148 61.1 51.6 77.4

Manual Integrations
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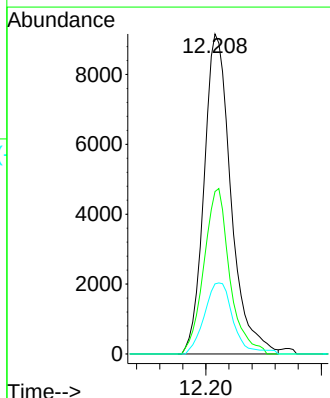
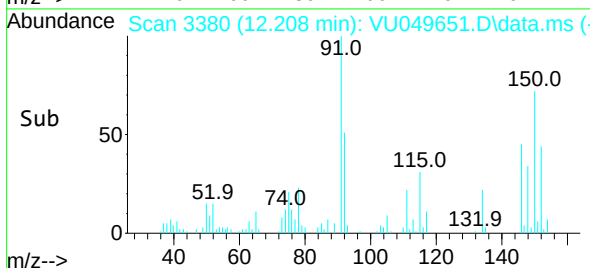
Reviewed By :Mahesh Dadoda 07/08/2022
Supervised By :Semsettin Yesilyurt 07/08/2022

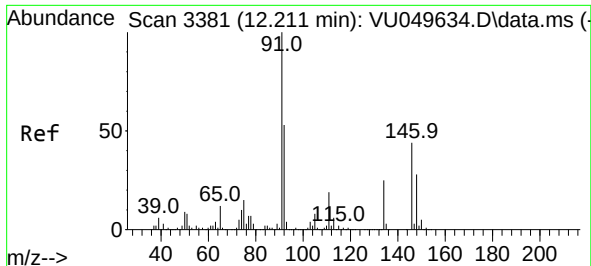


#84
n-Butylbenzene
Concen: 0.375 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03



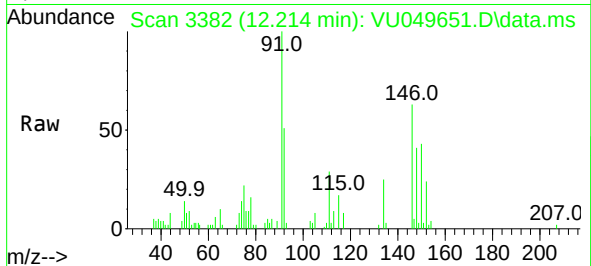
Tgt Ion: 91 Resp: 14811
Ion Ratio Lower Upper
91 100
92 49.7 42.3 63.5
134 23.7 19.6 29.4





#85
1,2-Dichlorobenzene
Concen: 0.412 ug/l
RT: 12.214 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

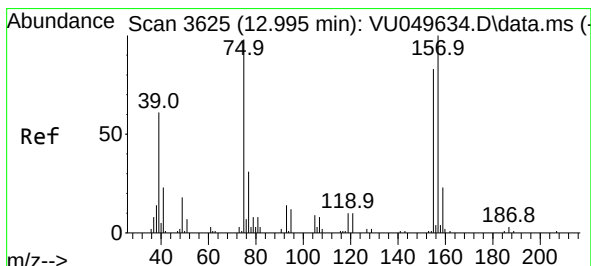
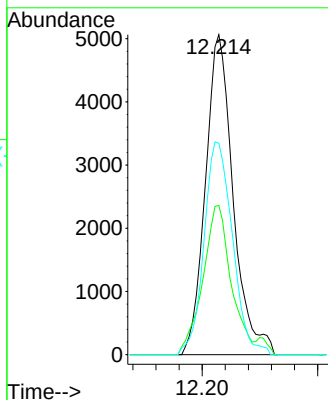
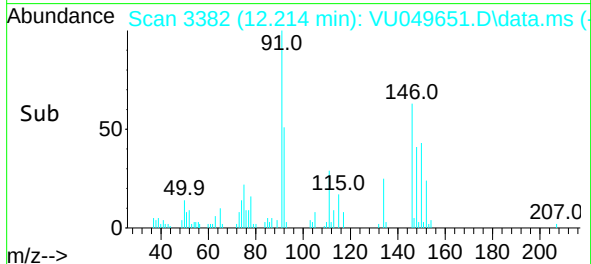
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:146 Resp: 844
Ion Ratio Lower Upper
146 100
111 47.4 22.1 66.1
148 68.4 32.1 96.3

