

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042123\
 Data File : VU053825.D
 Acq On : 21 Apr 2023 14:58
 Operator : JC/MD
 Sample : 02213-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2023

Quant Time: Apr 22 03:19:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U041923DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Apr 21 09:18:21 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Fluorobenzene	6.112	96	32247	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.629	95	11532	0.912	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.000%	
68) 1,2-Dichlorobenzene-d4	12.189	152	12872	0.856	ug/l	0.00
Spiked Amount 1.000			Recovery	=	86.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	4523	0.463	ug/l	98
3) Chloromethane	1.520	50	3752	0.426	ug/l	93
4) Vinyl Chloride	1.604	62	4877	0.479	ug/l	94
5) Bromomethane	1.858	94	3608	0.471	ug/l	94
6) Chloroethane	1.932	64	3131	0.480	ug/l	97
7) Trichlorofluoromethane	2.138	101	7611	0.445	ug/l	96
8) 1,1,2-Trichloro-1,2,2-...	2.585	101	4666	0.419	ug/l #	86
9) 1,1-Dichloroethene	2.585	96	3501	0.384	ug/l	78
10) Iodomethane	2.720	142	3548	0.358	ug/l	95
11) Allyl Chloride	2.922	41	4239	0.392	ug/l	97
12) Acrylonitrile	3.337	53	1270	0.558	ug/l #	75
13) Acetone	2.642	43	4885	1.535	ug/l #	86
14) Carbon Disulfide	2.794	76	6324	0.423	ug/l #	94
15) Methylene Chloride	3.041	84	10634	0.797	ug/l	90
16) trans-1,2-Dichloroethene	3.353	96	3807	0.386	ug/l	92
17) 1,1-Dichloroethane	3.867	63	7396	0.364	ug/l #	92
18) 2-Butanone	4.729	43	5249	1.272	ug/l	74
19) Cyclohexane	5.385	56	4550m	0.324	ug/l	
20) Methylcyclohexane	6.761	83	5659	0.449	ug/l	90
21) 2,2-Dichloropropane	4.662	77	6755	0.366	ug/l	98
22) cis-1,2-Dichloroethene	4.668	96	4750	0.385	ug/l	93
23) Diethyl Ether	2.379	59	3167	0.471	ug/l	93
24) tert-Butyl Alcohol	3.250	59	3731m	4.079	ug/l	
25) Methyl tert-Butyl Ether	3.359	73	8943	0.352	ug/l #	86
26) Bromochloromethane	4.967	128	2031	0.372	ug/l	92
27) Chloroform	5.089	83	8946	0.408	ug/l	100
28) 1,1,1-Trichloroethane	5.314	97	7604	0.418	ug/l	91
29) 1,1-Dichloropropene	5.527	75	5247	0.453	ug/l	94
30) Carbon Tetrachloride	5.523	117	5813	0.447	ug/l #	90
31) Isopropyl Ether	3.993	45	10154	0.346	ug/l	96
32) Ethyl-t-butyl ether	4.498	59	10507	0.353	ug/l	100
33) Tert-Amyl methyl ether	5.938	73	9152	0.421	ug/l	95
34) Propionitrile	4.803	54	1157m	1.254	ug/l	
35) Benzene	5.774	78	17735	0.497	ug/l	94
36) 1,2-Dichloroethane	5.793	62	4847	0.433	ug/l #	92
37) Trichloroethene	6.543	130	4915	0.485	ug/l	87
38) 1,2-Dichloropropane	6.787	63	4979	0.491	ug/l	100
39) Methacrylonitrile	4.999	41	1218m	0.331	ug/l	
40) Methyl acrylate	4.877	55	1618m	0.266	ug/l	
41) Tetrahydrofuran	5.067	42	1025m	0.562	ug/l	
42) 1-Chlorobutane	5.456	56	6486	0.410	ug/l	94
43) Dibromomethane	6.916	93	2028	0.394	ug/l #	83
44) Bromodichloromethane	7.105	83	5591	0.431	ug/l	92

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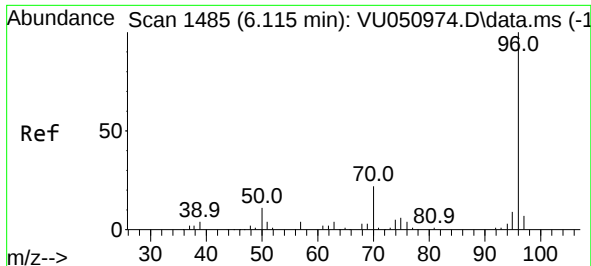
Quant Time: Apr 22 03:19:31 2023
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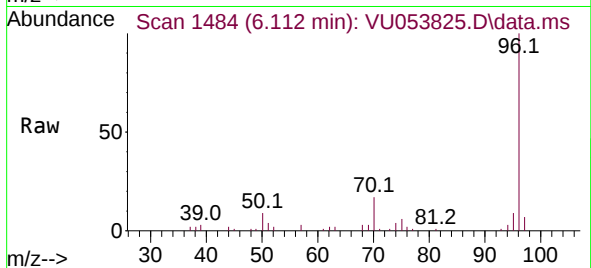
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.790	43	10391	1.985	ug/l	95
46) t-1,4-Dichloro-2-butene	10.835	75	1655m	0.761	ug/l	
47) Methyl methacrylate	6.964	69	3700	0.818	ug/l	93
48) Ethyl methacrylate	8.337	69	3656	0.413	ug/l	93
49) Toluene	7.970	92	9997	0.445	ug/l	96
50) t-1,3-Dichloropropene	8.208	75	5091	0.437	ug/l #	84
51) cis-1,3-Dichloropropene	7.607	75	6274	0.451	ug/l	93
52) 1,1,2-Trichloroethane	8.398	97	3925	0.481	ug/l #	85
53) 1,3-Dichloropropane	8.571	76	5542	0.433	ug/l #	42
54) 2-Hexanone	8.687	43	9404	1.915	ug/l	99
55) Dibromochloromethane	8.806	129	3364	0.392	ug/l	87
56) 1,2-Dibromoethane	8.925	107	3388	0.481	ug/l	90
58) Tetrachloroethene	8.549	164	4827	0.493	ug/l	92
59) Chlorobenzene	9.446	112	13765	0.492	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.530	131	4326	0.429	ug/l	99
61) Pentachloroethane	11.423	117	3553	0.457	ug/l	95
62) Hexachloroethane	12.472	117	2994	0.395	ug/l	98
63) Ethyl Benzene	9.568	91	19530	0.442	ug/l	98
64) m/p-Xylenes	9.694	106	14859	0.854	ug/l	95
65) o-Xylene	10.096	106	7913	0.451	ug/l	96
66) Styrene	10.112	104	11912	0.427	ug/l	99
67) Bromoform	10.285	173	1998	0.448	ug/l #	95
69) Isopropylbenzene	10.481	105	20366	0.444	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.777	83	4523	0.430	ug/l	99
71) 1,2,3-Trichloropropane	10.816	75	3104m	0.409	ug/l	
72) Bromobenzene	10.780	156	5355	0.456	ug/l	89
73) n-propylbenzene	10.903	120	5597	0.440	ug/l	99
74) 2-Chlorotoluene	10.980	126	4785	0.398	ug/l	90
75) 1,3,5-Trimethylbenzene	11.086	105	16389	0.410	ug/l	99
76) 4-Chlorotoluene	11.095	126	5524	0.451	ug/l	89
77) tert-Butylbenzene	11.414	119	17169	0.427	ug/l	94
78) 1,2,4-Trimethylbenzene	11.465	105	17057	0.418	ug/l	100
79) sec-Butylbenzene	11.639	105	22784	0.421	ug/l	96
80) Nitrobenzene	13.202	77	83	0.249	ug/l #	88
81) p-Isopropyltoluene	11.790	119	18299	0.413	ug/l	98
82) 1,3-Dichlorobenzene	11.742	146	12146	0.483	ug/l	98
83) 1,4-Dichlorobenzene	11.835	146	11978	0.478	ug/l	95
84) n-Butylbenzene	12.205	91	19216	0.696	ug/l	98
85) 1,2-Dichlorobenzene	12.208	146	11667	0.475	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.989	75	567	0.383	ug/l	91
87) 1,2,4-Trichlorobenzene	13.838	180	9105	0.561	ug/l	96
88) Hexachlorobutadiene	14.015	225	4402	0.508	ug/l	94
89) Naphthalene	14.086	128	16528	0.581	ug/l	97
90) 1,2,3-Trichlorobenzene	14.327	180	8011	0.519	ug/l	96

(#) = 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. 0.004 min
Lab File: VU053825.D
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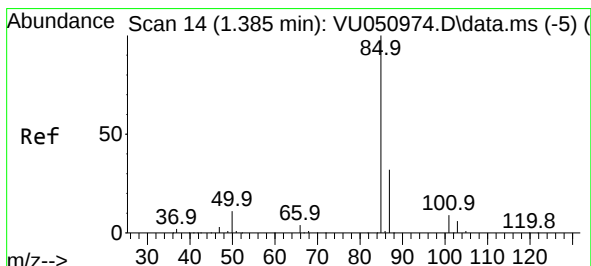
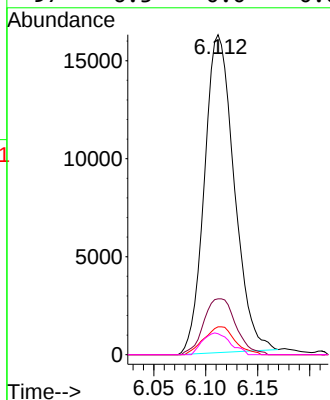
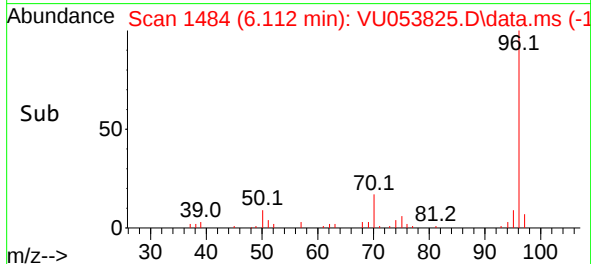
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion: 96 Resp: 3224
Ion Ratio Lower Upper
96 100
70 19.0 16.5 24.7
95 9.1 7.4 11.0
97 6.3 0.0 0.0#

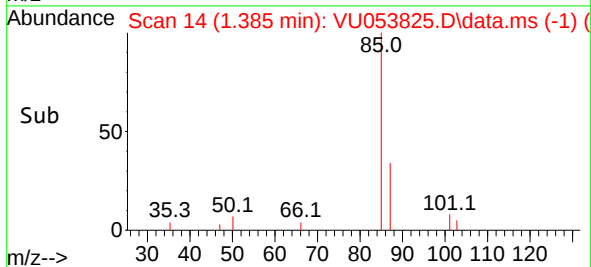
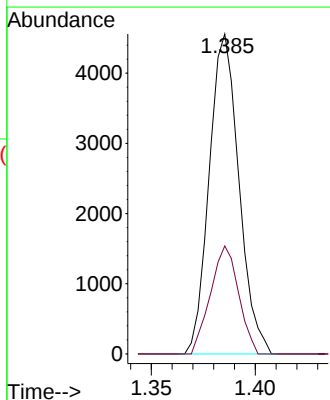
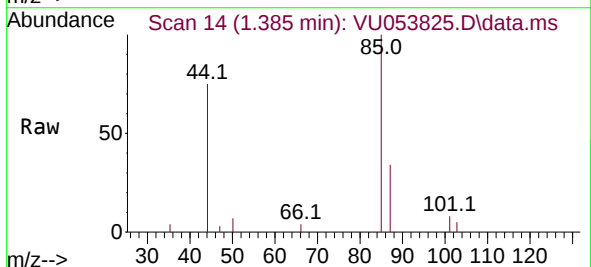
Manual Integrations
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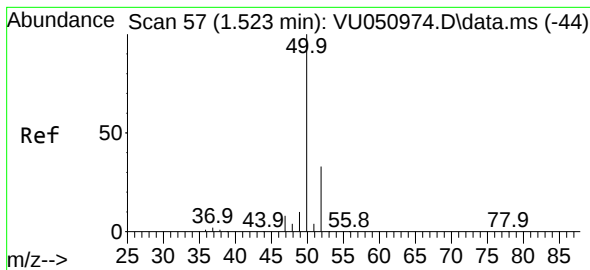
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#2
Dichlorodifluoromethane
Concen: 0.463 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58

Tgt Ion: 85 Resp: 4523
Ion Ratio Lower Upper
85 100
87 33.7 16.2 48.6





#3

Chloromethane

Concen: 0.426 ug/l

RT: 1.520 min Scan# 50

Delta R.T. 0.000 min

Lab File: VU053825.D

Acq: 21 Apr 2023 14:58

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion: 50 Resp: 3752

Ion Ratio Lower Upper

50 100

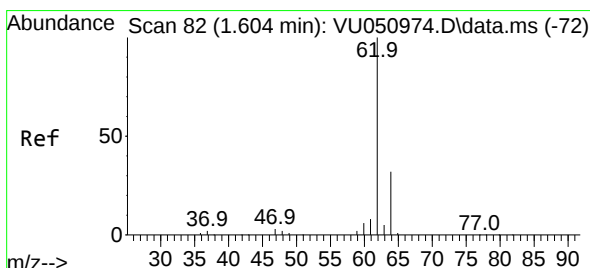
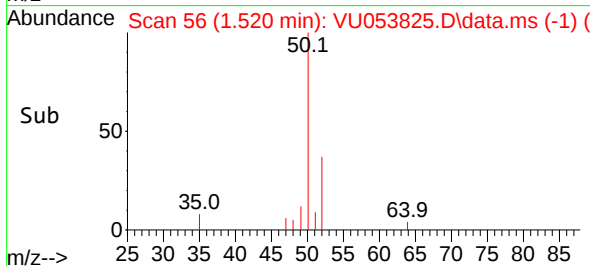
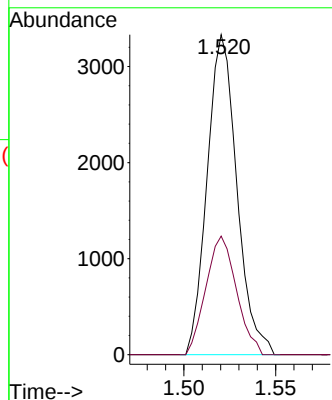
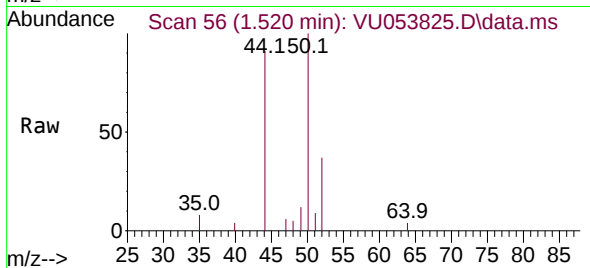
52 37.0 26.6 40.0

Manual Integrations

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Supervised By :Mahesh Dadoda 04/28/2023



#4

Vinyl Chloride

Concen: 0.479 ug/l

RT: 1.604 min Scan# 82

Delta R.T. 0.000 min

Lab File: VU053825.D

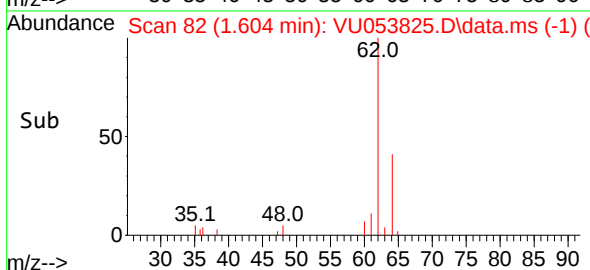
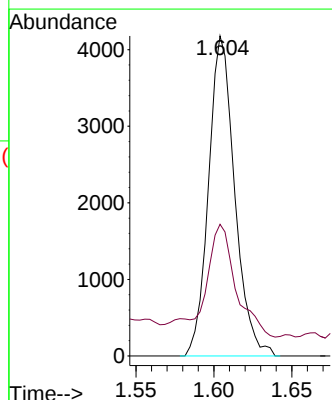
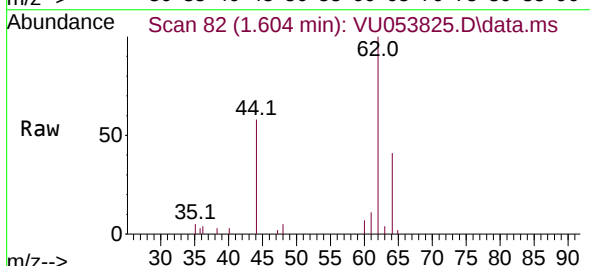
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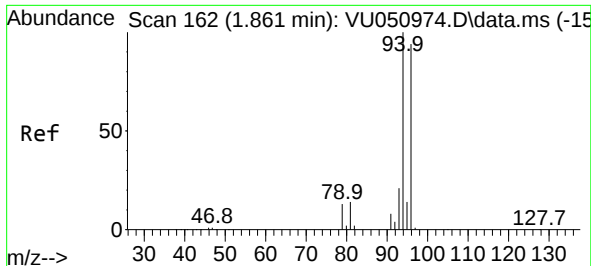
Tgt Ion: 62 Resp: 4877

Ion Ratio Lower Upper

62 100

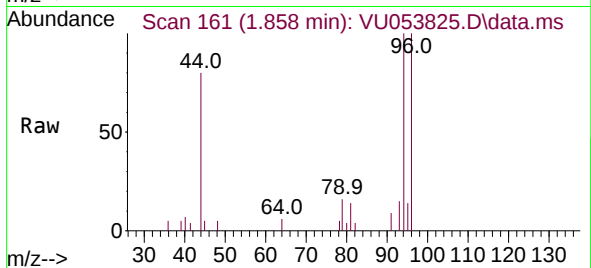
64 35.0 25.4 38.2





#5
Bromomethane
Concen: 0.471 ug/l
RT: 1.858 min Scan# 10
Delta R.T. 0.013 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58

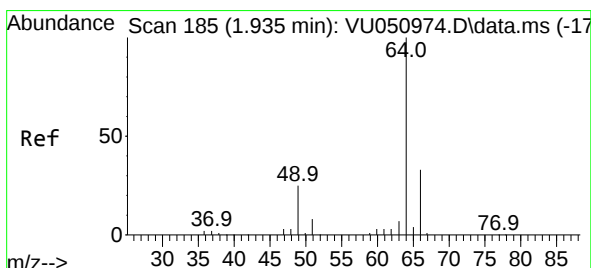
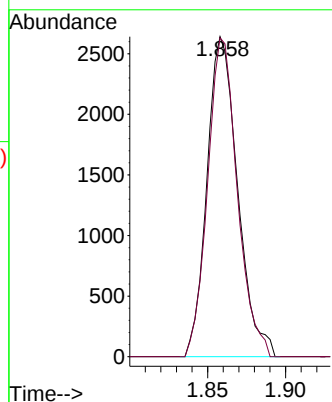
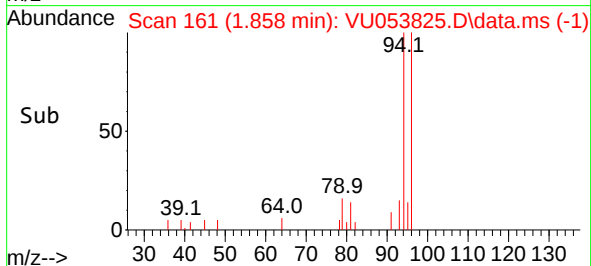
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion: 94 Resp: 3608
Ion Ratio Lower Upper
94 100
96 99.7 75.4 113.2

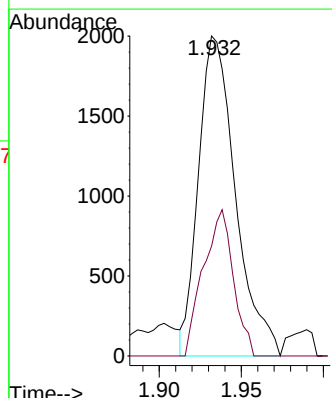
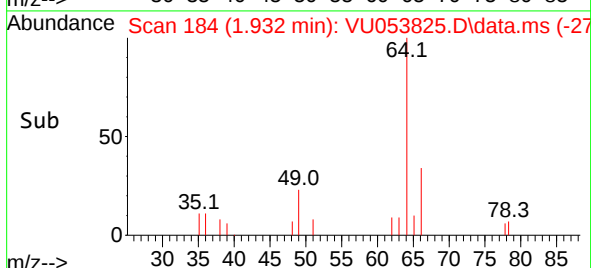
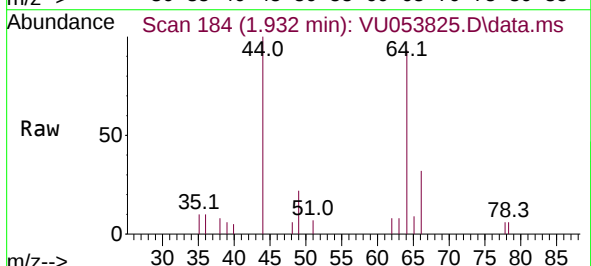
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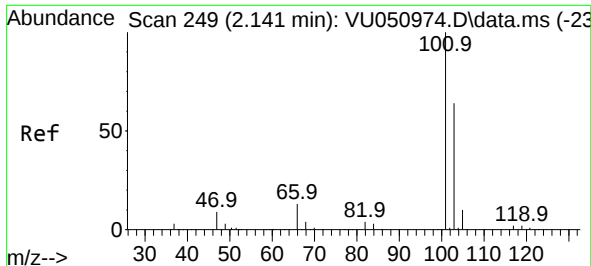
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#6
Chloroethane
Concen: 0.480 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.003 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58

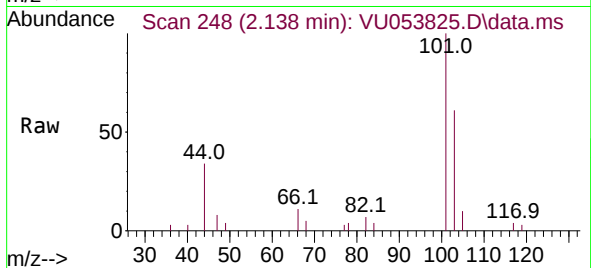
Tgt Ion: 64 Resp: 3131
Ion Ratio Lower Upper
64 100
66 34.3 26.0 39.0





#7
Trichlorofluoromethane
Concen: 0.445 ug/l
RT: 2.138 min Scan# 249
Delta R.T. 0.003 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58

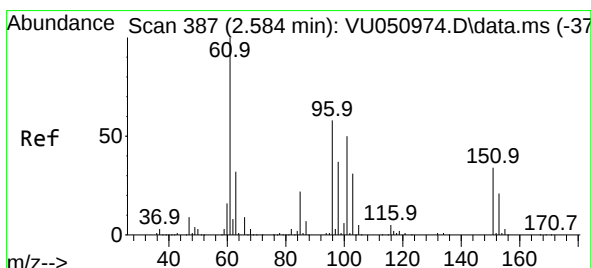
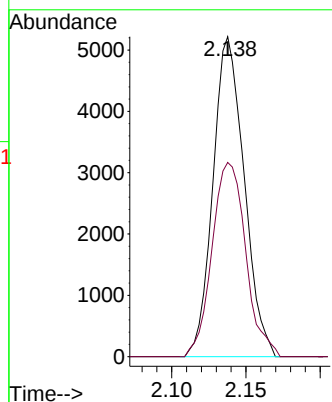
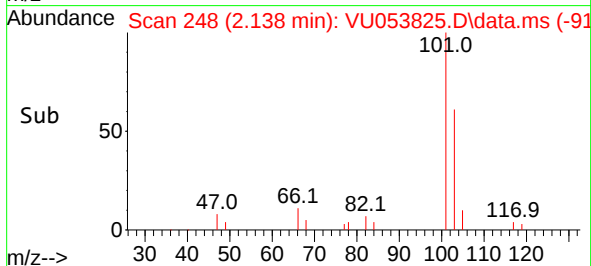
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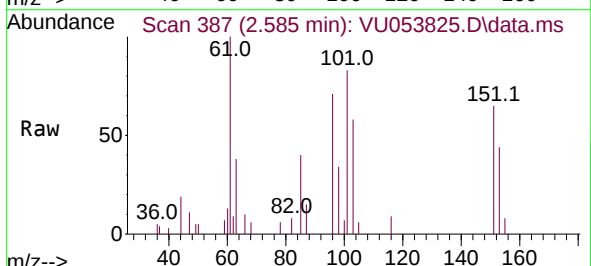
Tgt Ion:101 Resp: 761
Ion Ratio Lower Upper
101 100
103 60.7 51.4 77.0

Manual Integrations
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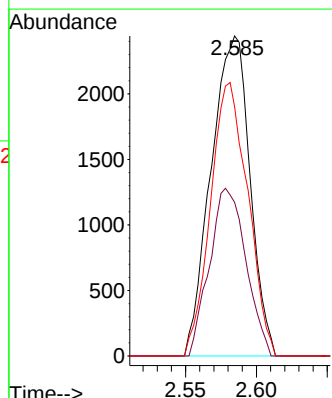
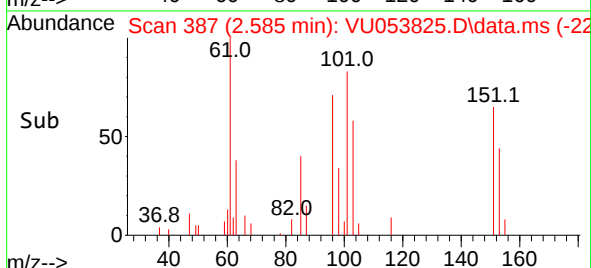
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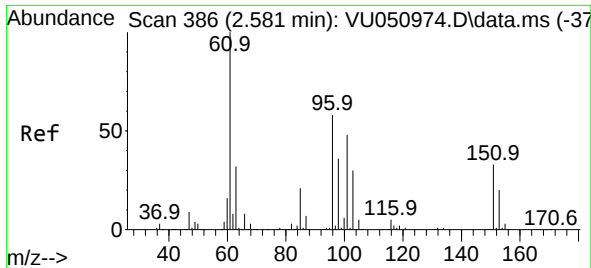


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.419 ug/l
RT: 2.585 min Scan# 387
Delta R.T. 0.007 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58



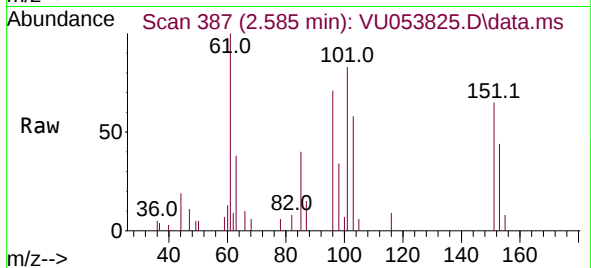
Tgt Ion:101 Resp: 4666
Ion Ratio Lower Upper
101 100
85 49.0 35.4 53.0
151 81.9 54.0 81.0#





#9
1,1-Dichloroethene
Concen: 0.384 ug/l
RT: 2.585 min Scan# 31
Delta R.T. 0.007 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58

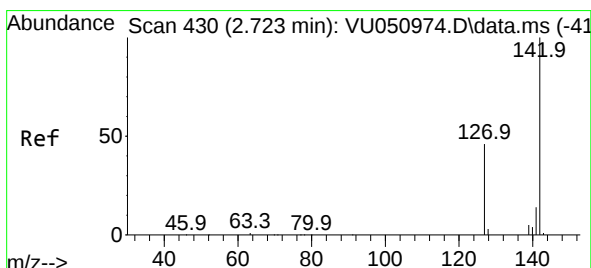
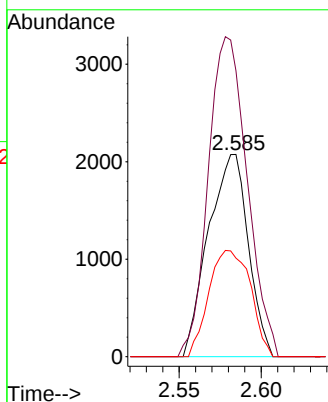
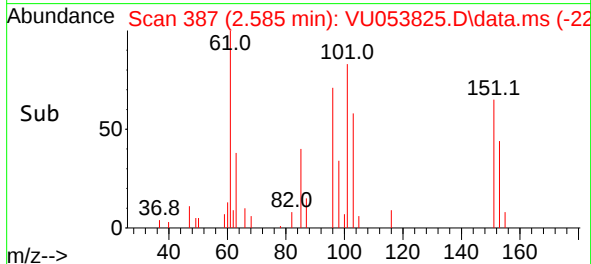
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion: 96 Resp: 350
Ion Ratio Lower Upper
96 100
61 141.4 0.0 521.4
98 48.8 0.0 125.8

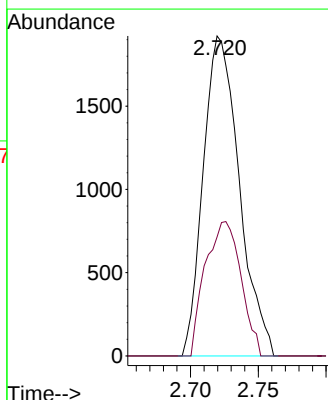
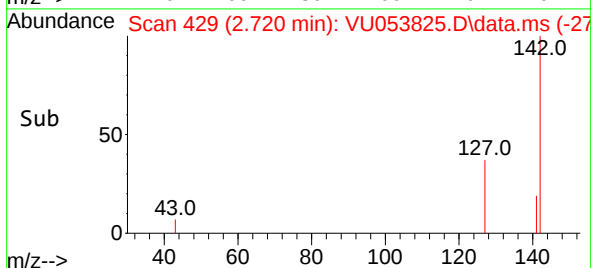
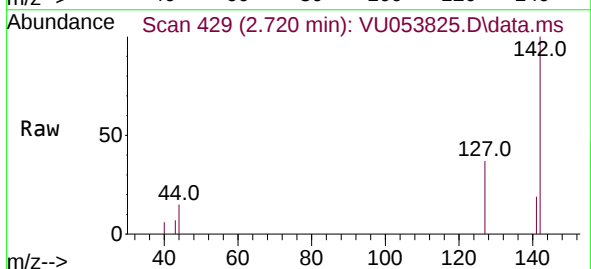
Manual Integrations
APPROVED

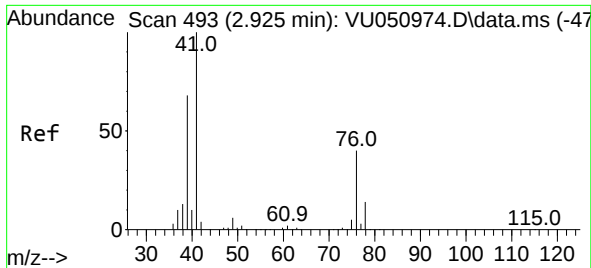
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#10
Iodomethane
Concen: 0.358 ug/l
RT: 2.720 min Scan# 429
Delta R.T. -0.000 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58

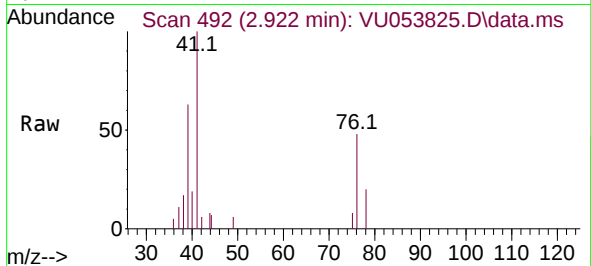
Tgt Ion:142 Resp: 3548
Ion Ratio Lower Upper
142 100
127 41.5 35.9 53.9





#11
 Allyl Chloride
 Concen: 0.392 ug/l
 RT: 2.922 min Scan# 493
 Delta R.T. 0.003 min
 Lab File: VU053825.D
 Acq: 21 Apr 2023 14:58

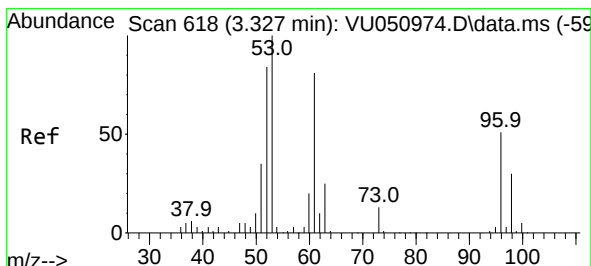
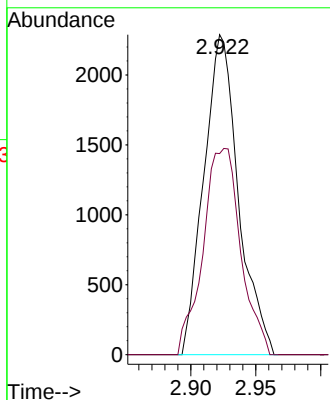
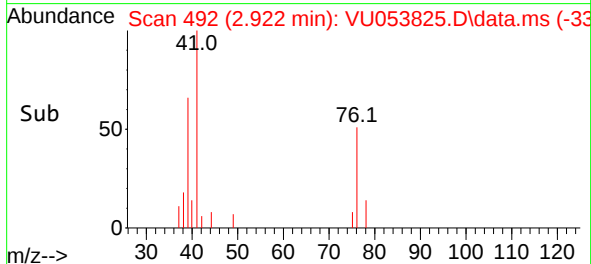
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2023



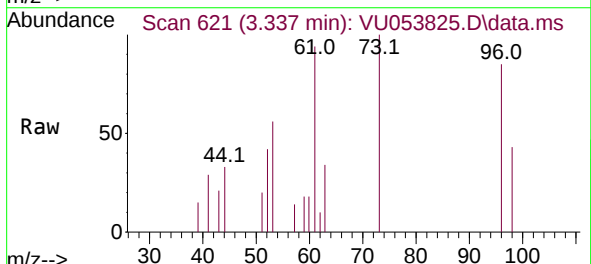
Tgt Ion: 41 Resp: 4239
 Ion Ratio Lower Upper
 41 100
 39 70.2 54.2 81.2

Manual Integrations
 APPROVED

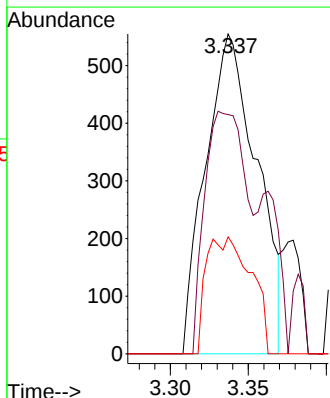
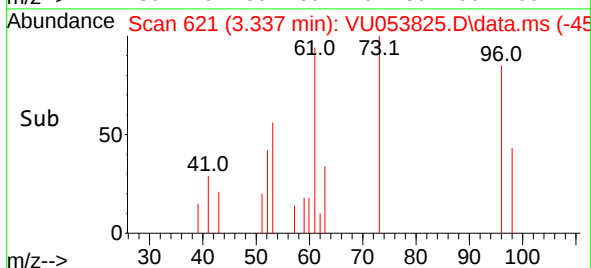
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

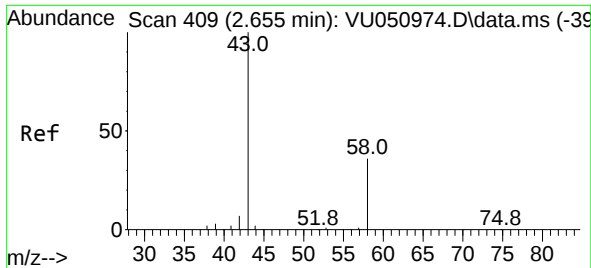


#12
 Acrylonitrile
 Concen: 0.558 ug/l
 RT: 3.337 min Scan# 621
 Delta R.T. 0.029 min
 Lab File: VU053825.D
 Acq: 21 Apr 2023 14:58



Tgt Ion: 53 Resp: 1270
 Ion Ratio Lower Upper
 53 100
 52 61.0 62.9 94.3#
 51 13.2 27.8 41.6#





#13

Acetone

Concen: 1.535 ug/l

RT: 2.642 min Scan# 409

Delta R.T. 0.023 min

Lab File: VU053825.D

Acq: 21 Apr 2023 14:58

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2023

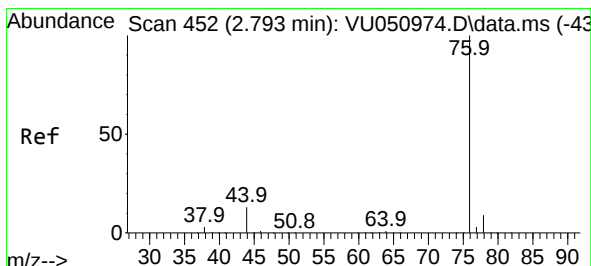
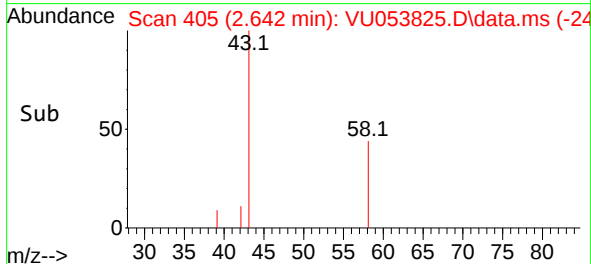
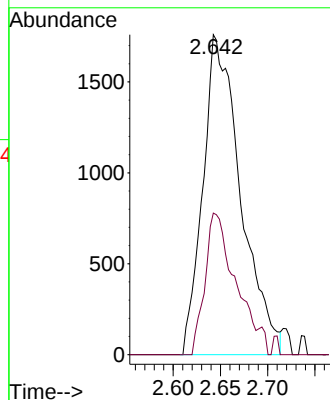
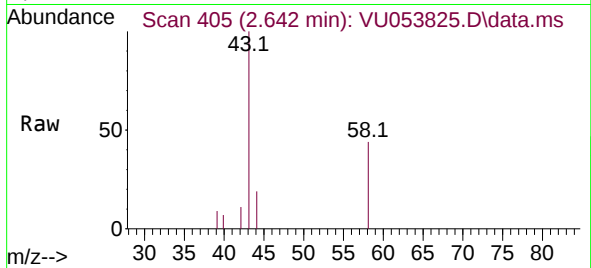
Tgt Ion: 43 Resp: 4885
 Ion Ratio Lower Upper
 43 100
 58 44.3 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#14

Carbon Disulfide

Concen: 0.423 ug/l

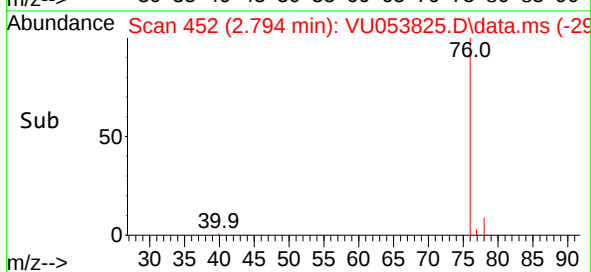
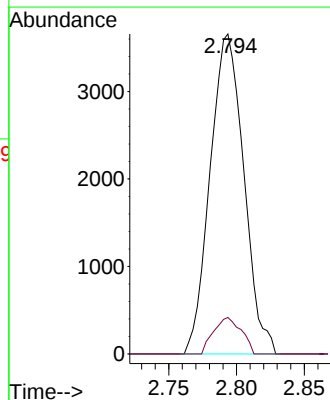
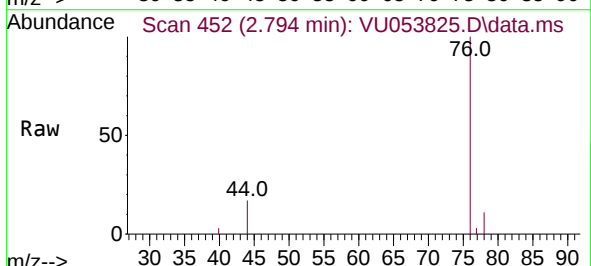
RT: 2.794 min Scan# 452

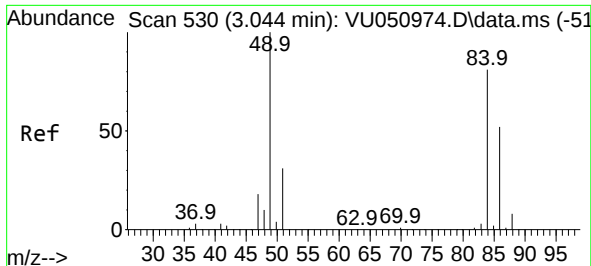
Delta R.T. 0.007 min

Lab File: VU053825.D

Acq: 21 Apr 2023 14:58

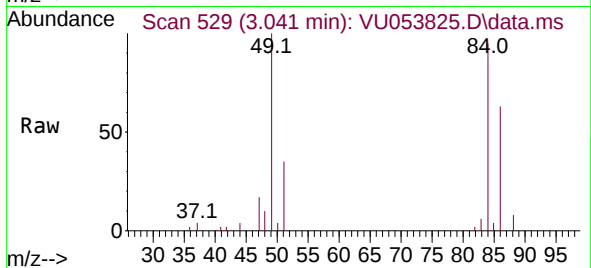
Tgt Ion: 76 Resp: 6324
 Ion Ratio Lower Upper
 76 100
 78 11.4 7.4 11.0





#15
Methylene Chloride
Concen: 0.797 ug/l
RT: 3.041 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58

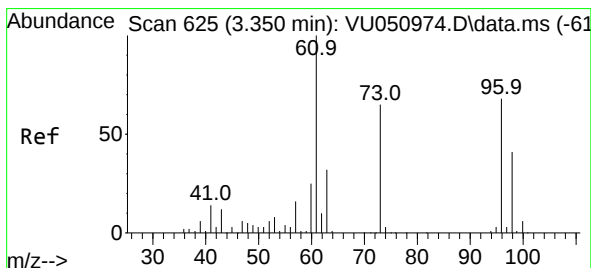
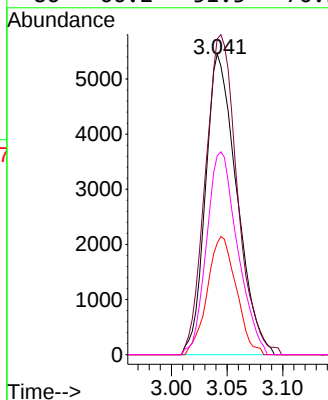
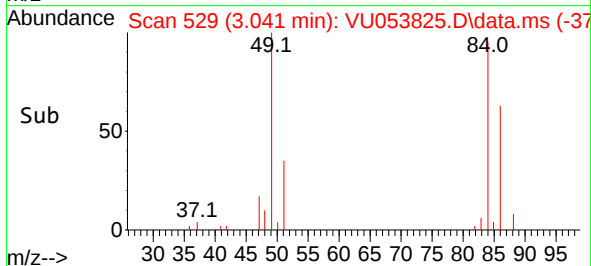
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion: 84	Resp: 10634
Ion Ratio	Lower Upper
84 100	
49 105.0	98.9 148.3
51 37.1	0.0 75.4
86 66.2	51.3 76.9

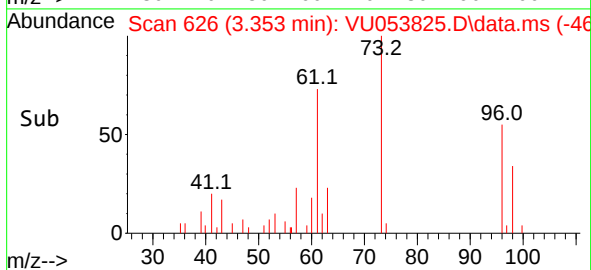
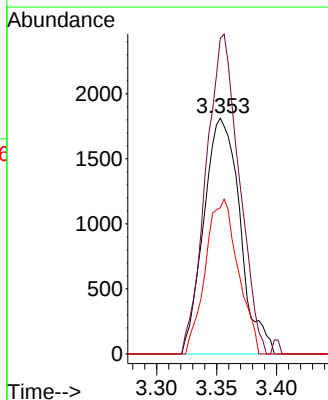
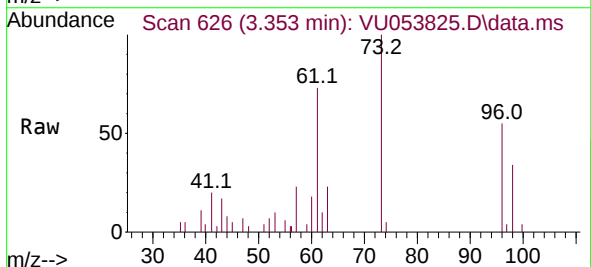
Manual Integrations
APPROVED

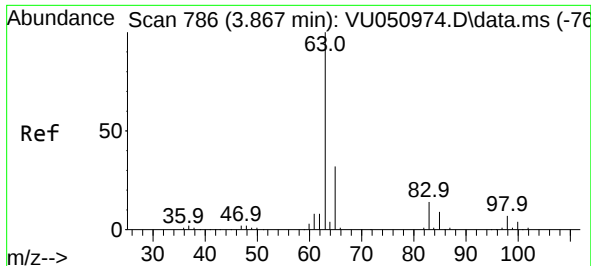
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#16
trans-1,2-Dichloroethene
Concen: 0.386 ug/l
RT: 3.353 min Scan# 626
Delta R.T. 0.007 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58

Tgt Ion: 96	Resp: 3807
Ion Ratio	Lower Upper
96 100	
61 133.8	117.5 176.3
98 62.0	48.3 72.5





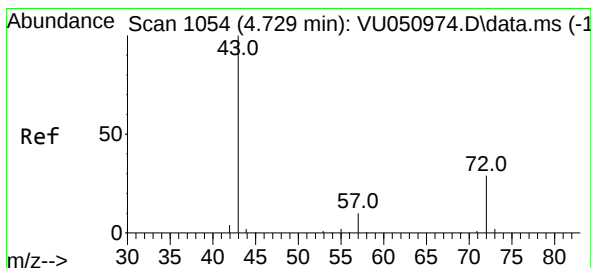
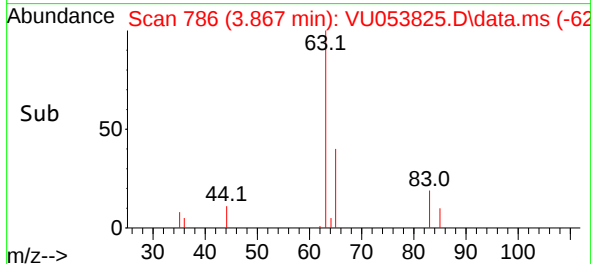
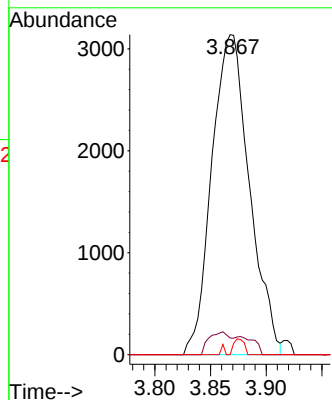
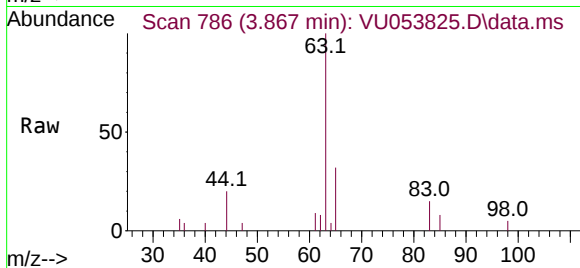
#17
1,1-Dichloroethane
Concen: 0.364 ug/l
RT: 3.867 min Scan# 786
Delta R.T. 0.003 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023

Tgt Ion: 63 Resp: 7390
Ion Ratio Lower Upper
63 100
98 5.2 3.4 10.1
100 0.0 2.2 6.6

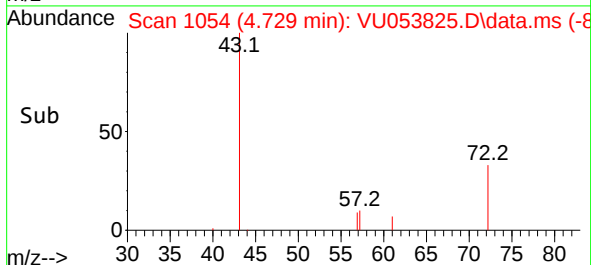
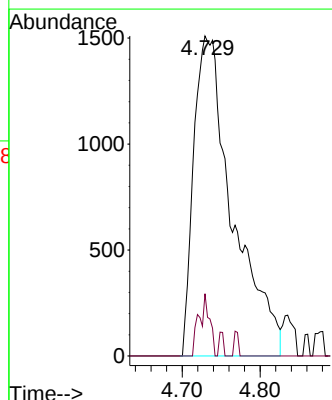
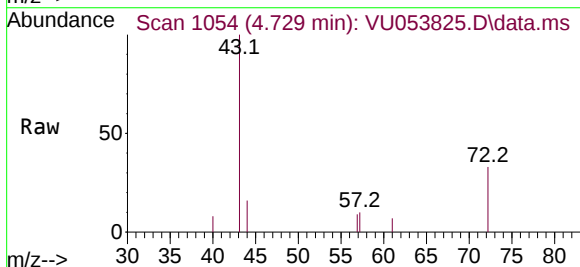
Manual Integrations
APPROVED

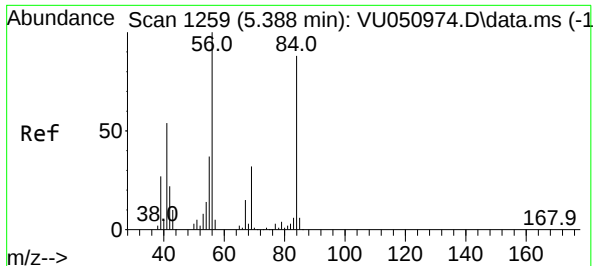
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#18
2-Butanone
Concen: 1.272 ug/l
RT: 4.729 min Scan# 1054
Delta R.T. 0.016 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58