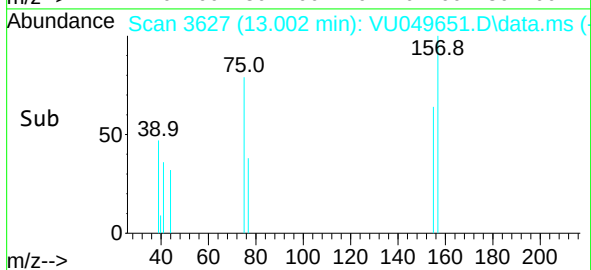
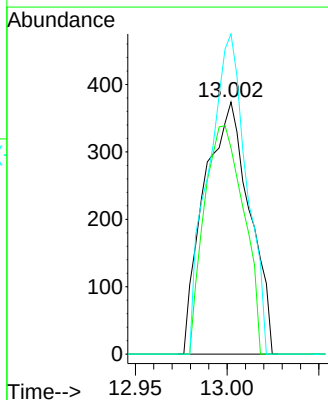
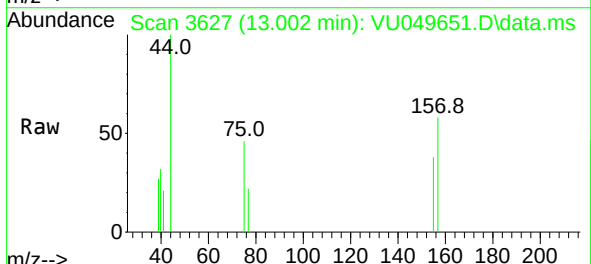
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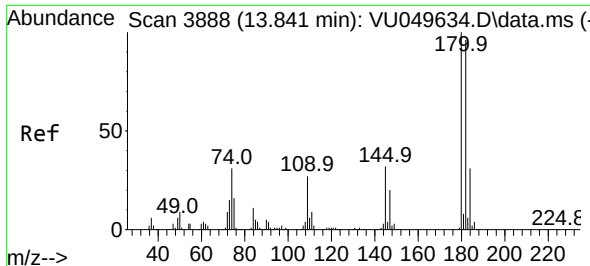
Reviewed By :Mahesh Dadoda 07/08/2022
Supervised By :Semsettin Yesilyurt 07/08/2022



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.360 ug/l
RT: 13.002 min Scan# 3627
Delta R.T. 0.007 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

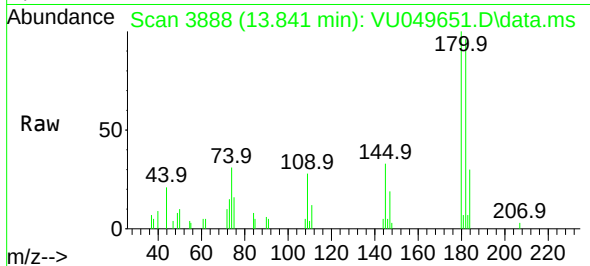
Tgt Ion: 75 Resp: 644
Ion Ratio Lower Upper
75 100
155 78.4 66.8 100.2
157 106.4 83.8 125.8





#87
1,2,4-Trichlorobenzene
Concen: 0.458 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

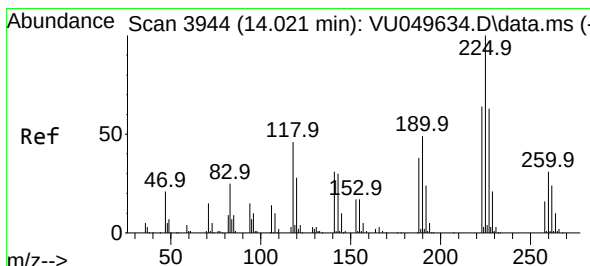
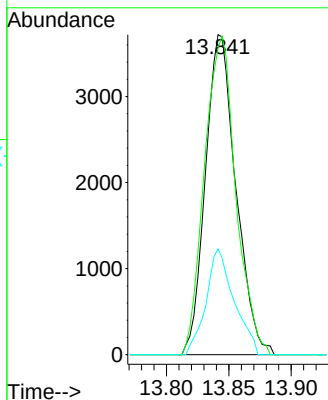
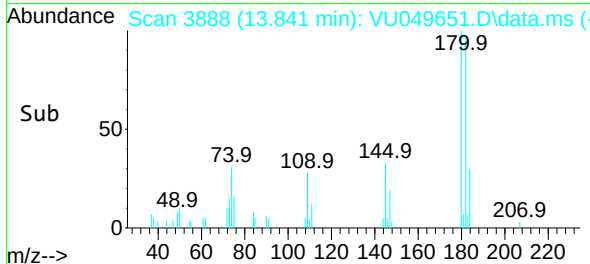
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2022