Tgt Ion: 43 Resp: 5249
Ion Ratio Lower Upper
43 100
57 19.5 0.0 19.6





#19

Cyclohexane

Concen: 0.324 ug/l m

RT: 5.385 min Scan# 1259

Delta R.T. 0.010 min

Lab File: VU053825.D

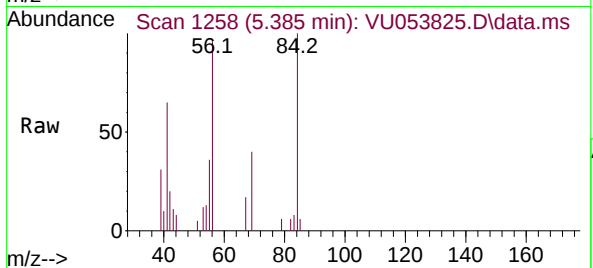
Acq: 21 Apr 2023 14:58

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2023



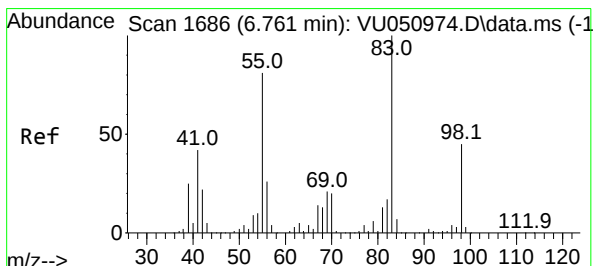
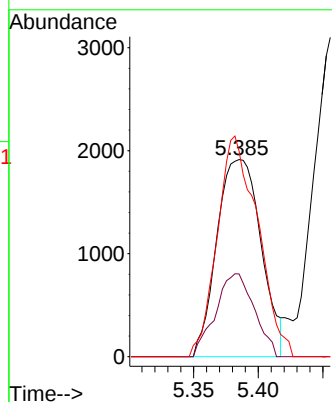
Tgt Ion:	56	Resp:	4550
Ion Ratio	Lower	Upper	
56	100		
69	36.8	24.6	37.0
84	102.7	68.4	102.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#20

Methylcyclohexane

Concen: 0.449 ug/l

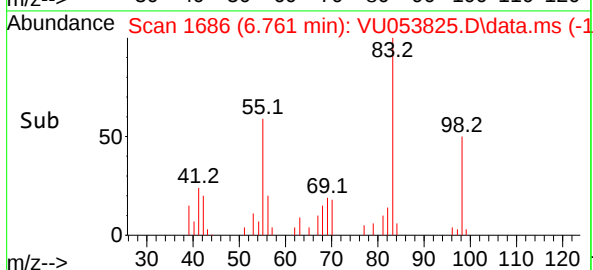
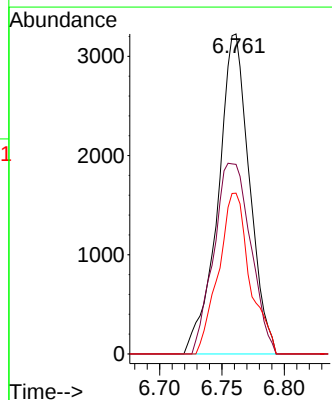
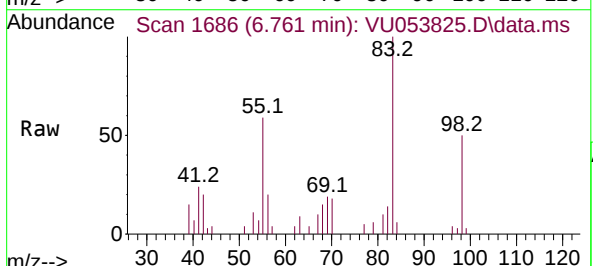
RT: 6.761 min Scan# 1686

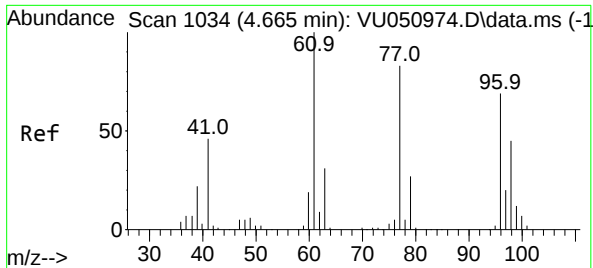
Delta R.T. 0.007 min

Lab File: VU053825.D

Acq: 21 Apr 2023 14:58

Tgt Ion:	83	Resp:	5659
Ion Ratio	Lower	Upper	
83	100		
55	69.8	63.5	95.3
98	50.1	36.0	54.0





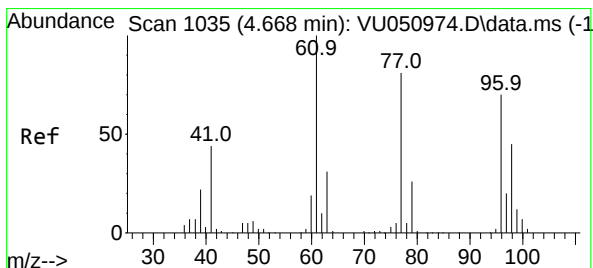
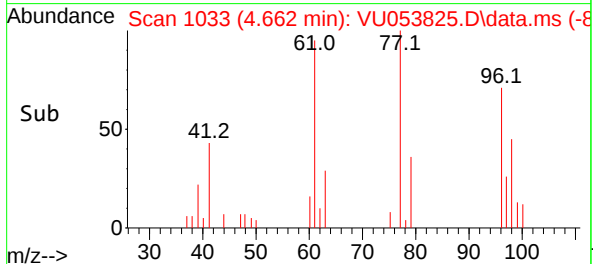
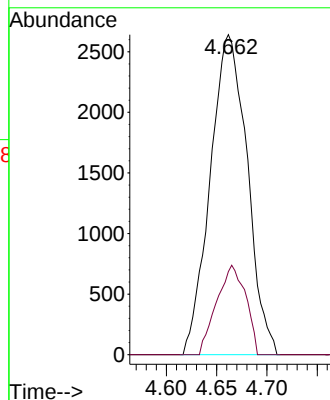
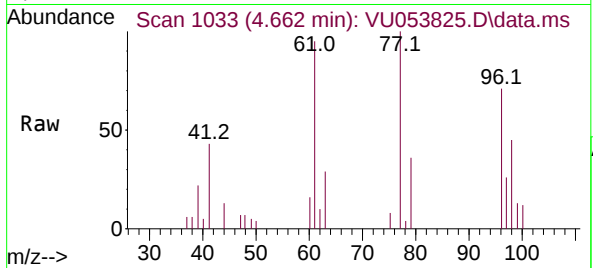
#21
2,2-Dichloropropane
Concen: 0.366 ug/l
RT: 4.662 min Scan# 1033
Delta R.T. 0.003 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023

Tgt Ion: 77 Resp: 675
Ion Ratio Lower Upper
77 100
97 21.9 18.4 27.6

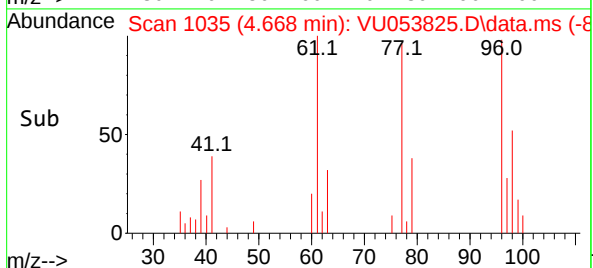
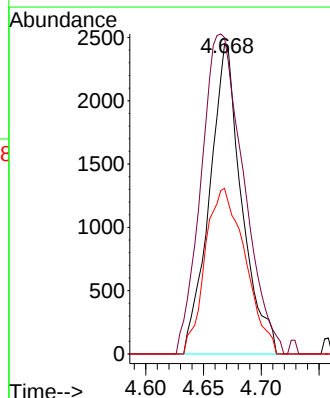
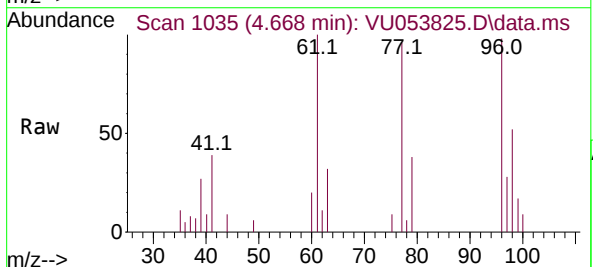
Manual Integrations
APPROVED

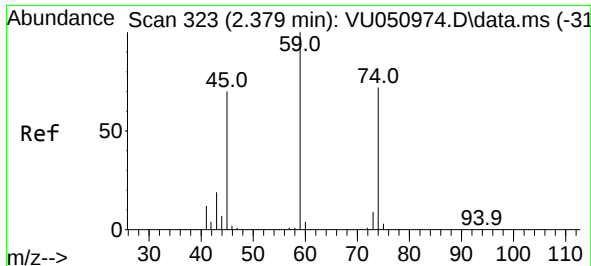
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#22
cis-1,2-Dichloroethene
Concen: 0.385 ug/l
RT: 4.668 min Scan# 1035
Delta R.T. 0.010 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58

Tgt Ion: 96 Resp: 4750
Ion Ratio Lower Upper
96 100
61 135.7 0.0 365.8
98 66.3 32.0 96.0





#23

Diethyl Ether

Concen: 0.471 ug/l

RT: 2.379 min Scan# 316

Delta R.T. 0.003 min

Lab File: VU053825.D

Acq: 21 Apr 2023 14:58

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2023

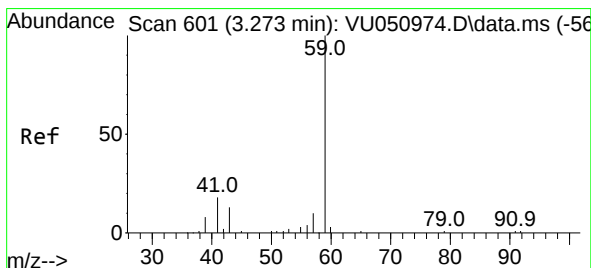
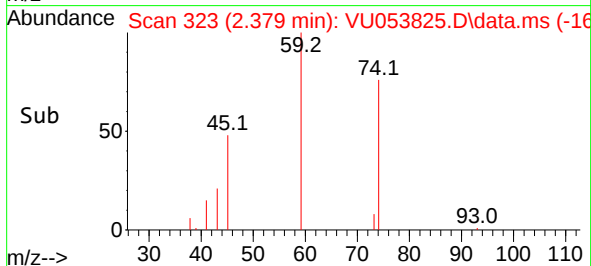
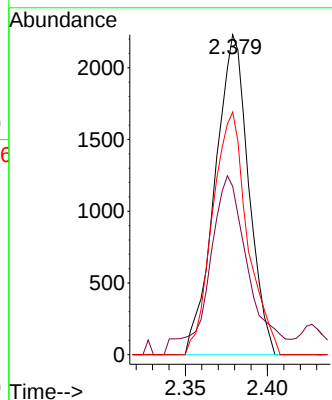
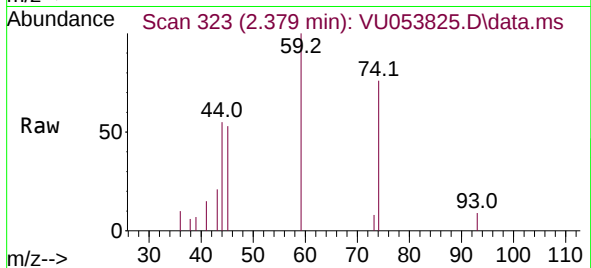
Tgt Ion: 59	Resp: 316
Ion Ratio	Lower Upper
59 100	
45 65.0	56.1 84.1
74 79.0	57.4 86.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#24

tert-Butyl Alcohol

Concen: 4.079 ug/l m

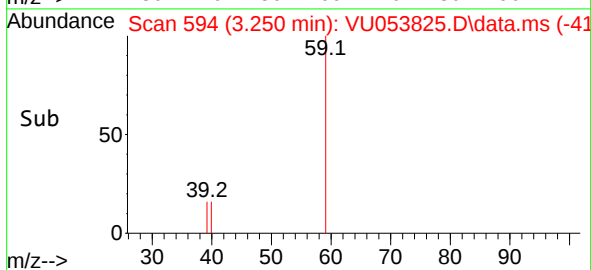
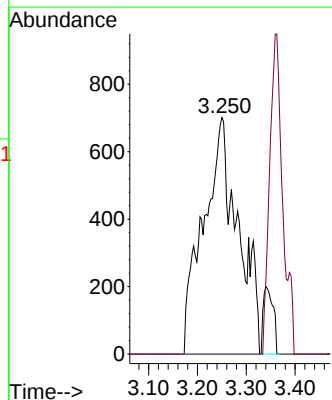
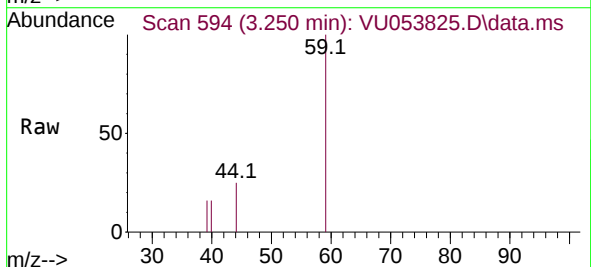
RT: 3.250 min Scan# 594

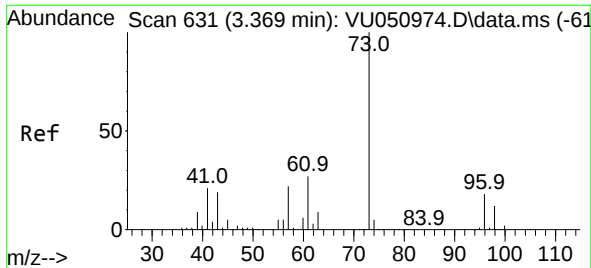
Delta R.T. 0.061 min

Lab File: VU053825.D

Acq: 21 Apr 2023 14:58

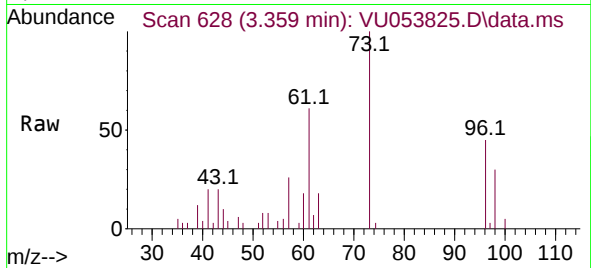
Tgt Ion: 59	Resp: 3731
Ion Ratio	Lower Upper
59 100	
57 0.0	105.6 158.4#





#25
Methyl tert-Butyl Ether
Concen: 0.352 ug/l
RT: 3.359 min Scan# 611
Delta R.T. -0.003 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58

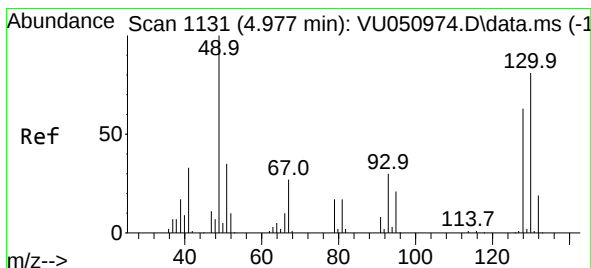
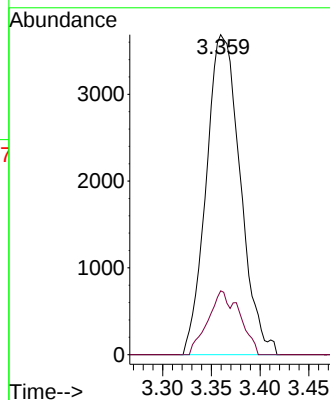
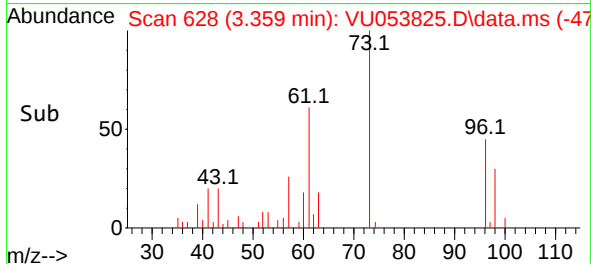
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023



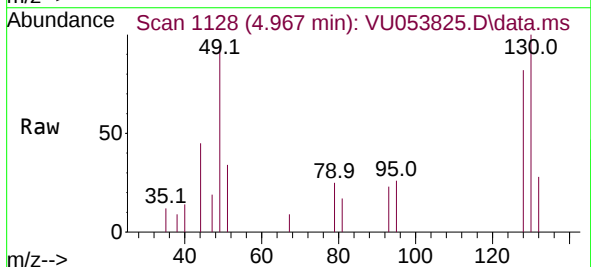
Tgt Ion: 73 Resp: 894
Ion Ratio Lower Upper
73 100
43 12.4 15.0 22.6

Manual Integrations
APPROVED

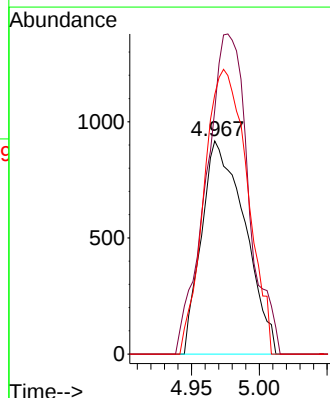
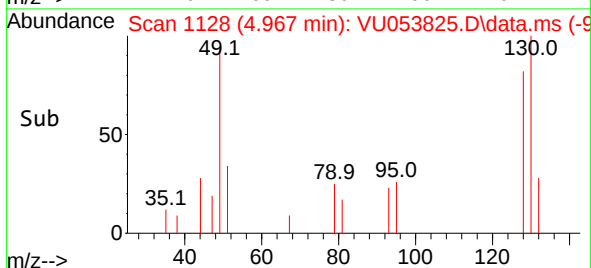
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

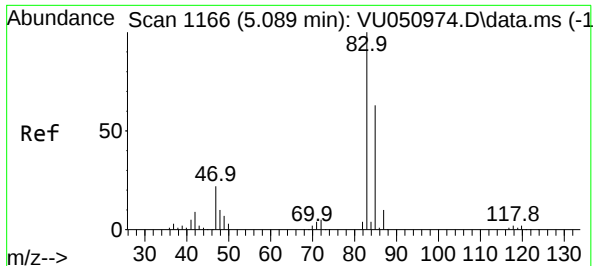


#26
Bromochloromethane
Concen: 0.372 ug/l
RT: 4.967 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58



Tgt Ion:128 Resp: 2031
Ion Ratio Lower Upper
128 100
49 147.7 0.0 324.6
130 133.9 103.0 154.4





#27

Chloroform

Concen: 0.408 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. 0.007 min

Lab File: VU053825.D

Acq: 21 Apr 2023 14:58

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2023

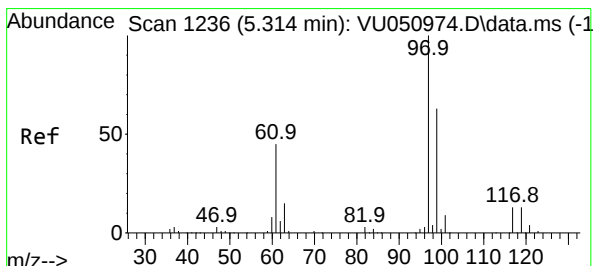
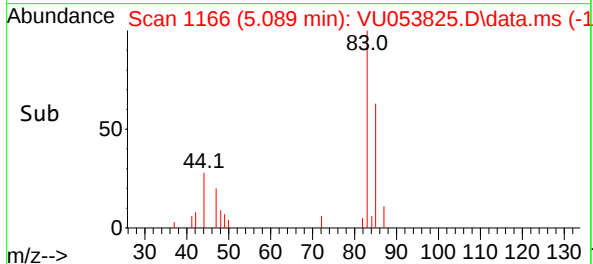
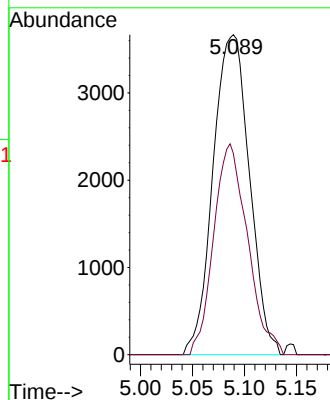
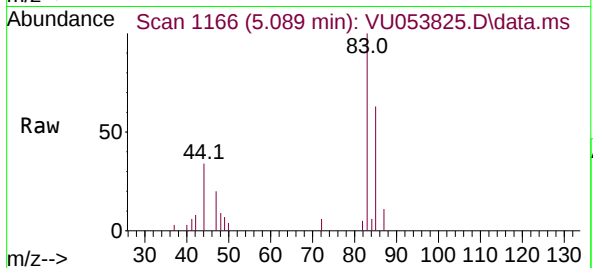
Tgt Ion: 83 Resp: 8940
 Ion Ratio Lower Upper
 83 100
 85 62.9 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#28

1,1,1-Trichloroethane

Concen: 0.418 ug/l

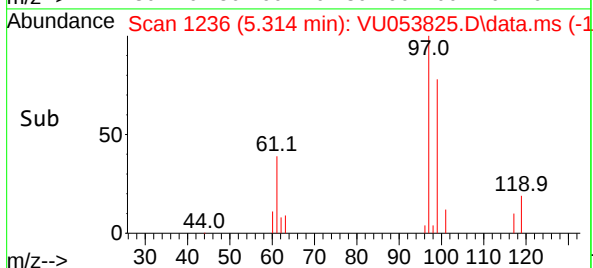
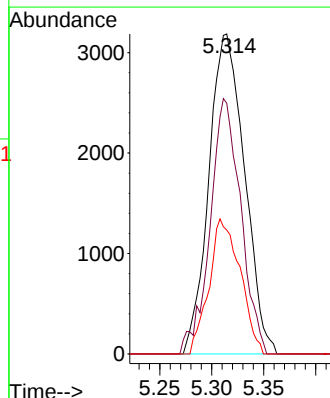
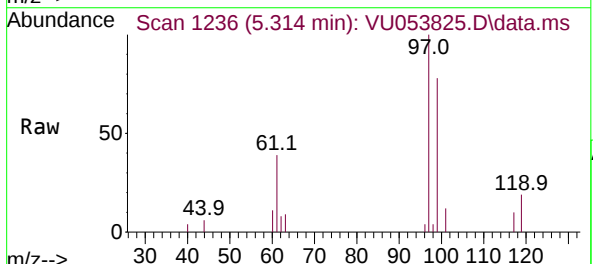
RT: 5.314 min Scan# 1236

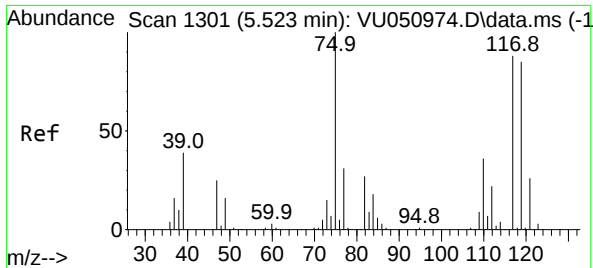
Delta R.T. 0.007 min

Lab File: VU053825.D

Acq: 21 Apr 2023 14:58

Tgt Ion: 97 Resp: 7604
 Ion Ratio Lower Upper
 97 100
 99 68.5 32.0 96.2
 61 36.8 22.9 68.5





#29

1,1-Dichloropropene

Concen: 0.453 ug/l

RT: 5.527 min Scan# 11

Delta R.T. 0.010 min

Lab File: VU053825.D

Acq: 21 Apr 2023 14:58

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion: 75 Resp: 524

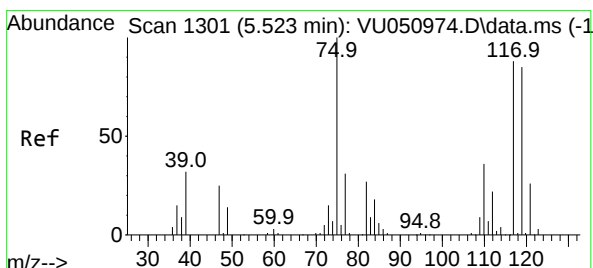
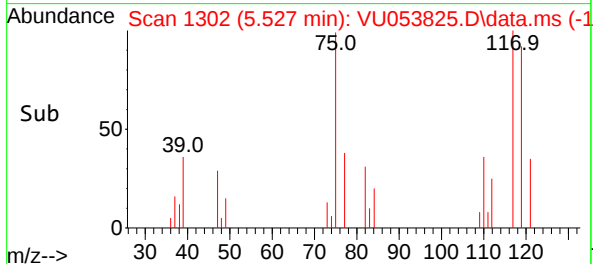
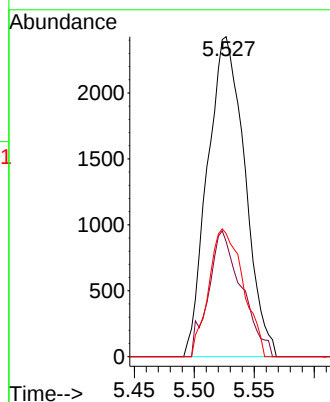
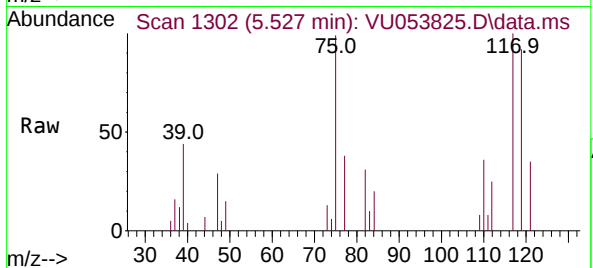
Ion	Ratio	Lower	Upper
75	100		
110	35.0	18.0	54.0
77	36.8	24.7	37.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#30

Carbon Tetrachloride

Concen: 0.447 ug/l

RT: 5.523 min Scan# 1301

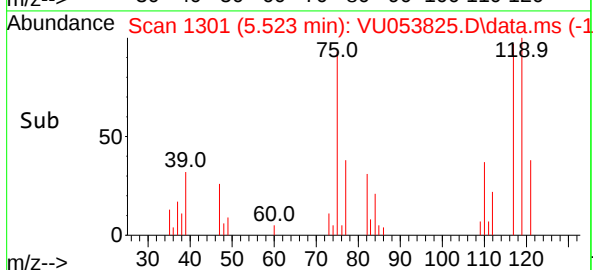
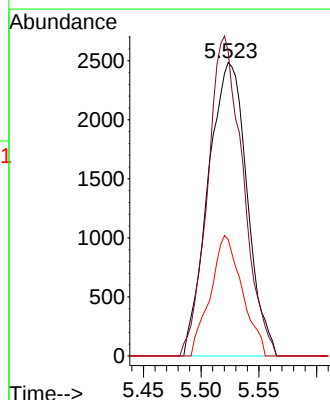
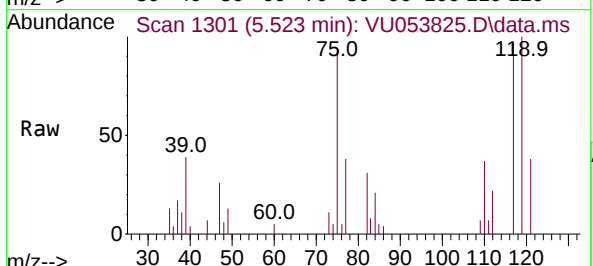
Delta R.T. 0.010 min

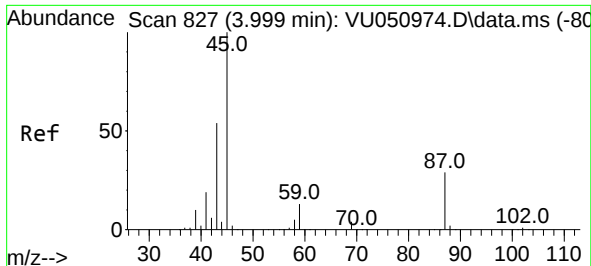
Lab File: VU053825.D

Acq: 21 Apr 2023 14:58

Tgt Ion:117 Resp: 5813

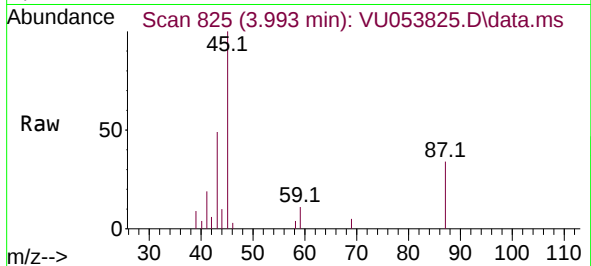
Ion	Ratio	Lower	Upper
117	100		
119	103.6	77.4	116.0
121	39.7	24.0	36.0





#31
Isopropyl Ether
Concen: 0.346 ug/l
RT: 3.993 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58

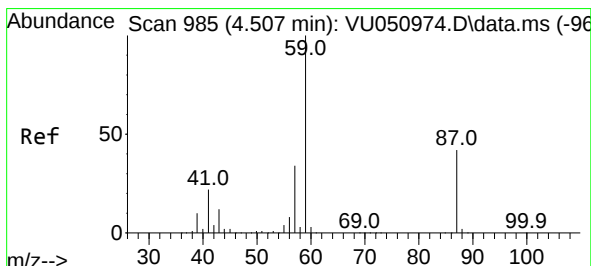
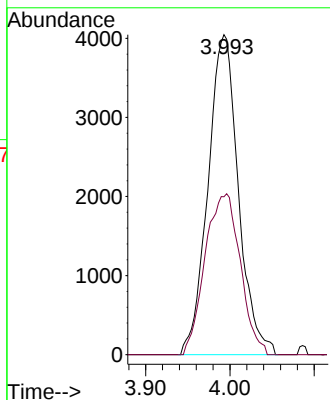
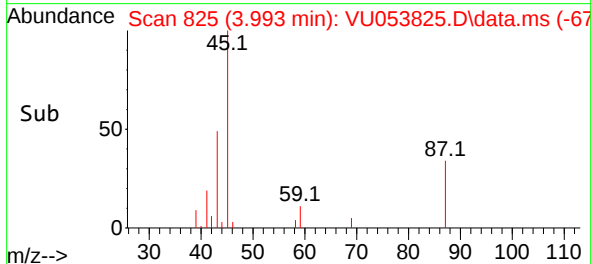
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023



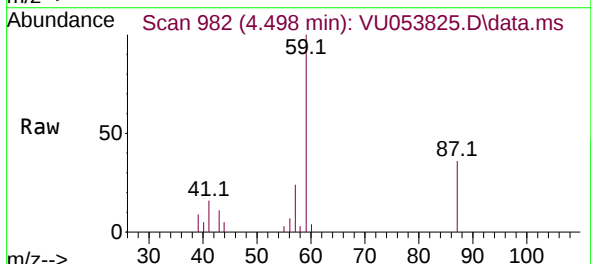
Tgt Ion: 45 Resp: 10154
Ion Ratio Lower Upper
45 100
43 58.2 27.5 82.5

Manual Integrations
APPROVED

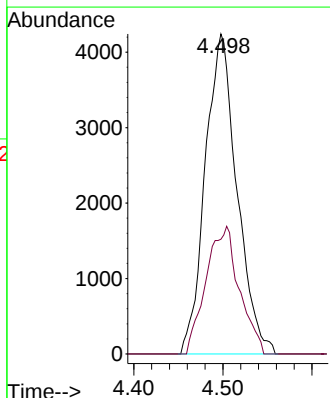
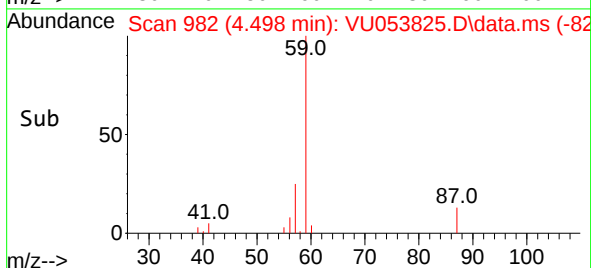
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

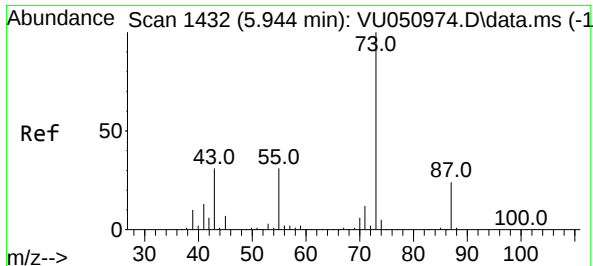


#32
Ethyl-t-butyl ether
Concen: 0.353 ug/l
RT: 4.498 min Scan# 982
Delta R.T. -0.009 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58



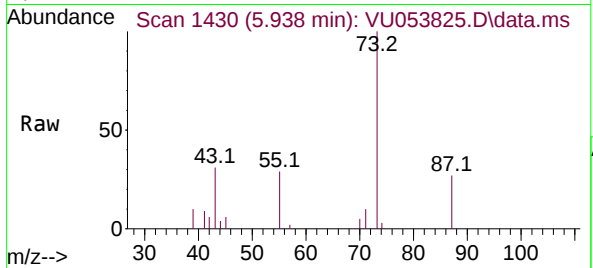
Tgt Ion: 59 Resp: 10507
Ion Ratio Lower Upper
59 100
87 41.7 33.5 50.3





#33
Tert-Amyl methyl ether
Concen: 0.421 ug/l
RT: 5.938 min Scan# 1432
Delta R.T. -0.006 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58

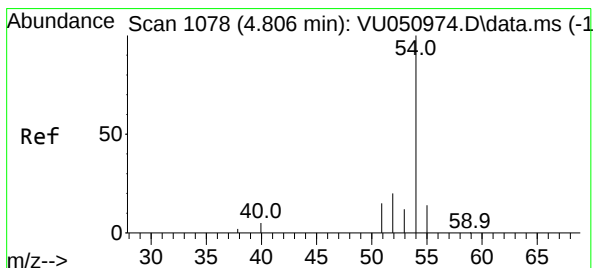
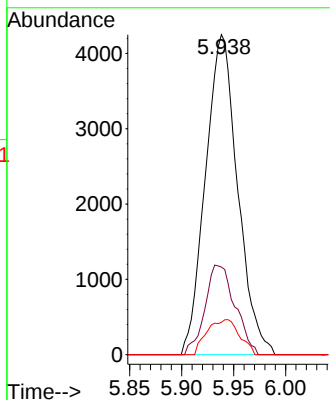
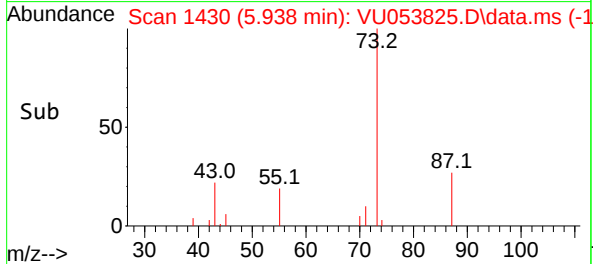
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion: 73 Resp: 9152
Ion Ratio Lower Upper
73 100
87 26.2 18.6 28.0
71 11.1 9.9 14.9

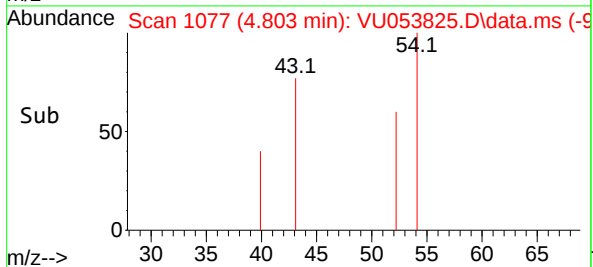
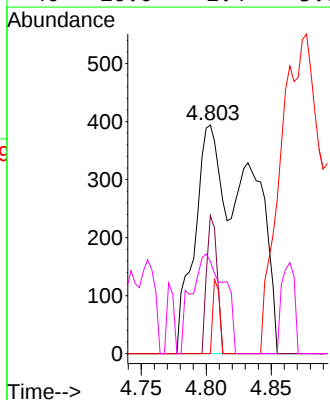
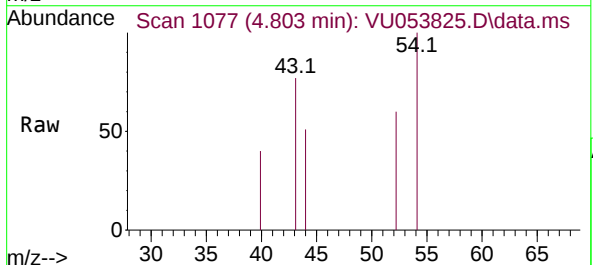
Manual Integrations
APPROVED

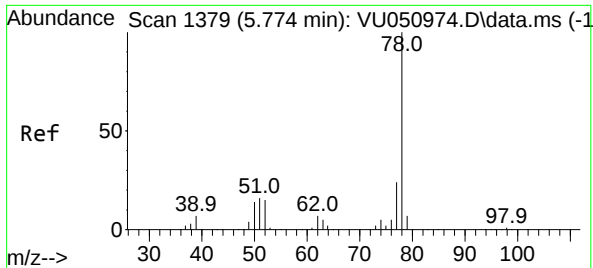
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#34
Propionitrile
Concen: 1.254 ug/l m
RT: 4.803 min Scan# 1077
Delta R.T. 0.026 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58

Tgt Ion: 54 Resp: 1157
Ion Ratio Lower Upper
54 100
52 11.6 17.4 26.0#
55 4.0 104.1 156.1#
40 26.0 2.4 3.6#





#35

Benzene

Concen: 0.497 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. 0.007 min

Lab File: VU053825.D

Acq: 21 Apr 2023 14:58

Instrument :

MSVOA_U

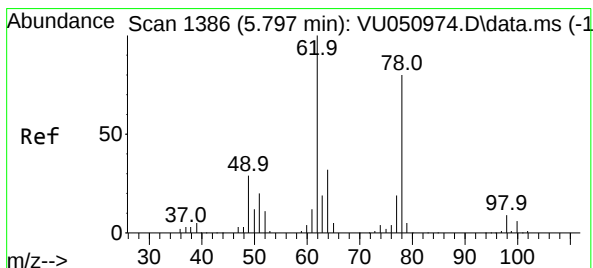
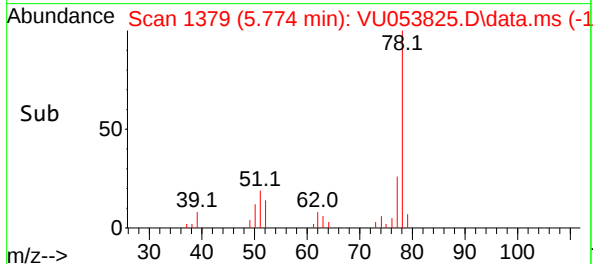
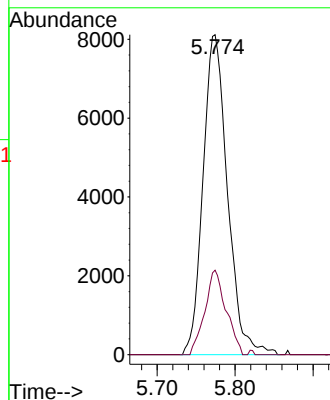
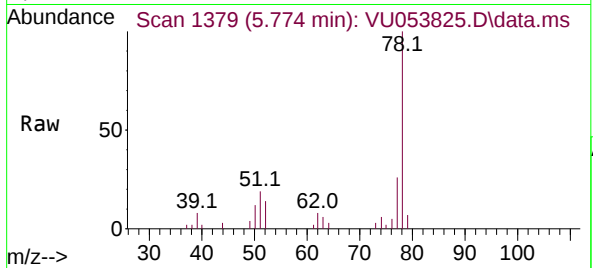
ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion: 78 Resp: 17738
 Ion Ratio Lower Upper
 78 100
 77 26.4 18.9 28.3

Manual Integrations
 APPROVED

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



#36

1,2-Dichloroethane

Concen: 0.433 ug/l

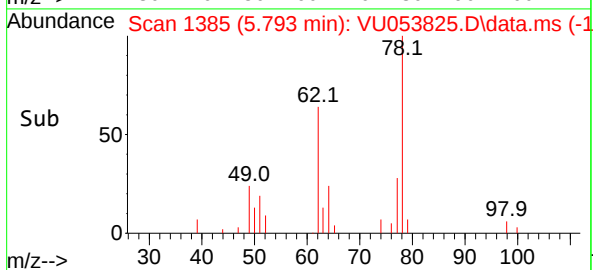
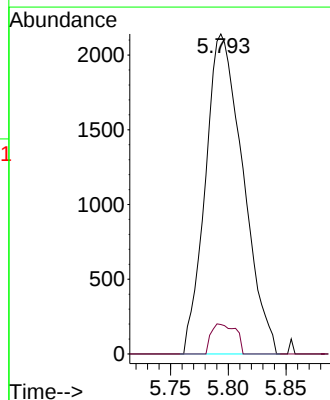
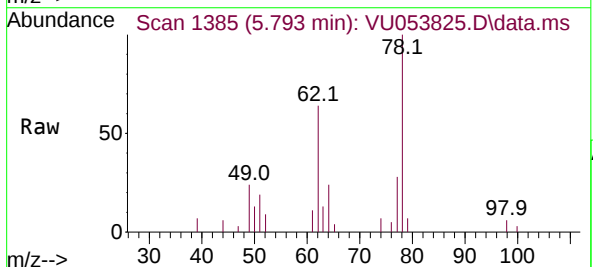
RT: 5.793 min Scan# 1385

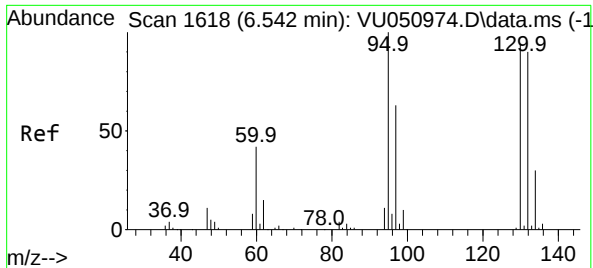
Delta R.T. 0.003 min

Lab File: VU053825.D

Acq: 21 Apr 2023 14:58

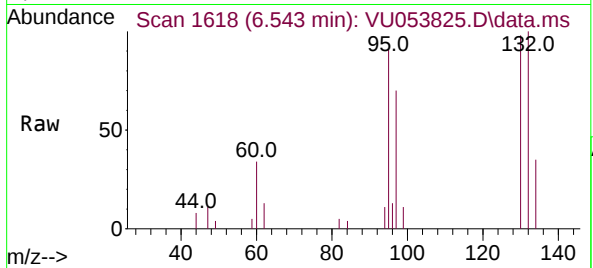
Tgt Ion: 62 Resp: 4847
 Ion Ratio Lower Upper
 62 100
 98 6.1 7.3 10.9#





#37
Trichloroethene
Concen: 0.485 ug/l
RT: 6.543 min Scan# 1618
Delta R.T. 0.007 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58

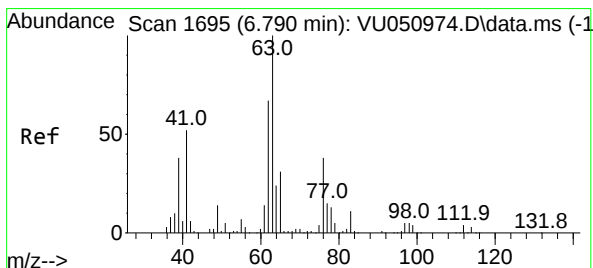
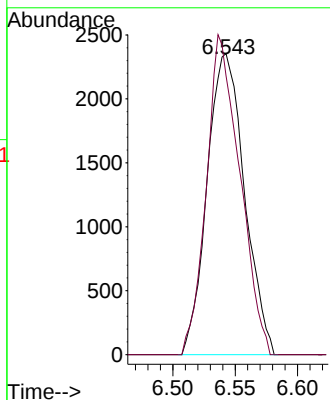
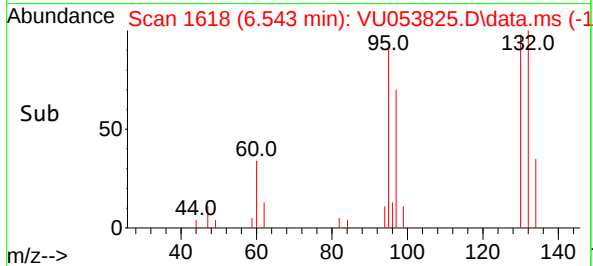
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:130 Resp: 4915
Ion Ratio Lower Upper
130 100
95 92.6 85.0 127.6

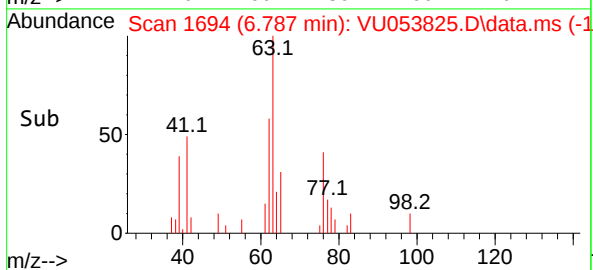
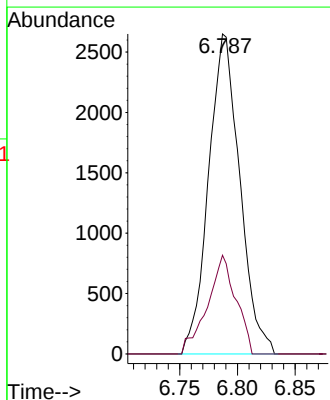
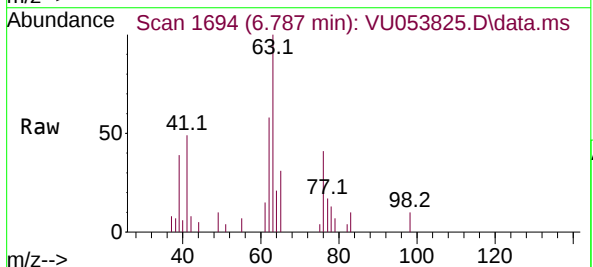
Manual Integrations
APPROVED

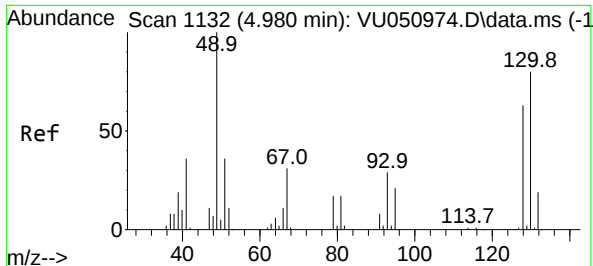
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#38
1,2-Dichloropropane
Concen: 0.491 ug/l
RT: 6.787 min Scan# 1694
Delta R.T. -0.003 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58

Tgt Ion: 63 Resp: 4979
Ion Ratio Lower Upper
63 100
65 30.8 24.9 37.3





#39

Methacrylonitrile

Concen: 0.331 ug/l m

RT: 4.999 min Scan# 1138

Delta R.T. 0.026 min

Lab File: VU053825.D

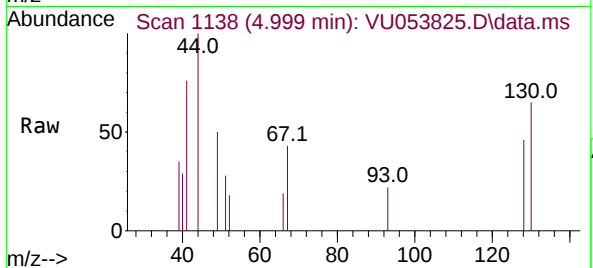
Acq: 21 Apr 2023 14:58

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2023



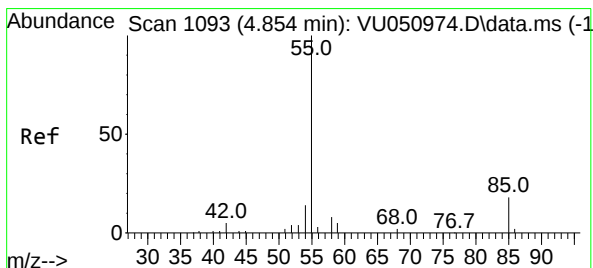
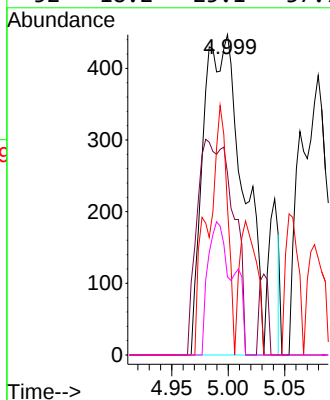
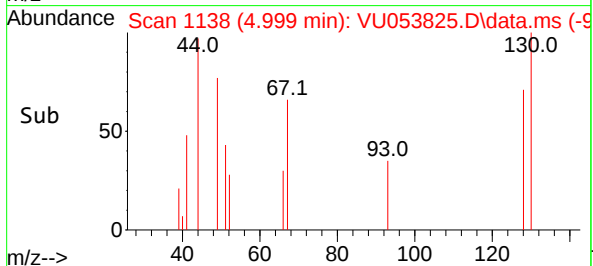
Tgt Ion:	41	Resp:	1218
Ion	Ratio	Lower	Upper
41	100		
67	55.1	66.8	100.2
39	34.2	41.2	61.8
52	18.2	25.1	37.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#40