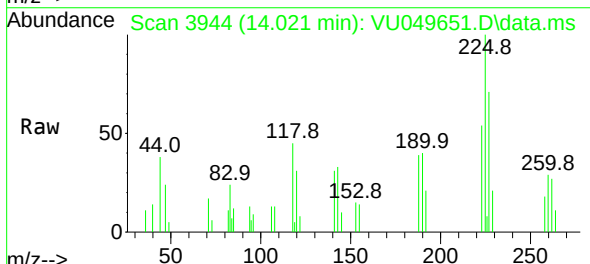
Tgt Ion:180 Resp: 632
Ion Ratio Lower Upper
180 100
182 102.3 77.0 115.6
145 30.4 25.7 38.5

Manual Integrations
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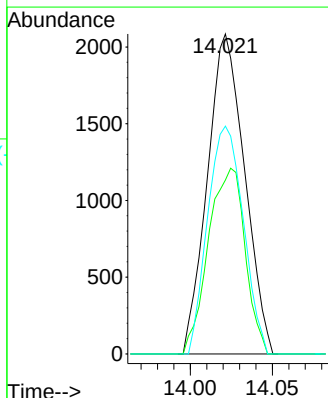
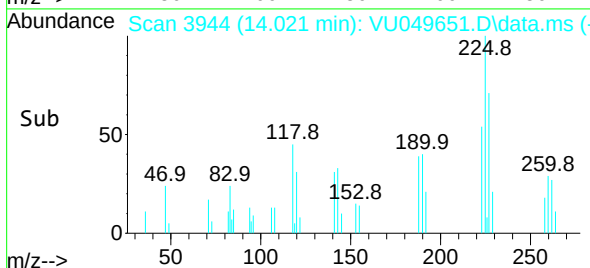
Reviewed By :Mahesh Dadoda 07/08/2022
Supervised By :Semsettin Yesilyurt 07/08/2022

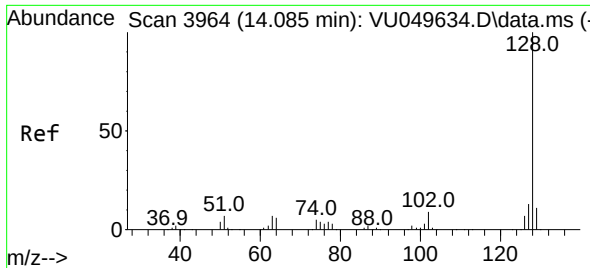


#88
Hexachlorobutadiene
Concen: 0.467 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03



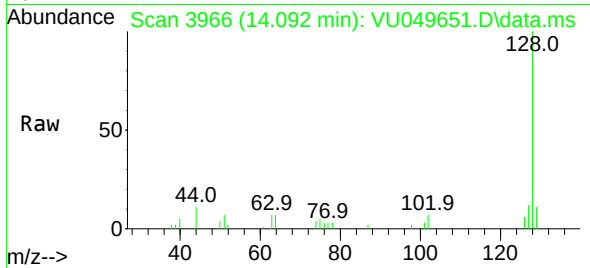
Tgt Ion:225 Resp: 3285
Ion Ratio Lower Upper
225 100
223 57.1 50.6 76.0
227 68.0 50.7 76.1





#89
Naphthalene
Concen: 0.472 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.007 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

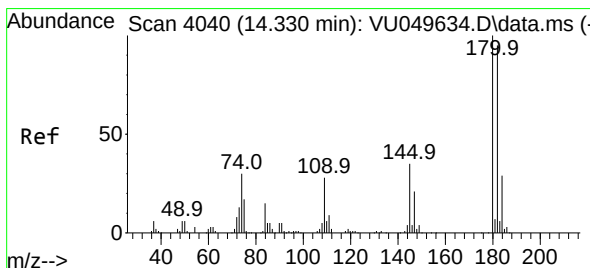
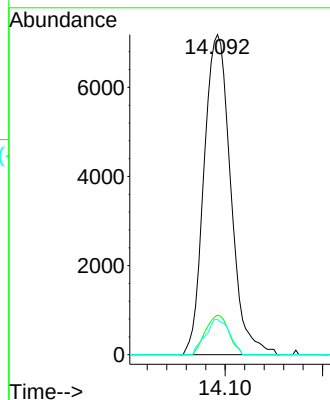
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:128 Resp: 1366
Ion Ratio Lower Upper
128 100
127 10.8 10.1 15.1
129 10.0 8.6 12.8

Manual Integrations
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Reviewed By :Mahesh Dadoda 07/08/2022
Supervised By :Semsettin Yesilyurt 07/08/2022



#90
1,2,3-Trichlorobenzene
Concen: 0.458 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU049651.D
Acq: 07 Jul 2022 14:03

Tgt Ion:180 Resp: 6034
Ion Ratio Lower Upper
180 100
182 96.7 76.6 114.8
145 30.8 27.3 40.9