Methyl acrylate

Concen: 0.266 ug/l m

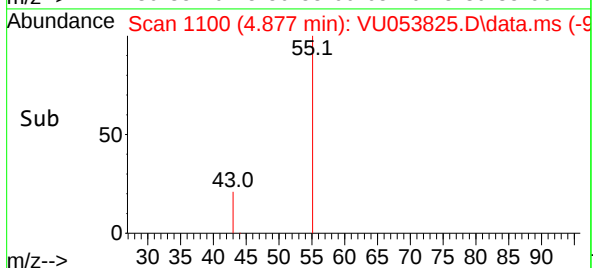
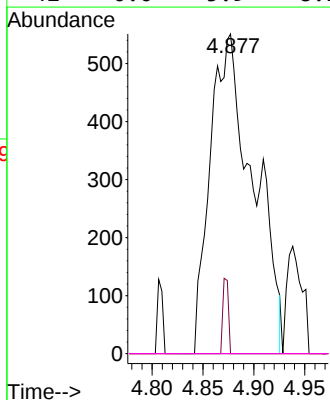
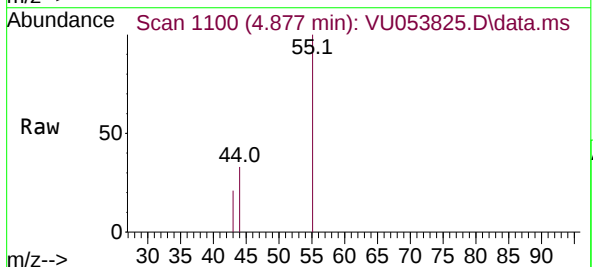
RT: 4.877 min Scan# 1100

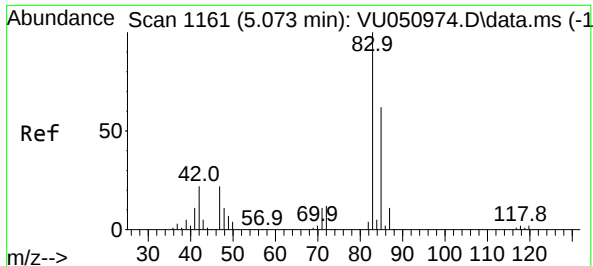
Delta R.T. 0.032 min

Lab File: VU053825.D

Acq: 21 Apr 2023 14:58

Tgt Ion:	55	Resp:	1618
Ion	Ratio	Lower	Upper
55	100		
85	0.0	13.3	19.9
58	0.0	6.5	9.7
42	0.0	5.9	8.9





#41

Tetrahydrofuran

Concen: 0.562 ug/l m

RT: 5.067 min Scan# 1161

Delta R.T. 0.003 min

Lab File: VU053825.D

Acq: 21 Apr 2023 14:58

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2023

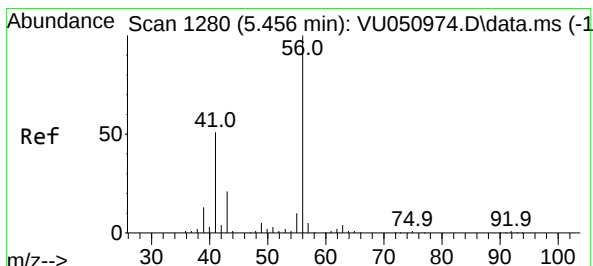
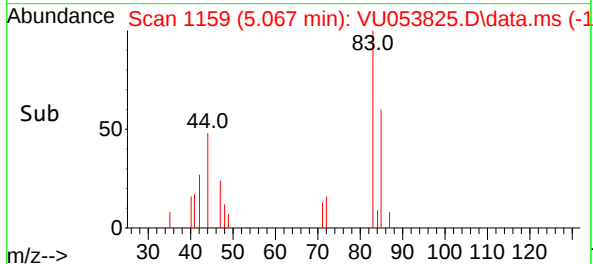
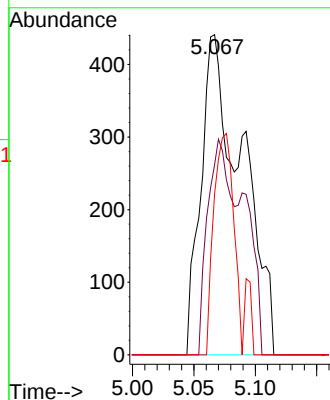
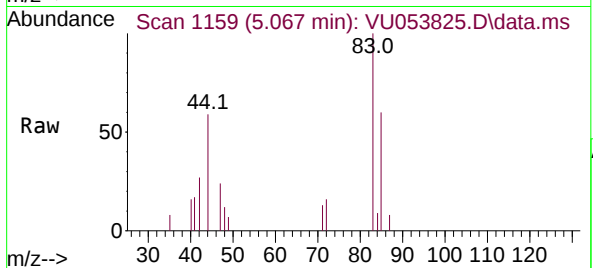
Tgt Ion:	42	Resp:	102
Ion Ratio	Lower	Upper	
42	100		
72	38.4	40.9	61.3
71	33.3	36.9	55.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#42

1-Chlorobutane

Concen: 0.410 ug/l

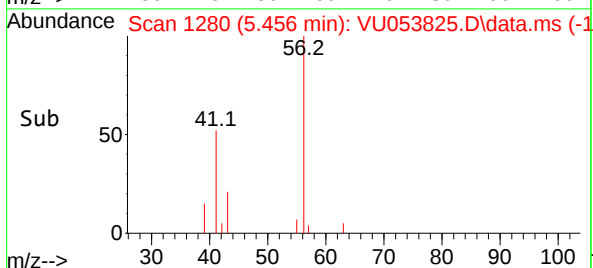
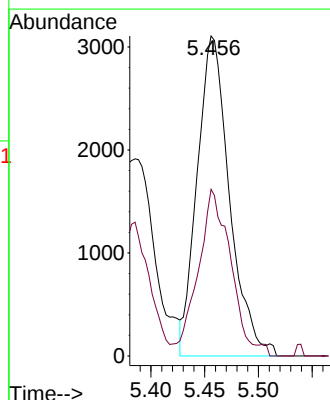
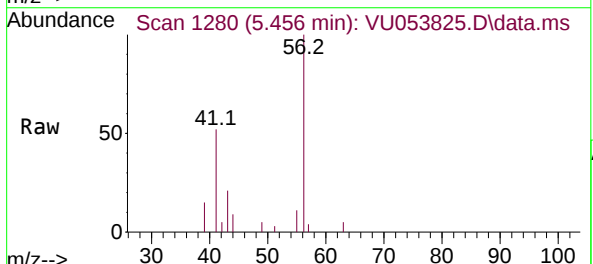
RT: 5.456 min Scan# 1280

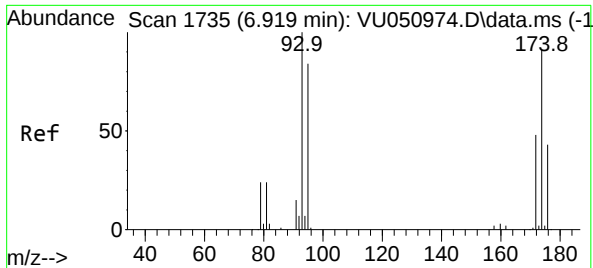
Delta R.T. 0.007 min

Lab File: VU053825.D

Acq: 21 Apr 2023 14:58

Tgt Ion:	56	Resp:	6486
Ion Ratio	Lower	Upper	
56	100		
41	46.1	25.2	75.6





#43

Dibromomethane

Concen: 0.394 ug/l

RT: 6.916 min Scan# 1734

Delta R.T. 0.000 min

Lab File: VU053825.D

Acq: 21 Apr 2023 14:58

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion: 93 Resp: 2028

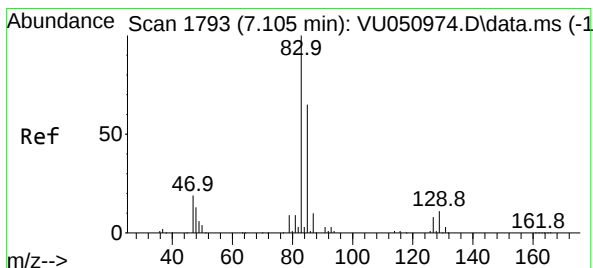
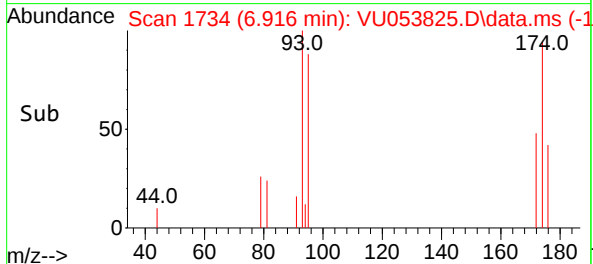
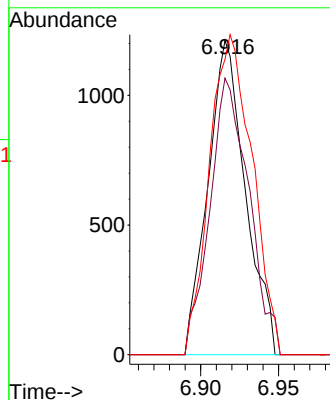
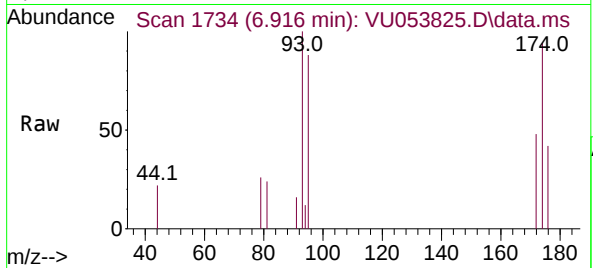
Ion	Ratio	Lower	Upper
93	100		
95	91.8	67.0	100.6
174	115.8	73.8	110.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#44

Bromodichloromethane

Concen: 0.431 ug/l

RT: 7.105 min Scan# 1793

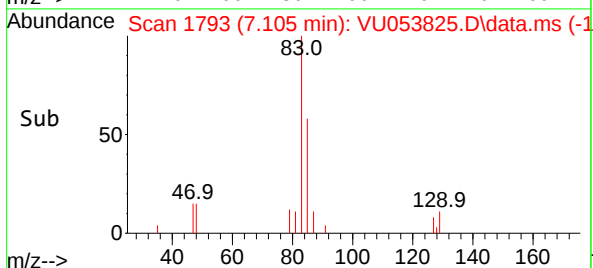
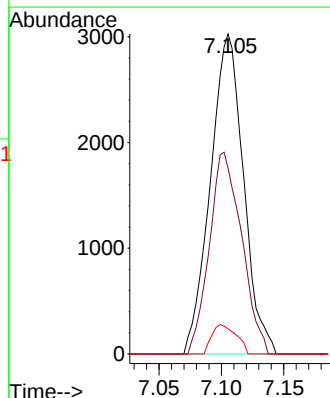
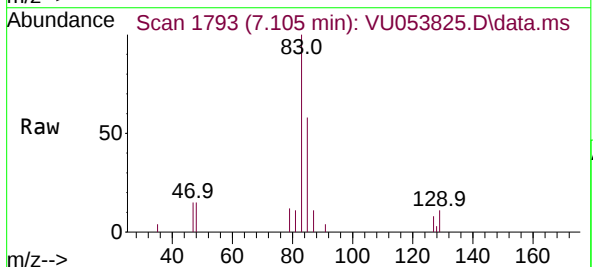
Delta R.T. 0.003 min

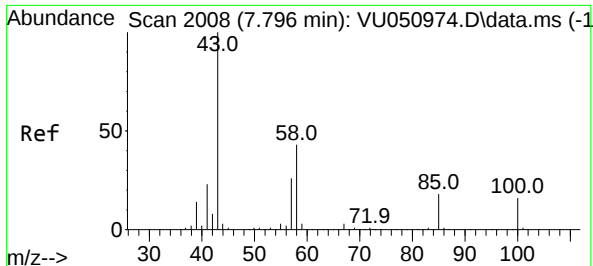
Lab File: VU053825.D

Acq: 21 Apr 2023 14:58

Tgt Ion: 83 Resp: 5591

Ion	Ratio	Lower	Upper
83	100		
85	58.1	51.9	77.9
127	7.8	6.7	10.1





#45

4-Methyl-2-Pentanone

Concen: 1.985 ug/l

RT: 7.790 min Scan# 2006

Delta R.T. -0.006 min

Lab File: VU053825.D

Acq: 21 Apr 2023 14:58

Instrument :

MSVOA_U

ClientSampleId :

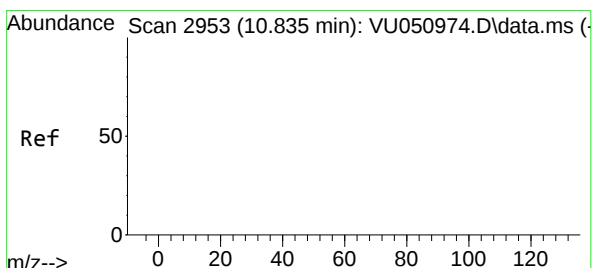
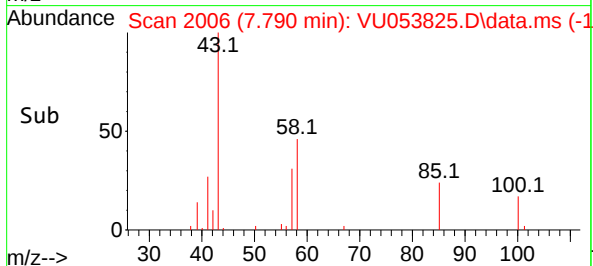
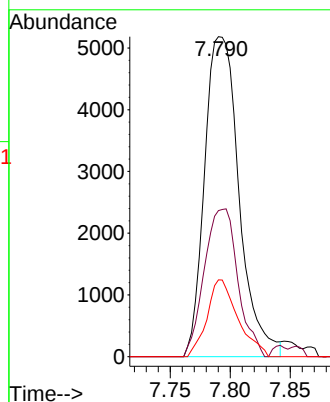
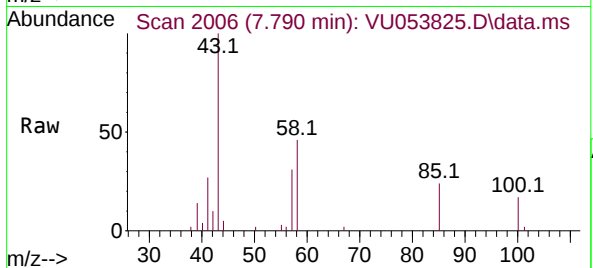
LOQ-WATER-02-QT2-2023

Tgt Ion: 43	Resp: 1039
Ion Ratio	Lower Upper
43 100	
58 44.8	20.9 62.8
85 21.5	14.6 21.8

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#46

t-1,4-Dichloro-2-butene

Concen: 0.761 ug/l m

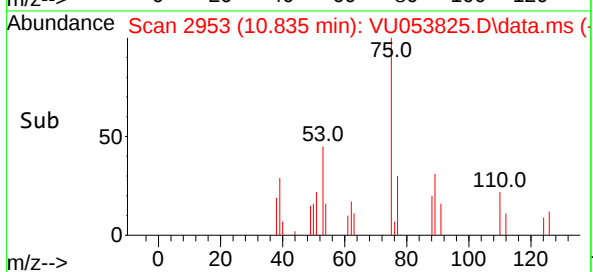
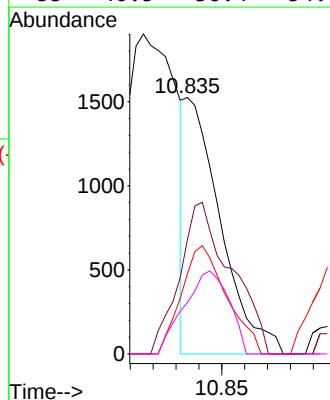
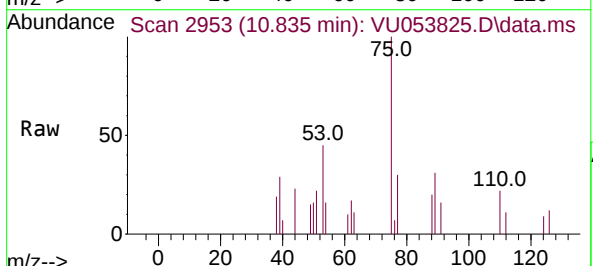
RT: 10.835 min Scan# 2953

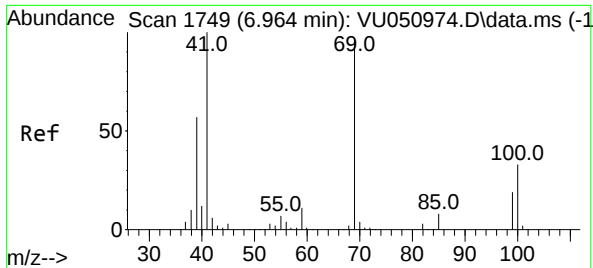
Delta R.T. 0.003 min

Lab File: VU053825.D

Acq: 21 Apr 2023 14:58

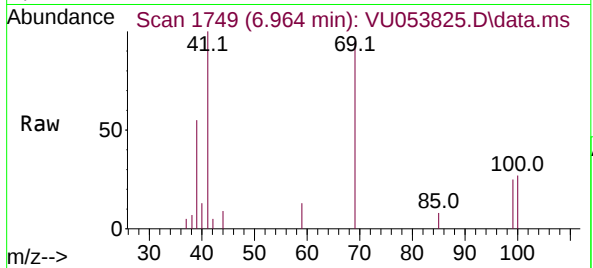
Tgt Ion: 75	Resp: 1655
Ion Ratio	Lower Upper
75 100	
53 84.8	73.3 109.9
89 53.2	48.2 72.4
88 40.5	36.4 54.6





#47
Methyl methacrylate
Concen: 0.818 ug/l
RT: 6.964 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58

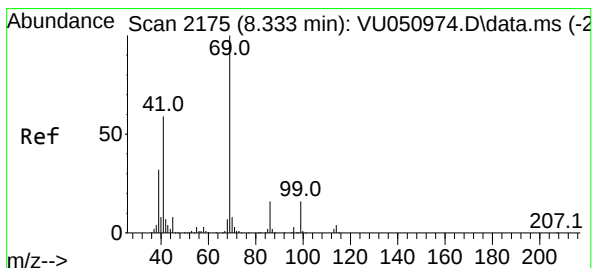
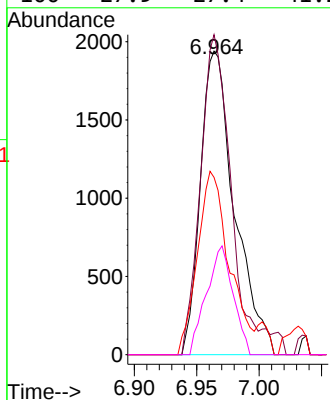
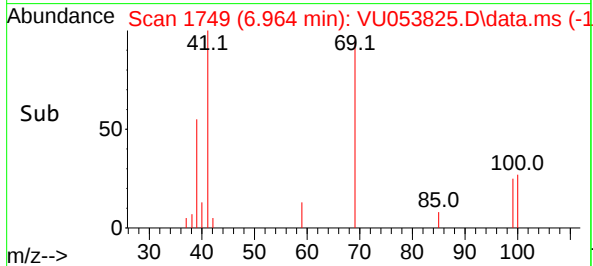
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023



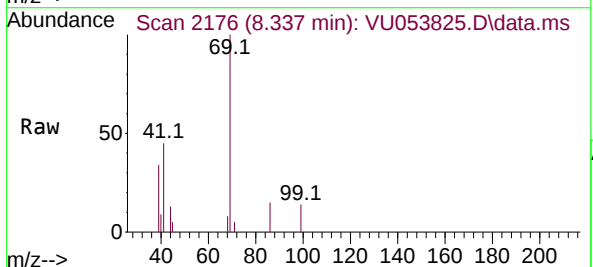
Tgt Ion: 69 Resp: 3700
Ion Ratio Lower Upper
69 100
41 96.5 0.0 209.2
39 56.5 46.7 70.1
100 27.9 27.4 41.2

Manual Integrations
APPROVED

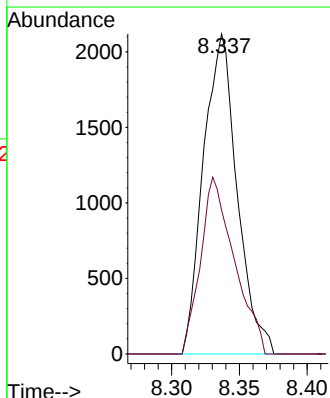
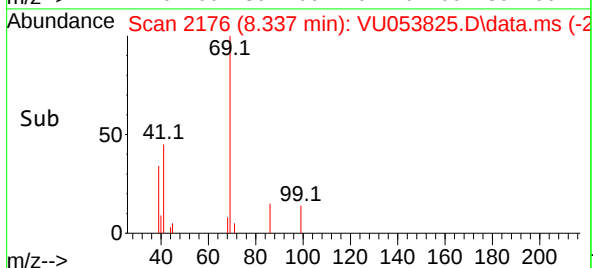
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

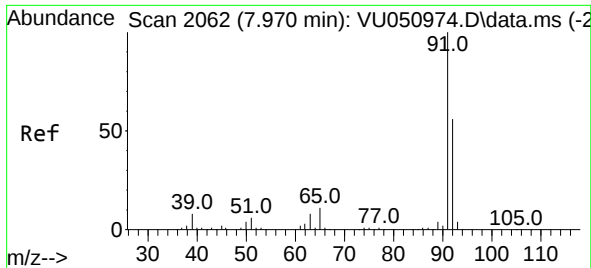


#48
Ethyl methacrylate
Concen: 0.413 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. 0.003 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58



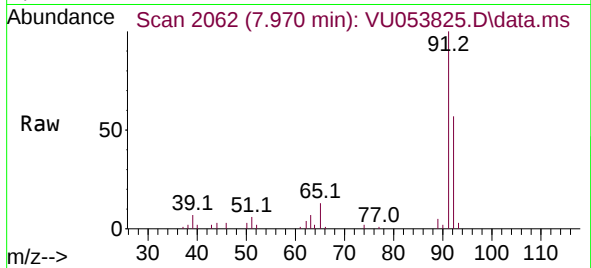
Tgt Ion: 69 Resp: 3656
Ion Ratio Lower Upper
69 100
41 55.5 30.3 90.8





#49
Toluene
Concen: 0.445 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.007 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58

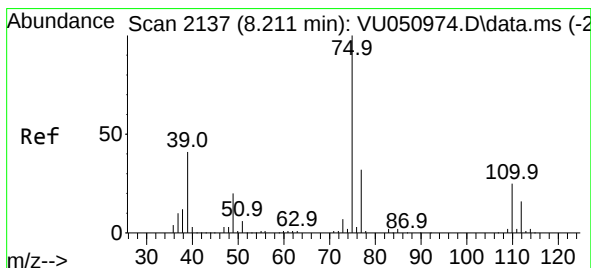
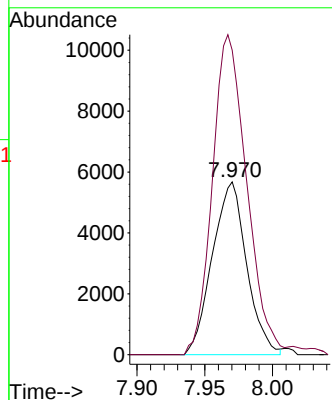
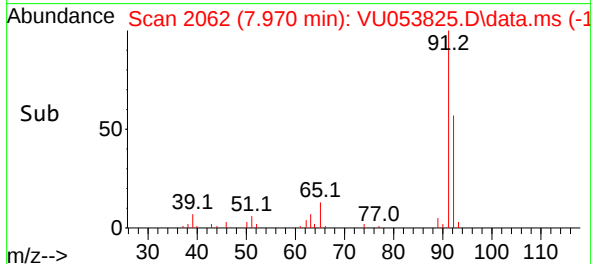
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion: 92 Resp: 999
Ion Ratio Lower Upper
92 100
91 184.6 143.0 214.6

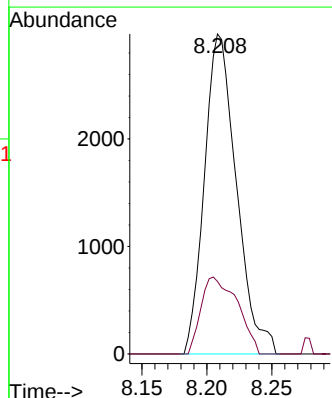
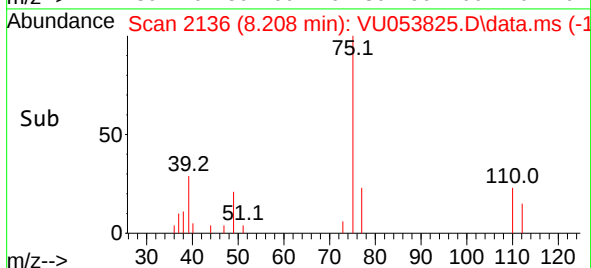
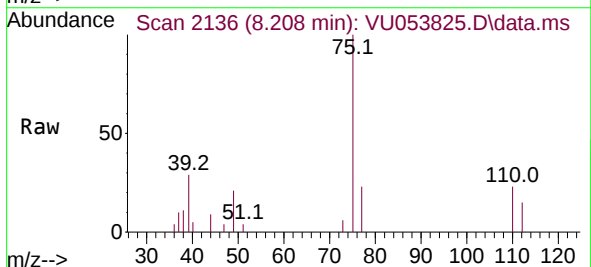
Manual Integrations
APPROVED

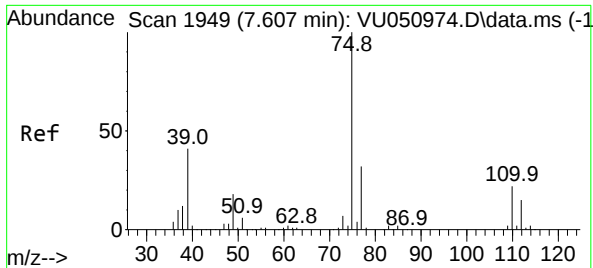
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#50
t-1,3-Dichloropropene
Concen: 0.437 ug/l
RT: 8.208 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58

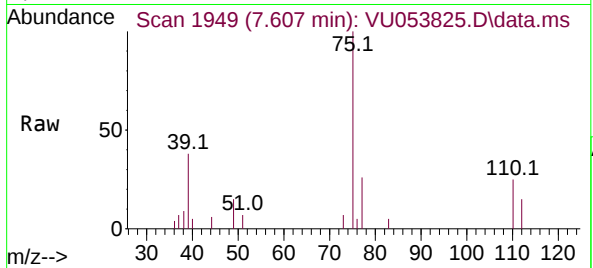
Tgt Ion: 75 Resp: 5091
Ion Ratio Lower Upper
75 100
77 22.6 25.3 37.9#





#51
 cis-1,3-Dichloropropene
 Concen: 0.451 ug/l
 RT: 7.607 min Scan# 1949
 Delta R.T. 0.003 min
 Lab File: VU053825.D
 Acq: 21 Apr 2023 14:58

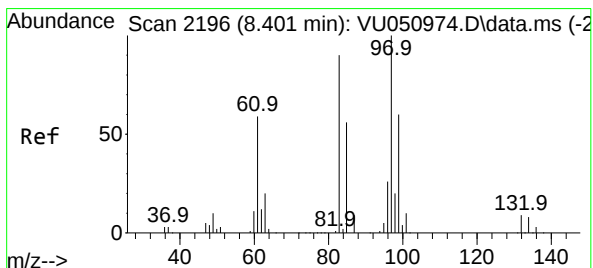
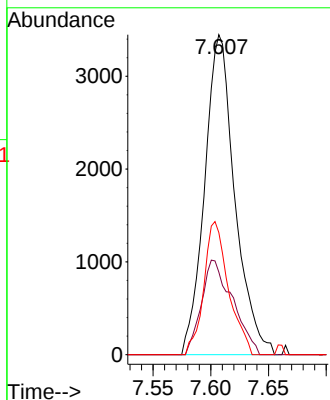
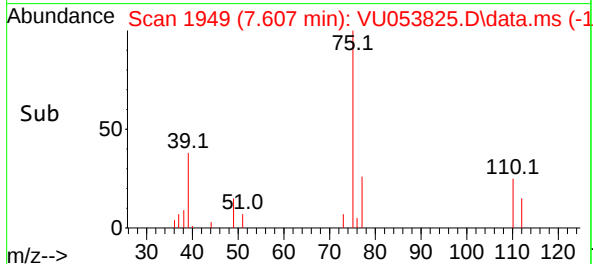
Instrument : MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2023



Tgt Ion: 75 Resp: 6274
 Ion Ratio Lower Upper
 75 100
 77 25.8 25.7 38.5
 39 38.2 32.8 49.2

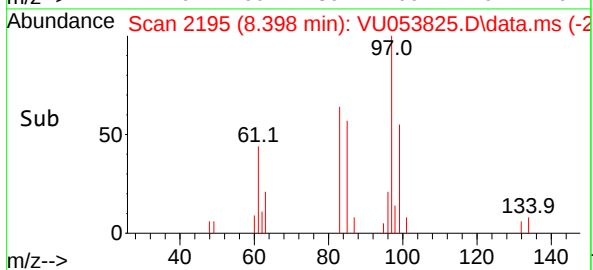
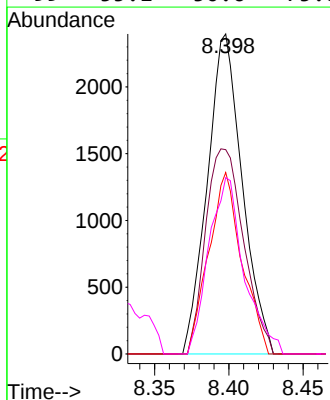
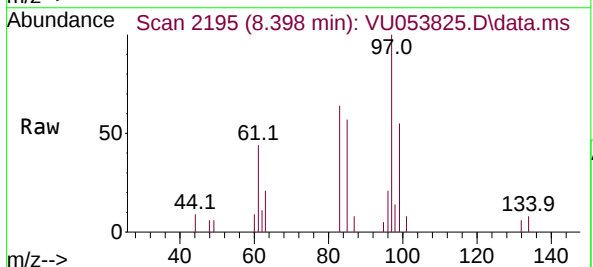
Manual Integrations
 APPROVED

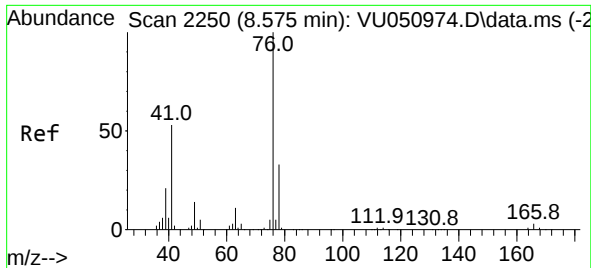
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023



#52
 1,1,2-Trichloroethane
 Concen: 0.481 ug/l
 RT: 8.398 min Scan# 2195
 Delta R.T. 0.000 min
 Lab File: VU053825.D
 Acq: 21 Apr 2023 14:58

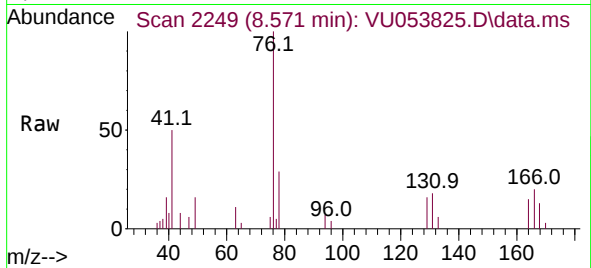
Tgt Ion: 97 Resp: 3925
 Ion Ratio Lower Upper
 97 100
 83 63.8 71.8 107.8#
 85 56.7 45.2 67.8
 99 55.1 50.6 75.8





#53
1,3-Dichloropropane
Concen: 0.433 ug/l
RT: 8.571 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58

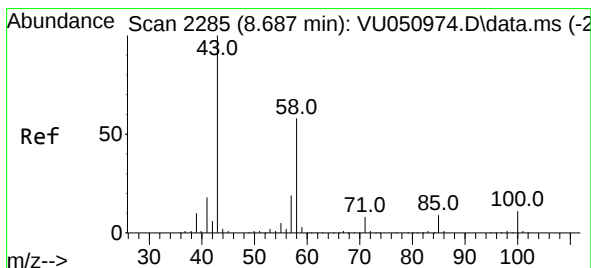
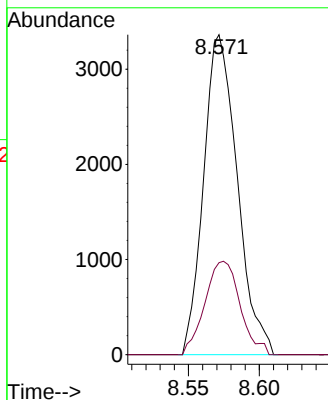
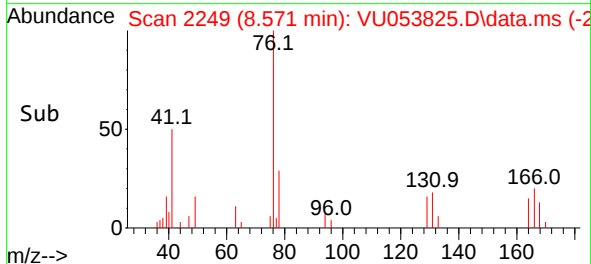
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2023



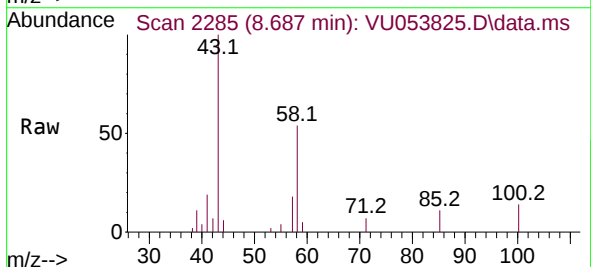
Tgt Ion: 76 Resp: 554
Ion Ratio Lower Upper
76 100
78 0.0 25.9 38.9

Manual Integrations
APPROVED

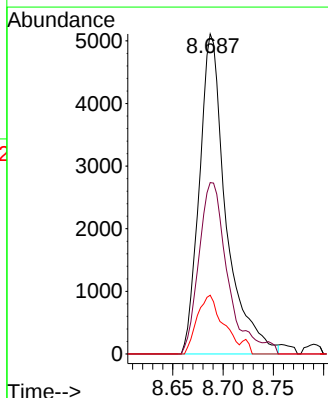
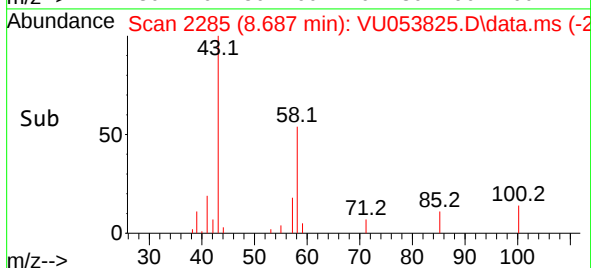
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

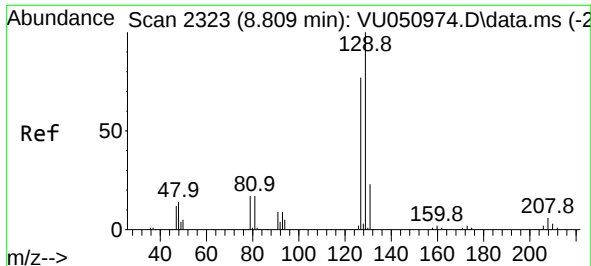


#54
2-Hexanone
Concen: 1.915 ug/l
RT: 8.687 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58



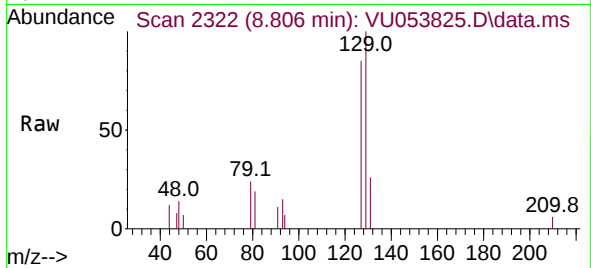
Tgt Ion: 43 Resp: 9404
Ion Ratio Lower Upper
43 100
58 58.4 38.2 78.2
57 17.9 0.0 39.1





#55
 Dibromochloromethane
 Concen: 0.392 ug/l
 RT: 8.806 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU053825.D
 Acq: 21 Apr 2023 14:58

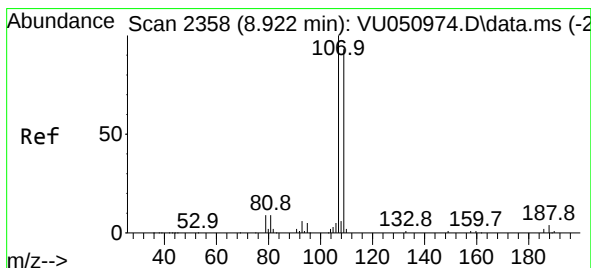
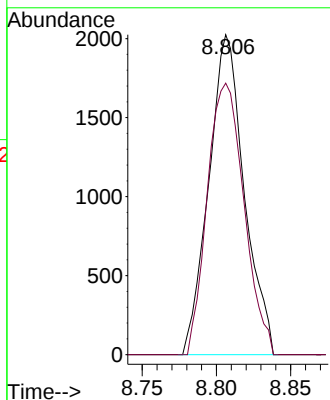
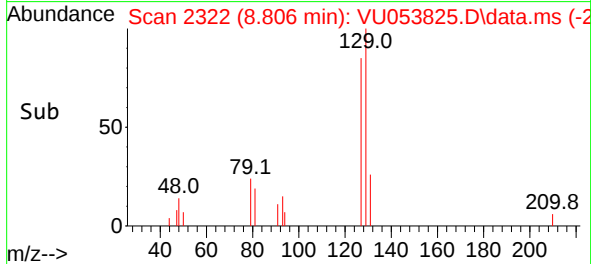
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2023



Tgt Ion:129 Resp: 3364
 Ion Ratio Lower Upper
 129 100
 127 87.9 61.4 92.0

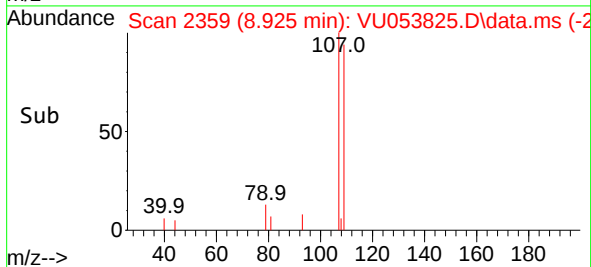
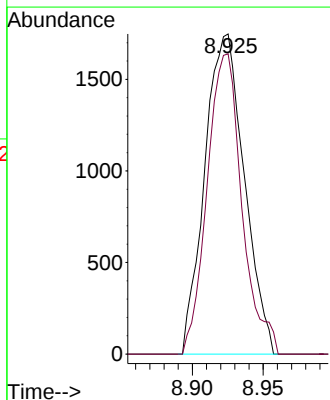
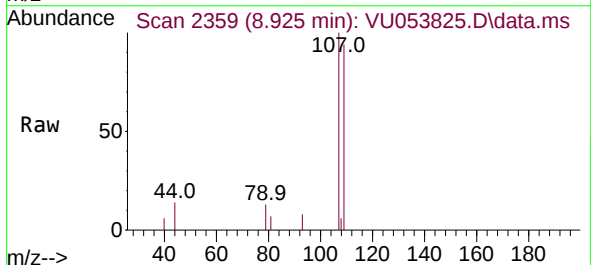
Manual Integrations
 APPROVED

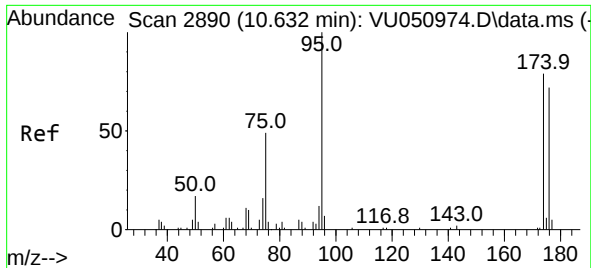
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023



#56
 1,2-Dibromoethane
 Concen: 0.481 ug/l
 RT: 8.925 min Scan# 2359
 Delta R.T. 0.003 min
 Lab File: VU053825.D
 Acq: 21 Apr 2023 14:58

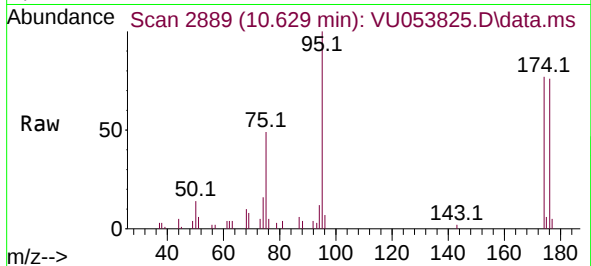
Tgt Ion:107 Resp: 3388
 Ion Ratio Lower Upper
 107 100
 109 82.6 0.0 184.4





#57
4-Bromofluorobenzene
Concen: 0.912 ug/l
RT: 10.629 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58

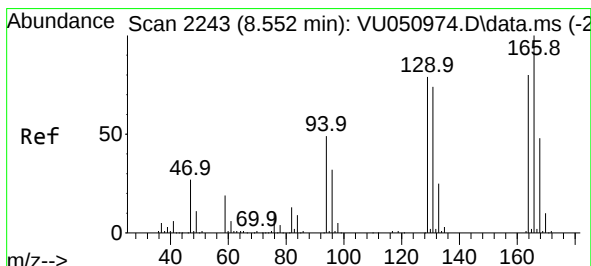
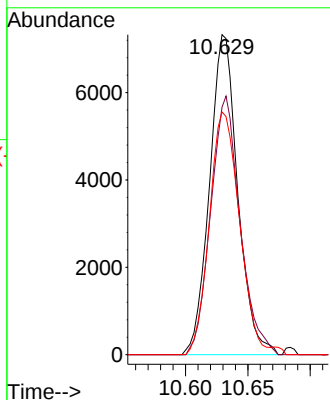
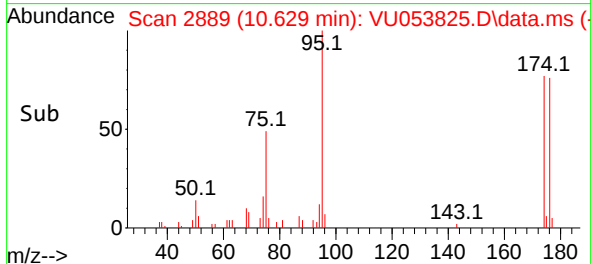
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023



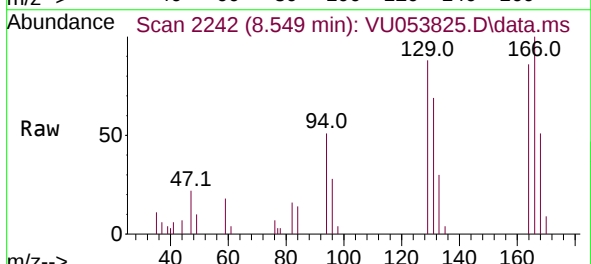
Tgt Ion: 95 Resp: 1153
Ion Ratio Lower Upper
95 100
174 83.7 63.3 94.9
176 81.8 59.3 88.9

Manual Integrations
APPROVED

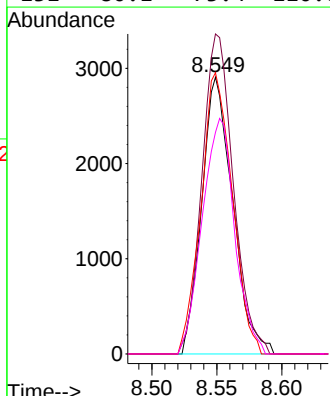
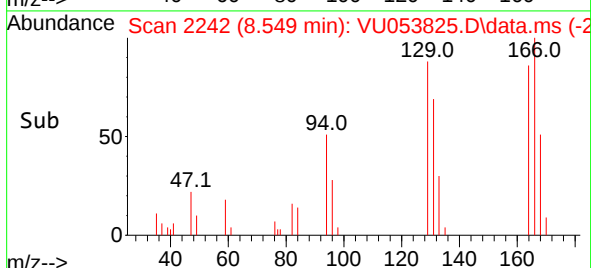
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

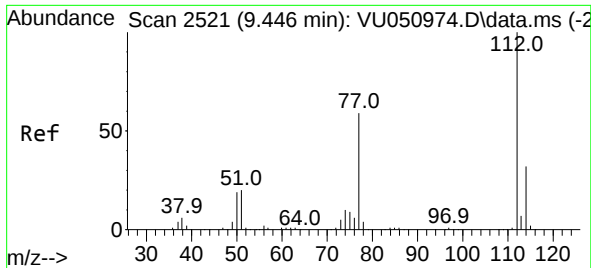


#58
Tetrachloroethene
Concen: 0.493 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58



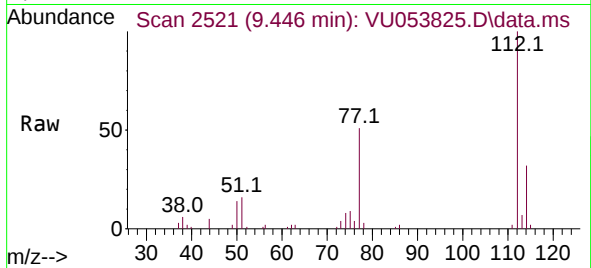
Tgt Ion:164 Resp: 4827
Ion Ratio Lower Upper
164 100
166 115.6 99.6 149.4
129 101.6 78.6 117.8
131 80.1 73.4 110.0





#59
Chlorobenzene
Concen: 0.492 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58

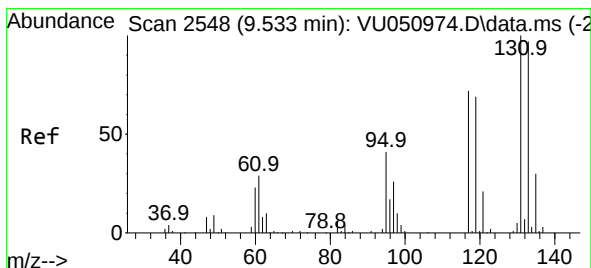
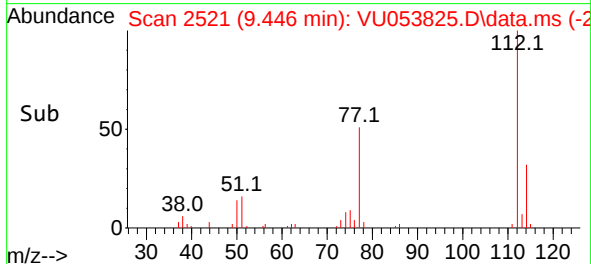
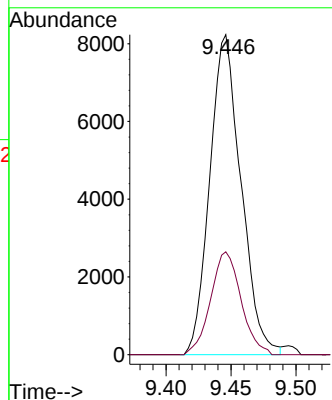
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2023



Tgt Ion:112 Resp: 1376
Ion Ratio Lower Upper
112 100
114 32.1 25.6 38.4

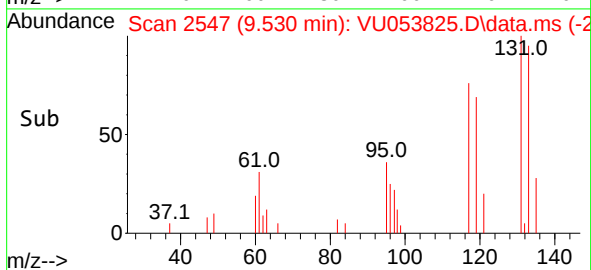
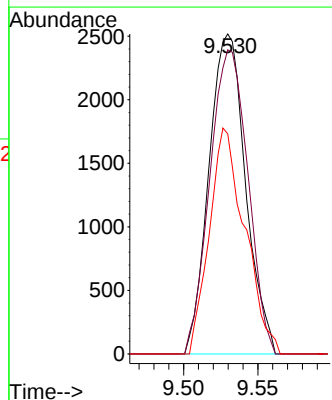
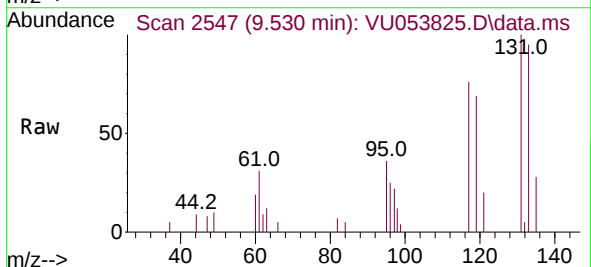
Manual Integrations
APPROVED

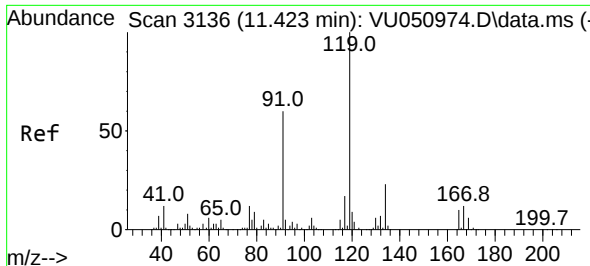
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#60
1,1,1,2-Tetrachloroethane
Concen: 0.429 ug/l
RT: 9.530 min Scan# 2547
Delta R.T. 0.000 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58

Tgt Ion:131 Resp: 4326
Ion Ratio Lower Upper
131 100
133 98.8 77.8 116.6
119 68.3 55.2 82.8





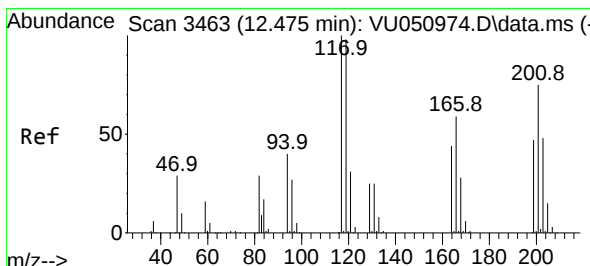
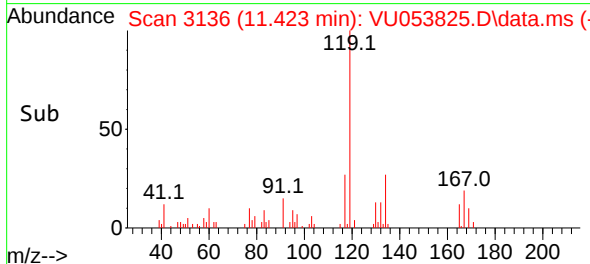
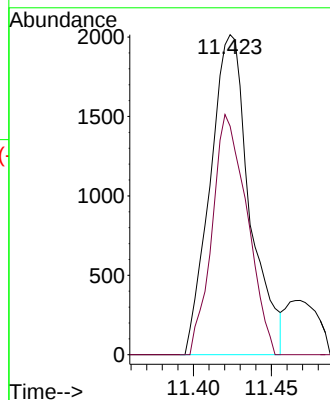
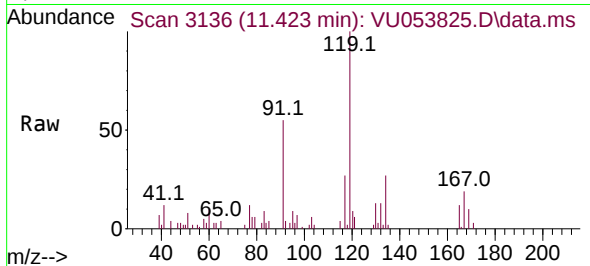
#61
Pentachloroethane
Concen: 0.457 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58

Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2023

Tgt Ion:117 Resp: 355
Ion Ratio Lower Upper
117 100
167 66.4 56.7 85.1

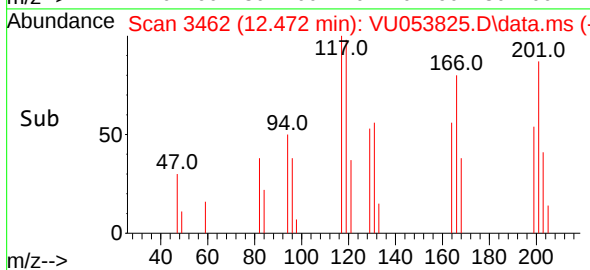
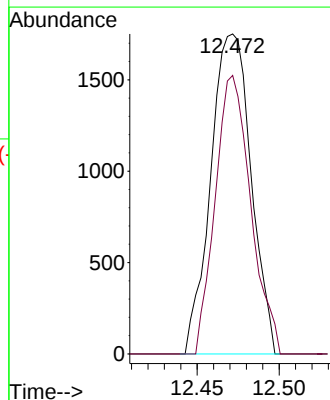
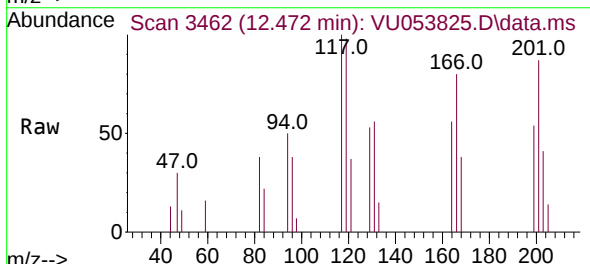
Manual Integrations
APPROVED

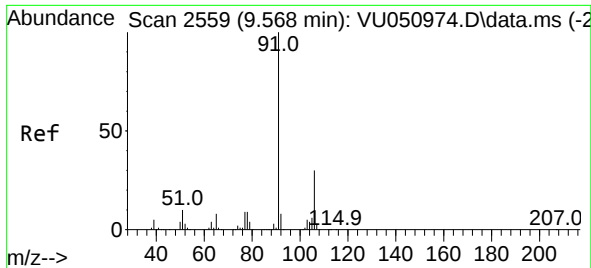
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#62
Hexachloroethane
Concen: 0.395 ug/l
RT: 12.472 min Scan# 3462
Delta R.T. 0.000 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58

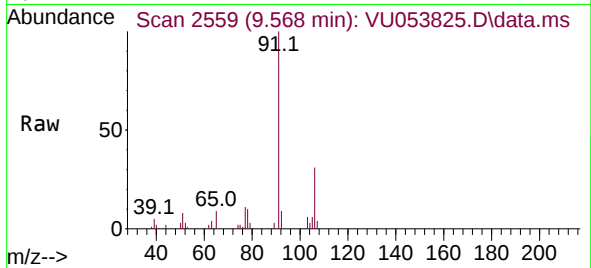
Tgt Ion:117 Resp: 2994
Ion Ratio Lower Upper
117 100
201 76.6 59.6 89.4





#63
Ethyl Benzene
Concen: 0.442 ug/l
RT: 9.568 min Scan# 2559
Delta R.T. 0.003 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58

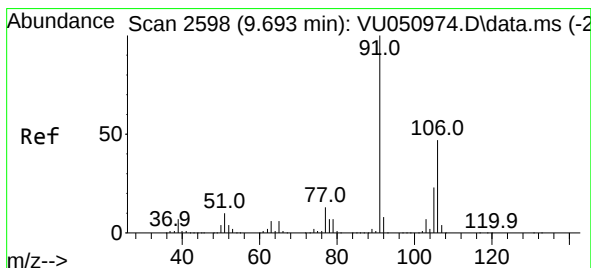
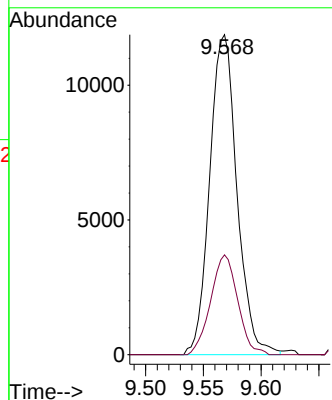
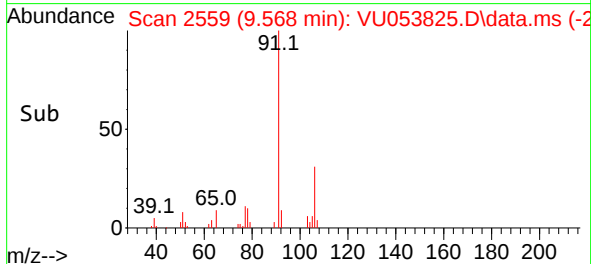
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023



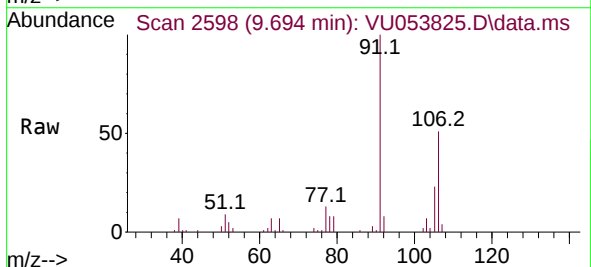
Tgt Ion: 91 Resp: 19530
Ion Ratio Lower Upper
91 100
106 31.2 24.2 36.2

Manual Integrations
APPROVED

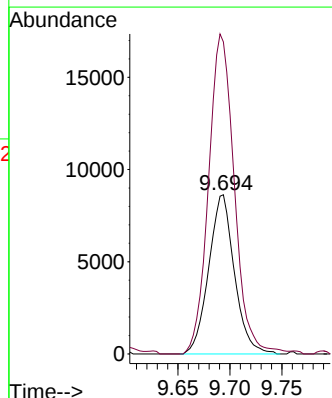
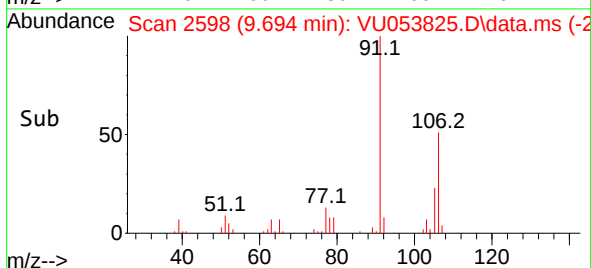
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

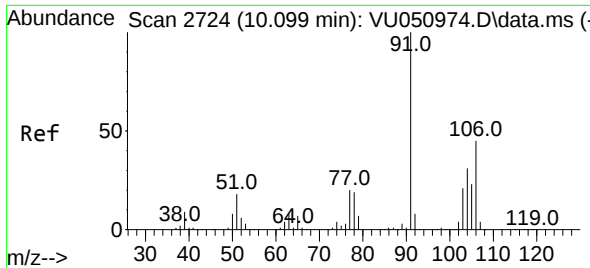


#64
m/p-Xylenes
Concen: 0.854 ug/l
RT: 9.694 min Scan# 2598
Delta R.T. 0.003 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58



Tgt Ion:106 Resp: 14859
Ion Ratio Lower Upper
106 100
91 201.6 167.3 250.9





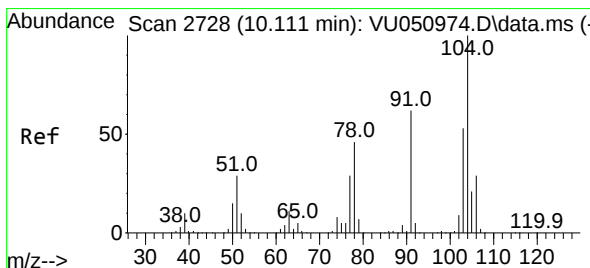
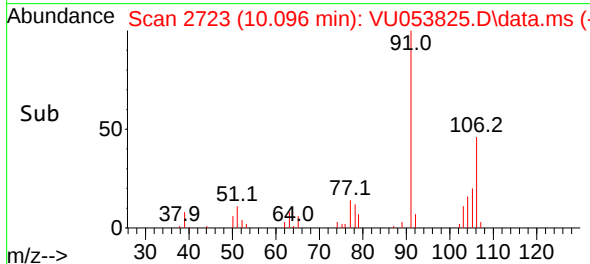
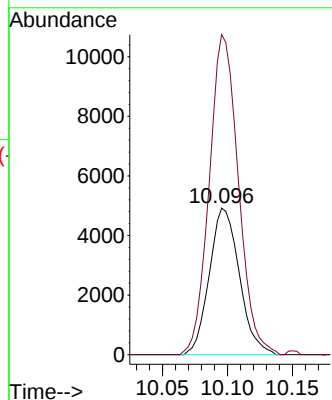
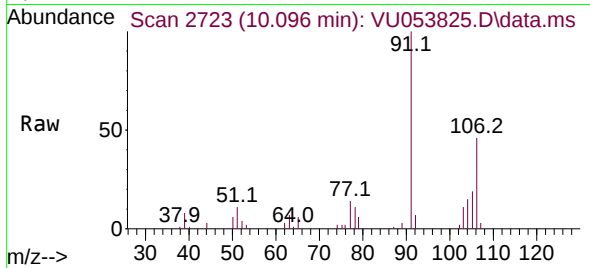
#65
o-Xylene
Concen: 0.451 ug/l
RT: 10.096 min Scan# 2724
Delta R.T. -0.003 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58

Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023

Tgt Ion:106 Resp: 791
Ion Ratio Lower Upper
106 100
91 211.9 109.3 327.9

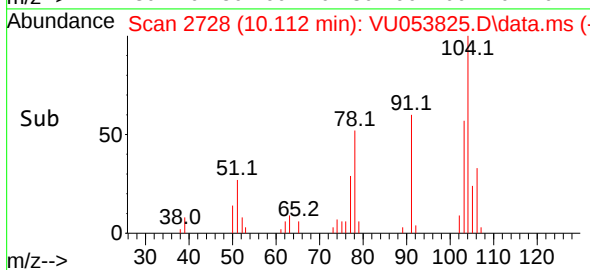
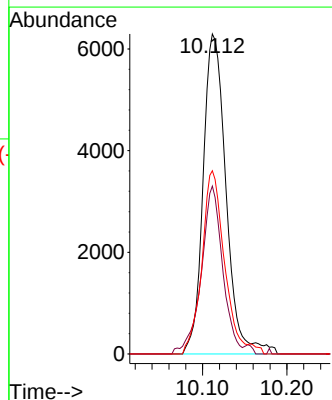
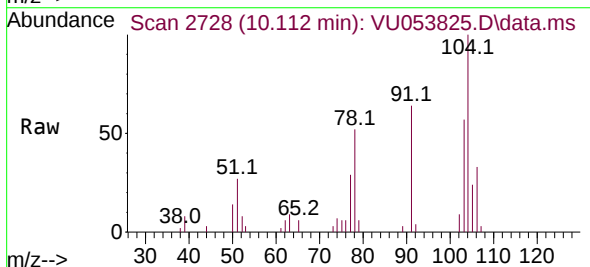
Manual Integrations
APPROVED

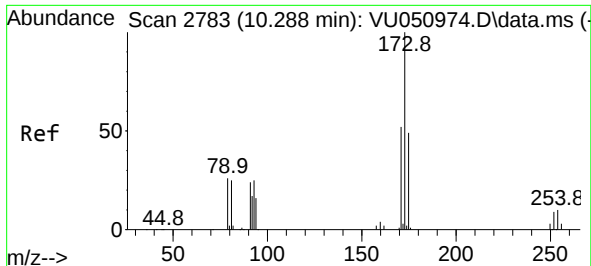
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#66
Styrene
Concen: 0.427 ug/l
RT: 10.112 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58

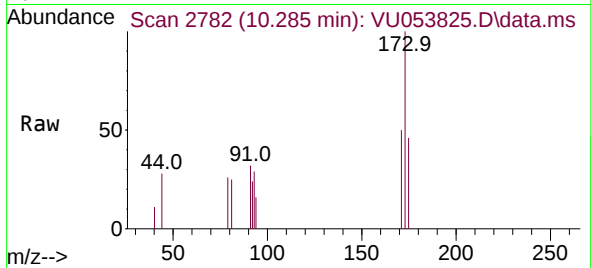
Tgt Ion:104 Resp: 11912
Ion Ratio Lower Upper
104 100
78 48.7 39.7 59.5
103 57.0 44.8 67.2





#67
Bromoform
Concen: 0.448 ug/l
RT: 10.285 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58

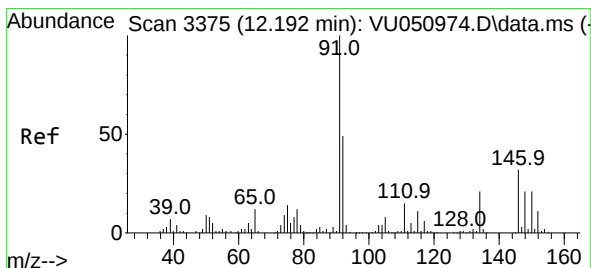
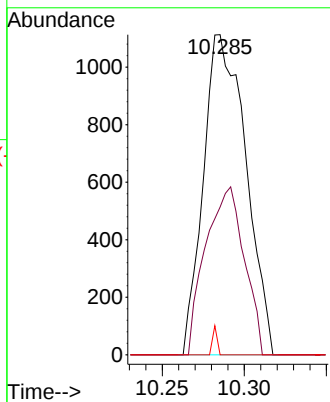
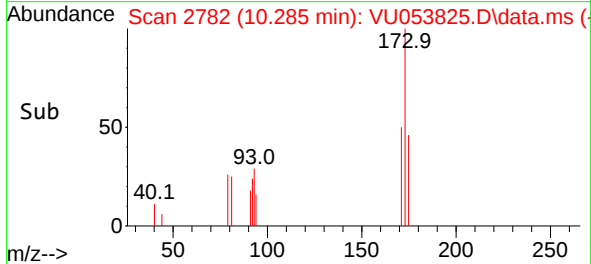
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023



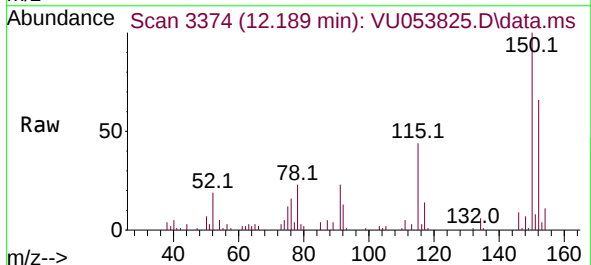
Tgt Ion:173 Resp: 1998
Ion Ratio Lower Upper
173 100
175 47.8 39.0 58.6
254 1.0 7.4 11.0

Manual Integrations
APPROVED

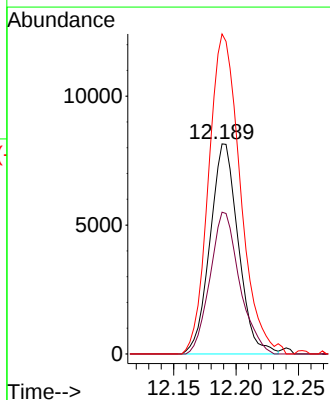
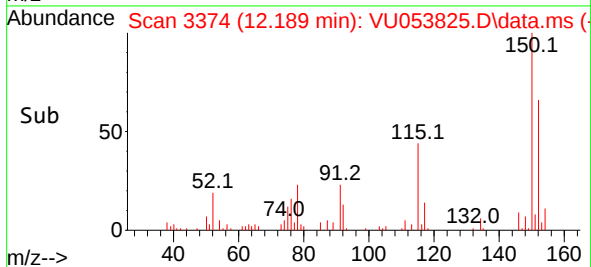
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

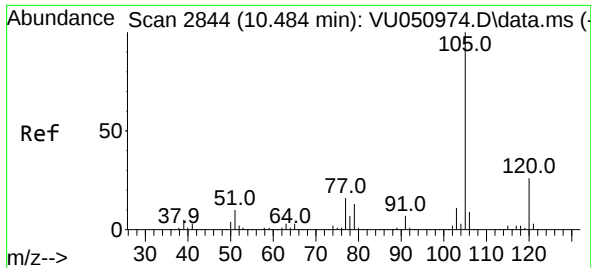


#68
1,2-Dichlorobenzene-d4
Concen: 0.856 ug/l
RT: 12.189 min Scan# 3374
Delta R.T. 0.000 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58



Tgt Ion:152 Resp: 12872
Ion Ratio Lower Upper
152 100
115 70.3 0.0 308.8
150 170.5 0.0 635.0





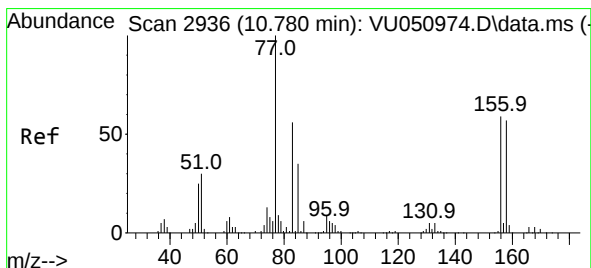
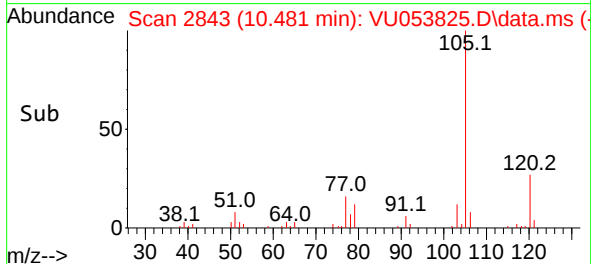
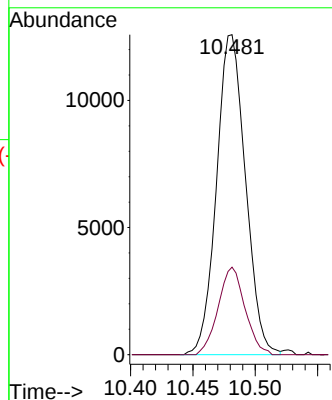
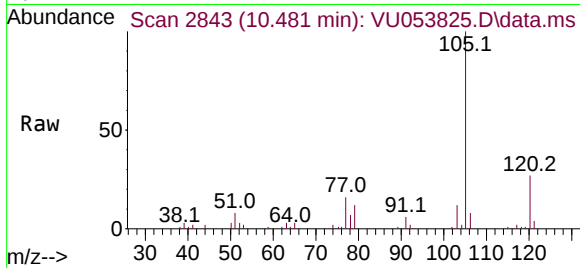
#69
Isopropylbenzene
Concen: 0.444 ug/l
RT: 10.481 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023

Tgt Ion:105 Resp: 2036
Ion Ratio Lower Upper
105 100
120 25.3 12.8 38.4

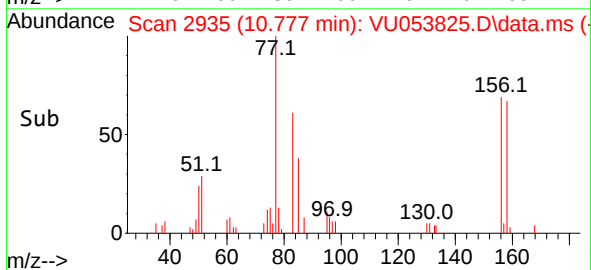
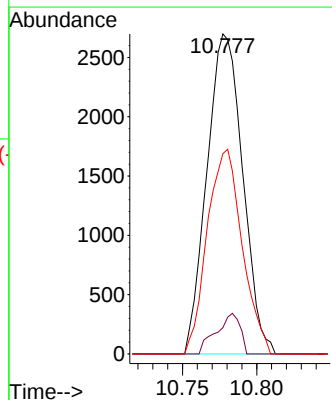
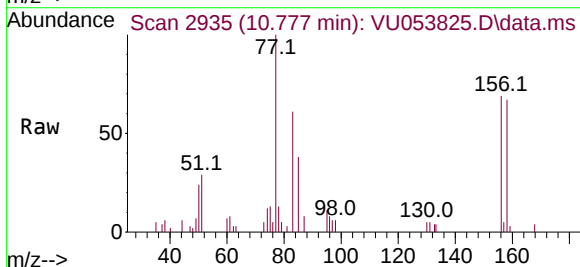
Manual Integrations
APPROVED

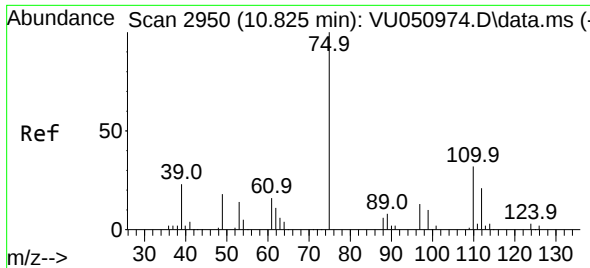
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#70
1,1,2,2-Tetrachloroethane
Concen: 0.430 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. 0.000 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58

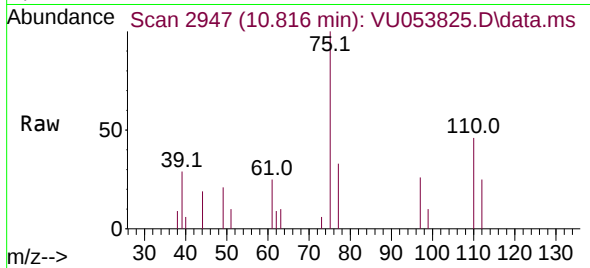
Tgt Ion: 83 Resp: 4523
Ion Ratio Lower Upper
83 100
131 8.4 7.2 10.8
85 62.4 50.5 75.7





#71
1,2,3-Trichloropropane
Concen: 0.409 ug/l m
RT: 10.816 min Scan# 2947
Delta R.T. -0.006 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58

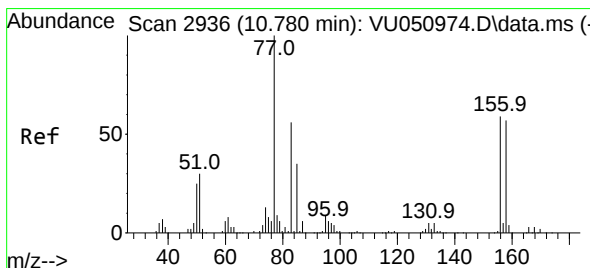
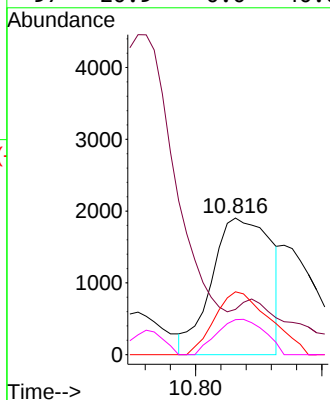
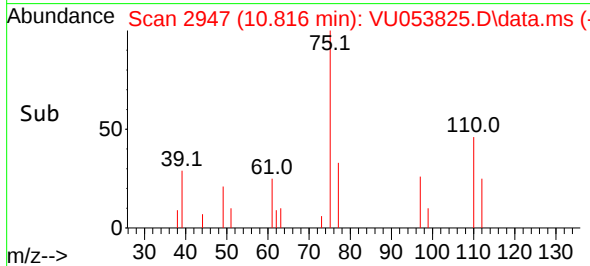
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023



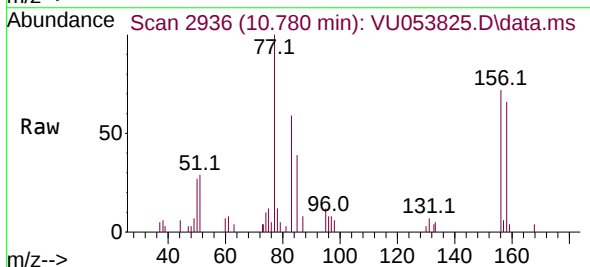
Tgt Ion:	75	Resp:	3104
Ion Ratio	100	Lower	Upper
75	100		
77	40.5	0.0	116.4
110	42.8	0.0	74.6
97	20.9	0.0	40.0

Manual Integrations
APPROVED

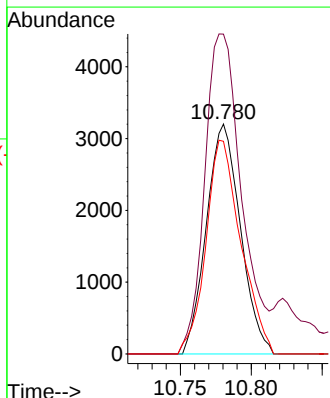
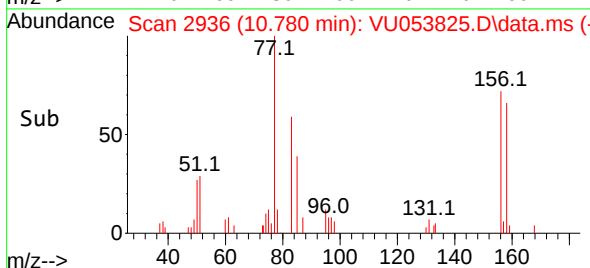
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

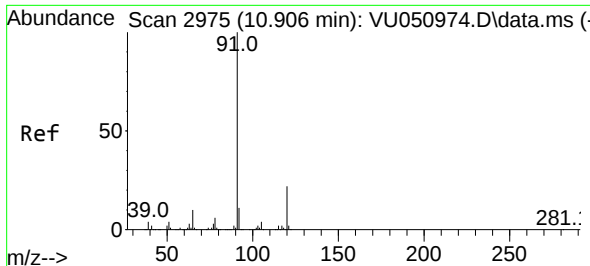


#72
Bromobenzene
Concen: 0.456 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58



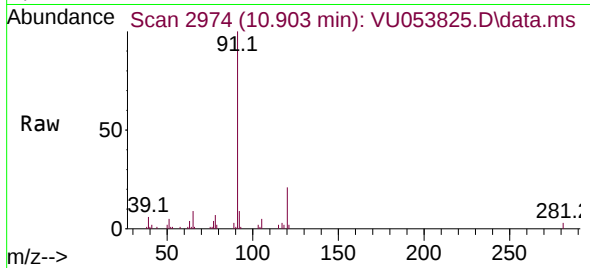
Tgt Ion:	156	Resp:	5355
Ion Ratio	100	Lower	Upper
156	100		
77	150.5	0.0	343.0
158	95.3	0.0	194.8





#73
n-propylbenzene
Concen: 0.440 ug/l
RT: 10.903 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58

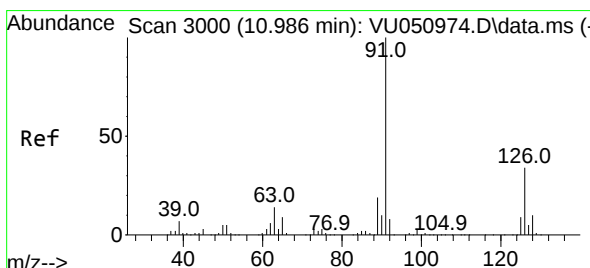
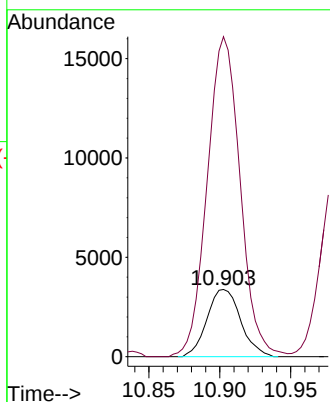
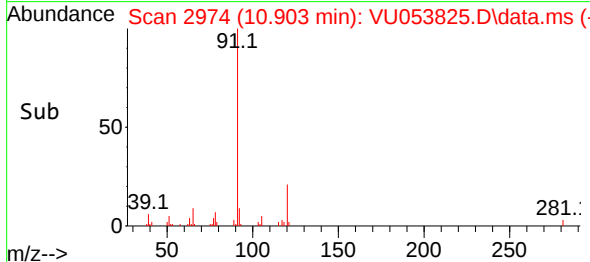
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023



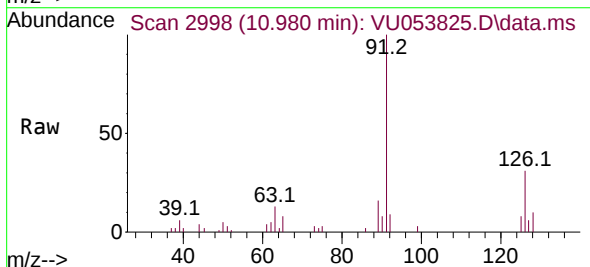
Tgt Ion:120 Resp: 5597
Ion Ratio Lower Upper
120 100
91 465.1 369.8 554.6

Manual Integrations
APPROVED

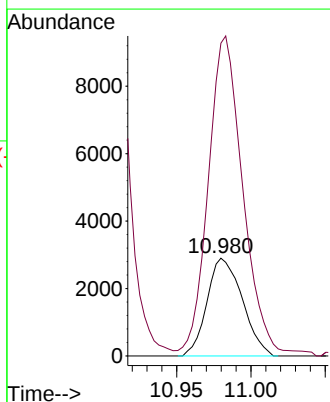
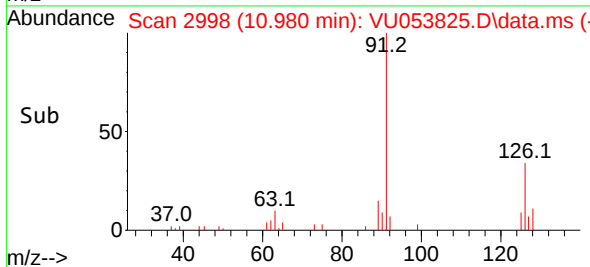
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

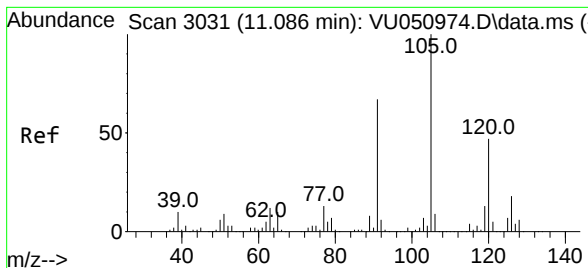


#74
2-Chlorotoluene
Concen: 0.398 ug/l
RT: 10.980 min Scan# 2998
Delta R.T. -0.003 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58



Tgt Ion:126 Resp: 4785
Ion Ratio Lower Upper
126 100
91 324.3 0.0 610.0





#75

1,3,5-Trimethylbenzene

Concen: 0.410 ug/l

RT: 11.086 min Scan# 3031

Delta R.T. 0.000 min

Lab File: VU053825.D

Acq: 21 Apr 2023 14:58

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT2-2023

Tgt Ion:105 Resp: 16389

Ion Ratio Lower Upper

105 100

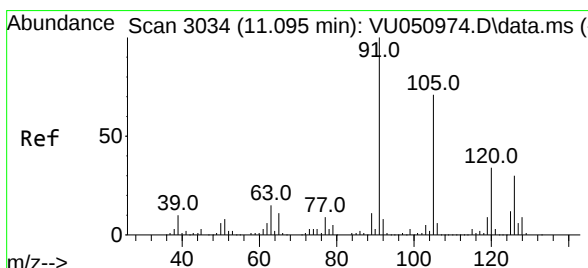
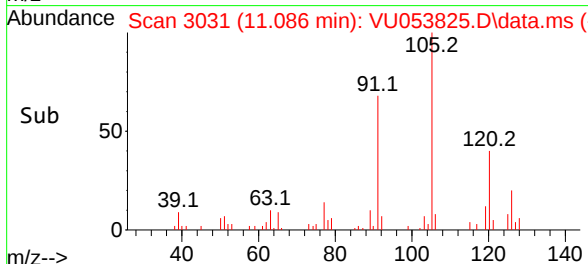
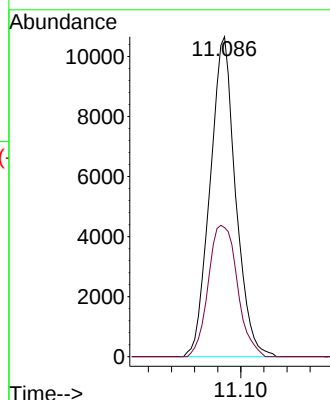
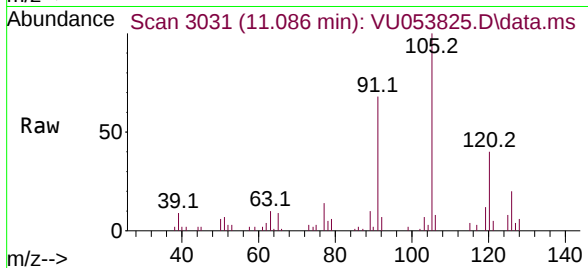
120 46.5 37.8 56.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#76

4-Chlorotoluene

Concen: 0.451 ug/l

RT: 11.095 min Scan# 3034

Delta R.T. 0.003 min

Lab File: VU053825.D

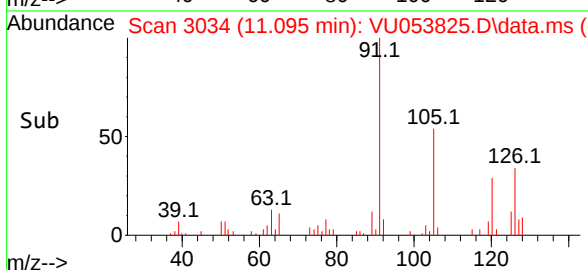
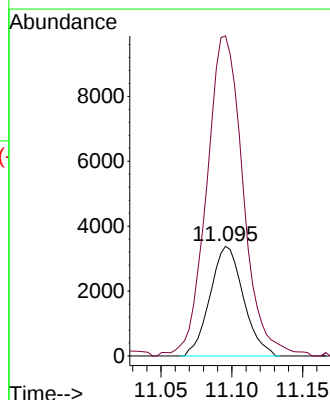
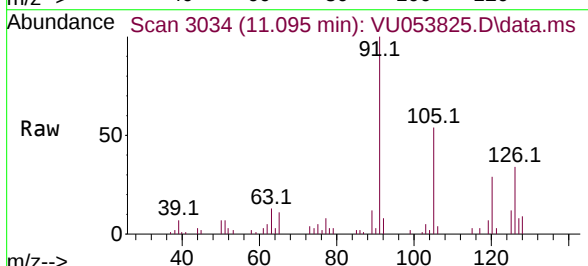
Acq: 21 Apr 2023 14:58

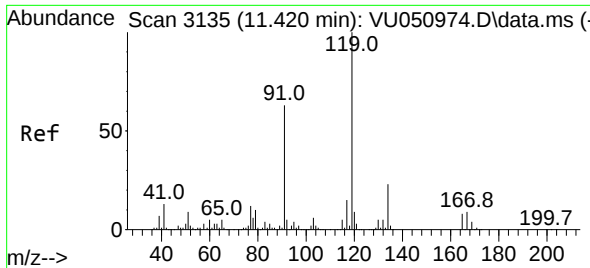
Tgt Ion:126 Resp: 5524

Ion Ratio Lower Upper

126 100

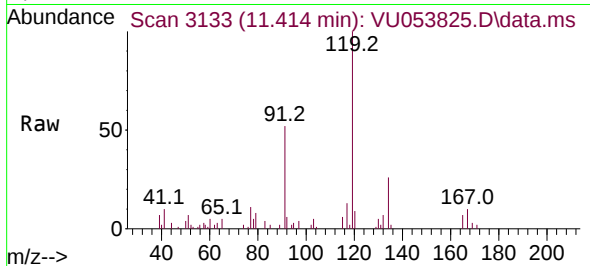
91 320.2 0.0 686.2





#77
tert-Butylbenzene
Concen: 0.427 ug/l
RT: 11.414 min Scan# 3133
Delta R.T. -0.003 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58

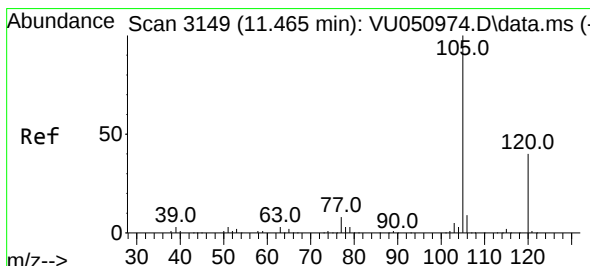
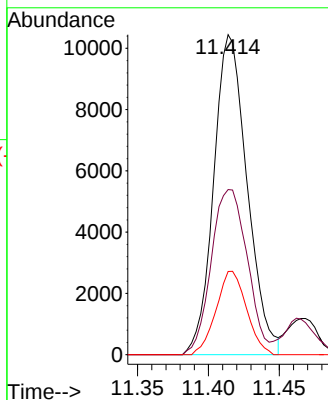
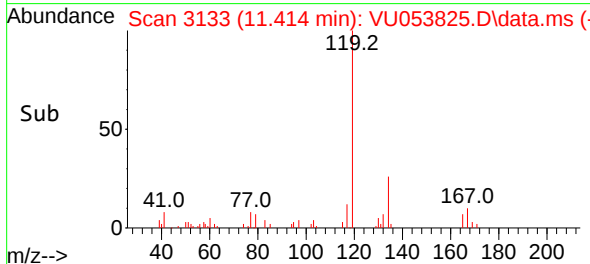
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT2-2023



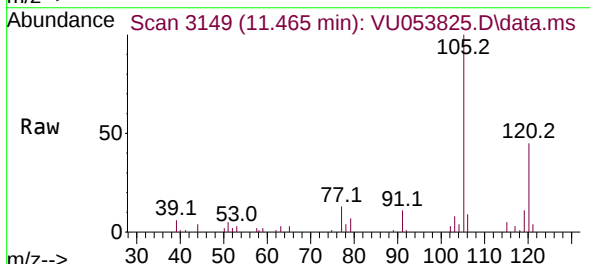
Tgt Ion:119 Resp: 17169
Ion Ratio Lower Upper
119 100
91 55.6 30.8 92.4
134 23.7 18.0 27.0

Manual Integrations
APPROVED

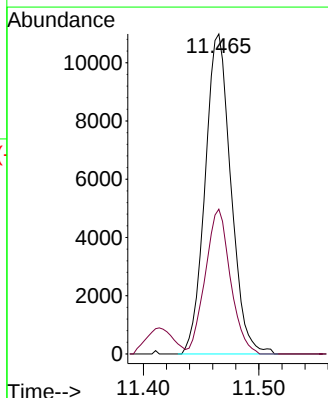
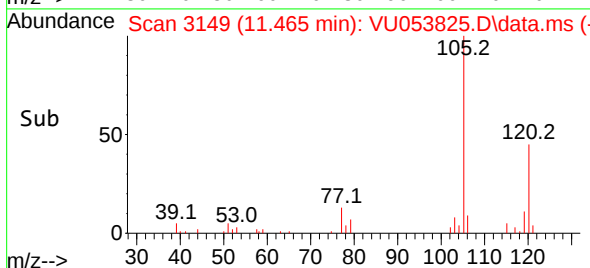
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

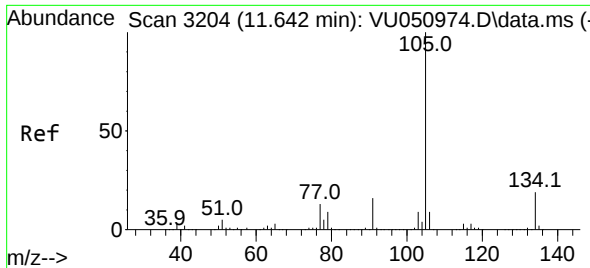


#78
1,2,4-Trimethylbenzene
Concen: 0.418 ug/l
RT: 11.465 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58



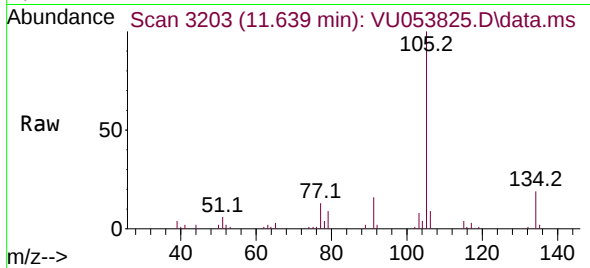
Tgt Ion:105 Resp: 17057
Ion Ratio Lower Upper
105 100
120 44.1 21.9 65.8





#79
 sec-Butylbenzene
 Concen: 0.421 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU053825.D
 Acq: 21 Apr 2023 14:58

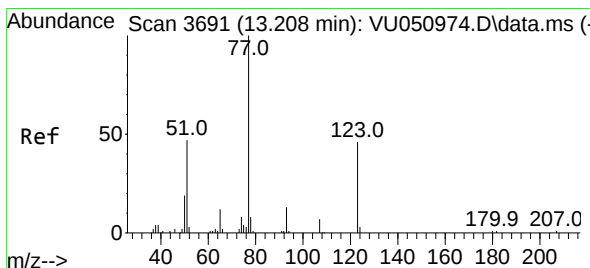
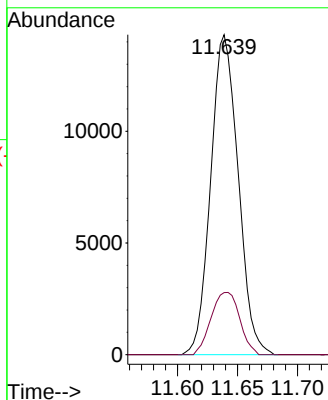
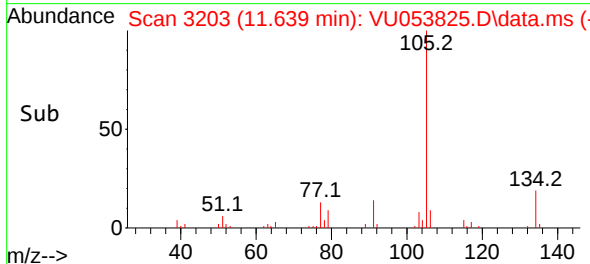
Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT2-2023



Tgt Ion:105 Resp: 22784
 Ion Ratio Lower Upper
 105 100
 134 20.3 14.9 22.3

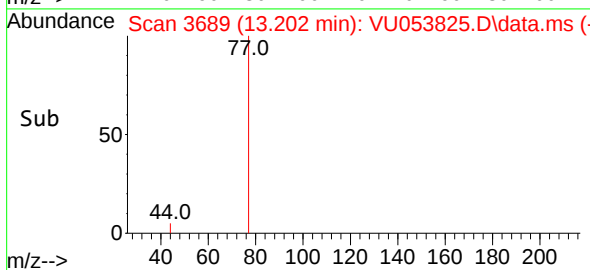
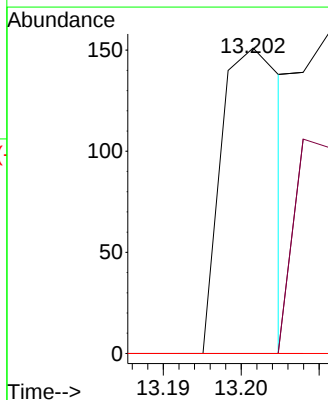
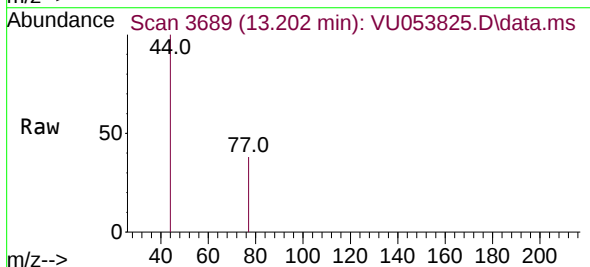
Manual Integrations
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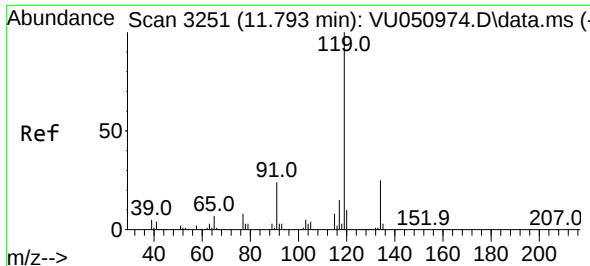
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023



#80
 Nitrobenzene
 Concen: 0.249 ug/l
 RT: 13.202 min Scan# 3689
 Delta R.T. 0.000 min
 Lab File: VU053825.D
 Acq: 21 Apr 2023 14:58

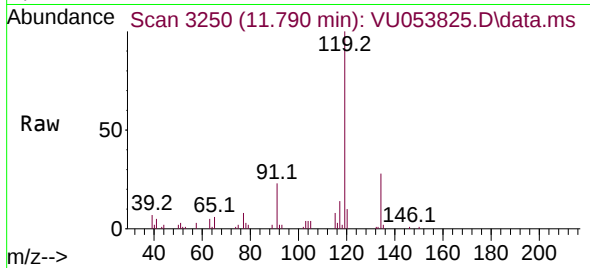
Tgt Ion: 77 Resp: 83
 Ion Ratio Lower Upper
 77 100
 123 48.2 19.7 69.7
 65 0.0 11.5 14.7#





#81
p-Isopropyltoluene
Concen: 0.413 ug/l
RT: 11.790 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58

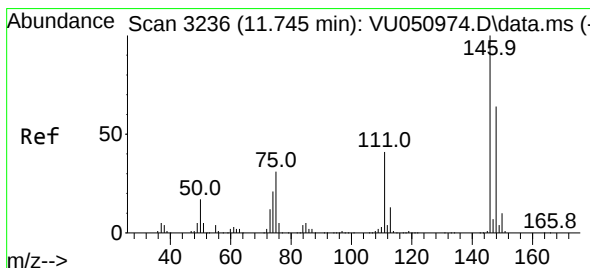
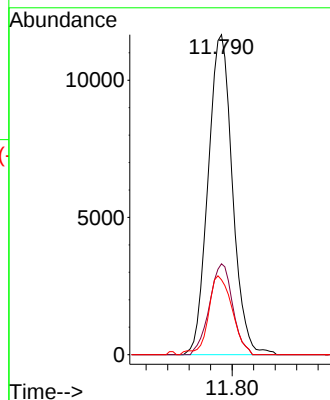
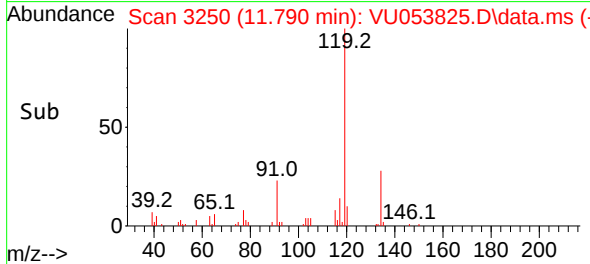
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023



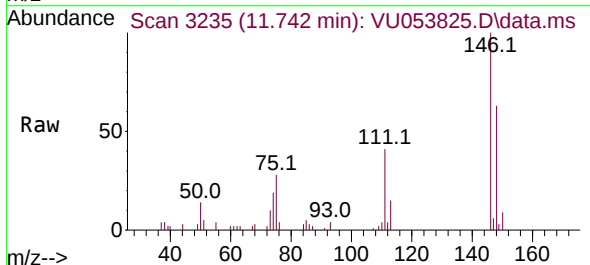
Tgt Ion:119 Resp: 18299
Ion Ratio Lower Upper
119 100
134 27.2 20.2 30.4
91 24.1 19.3 28.9

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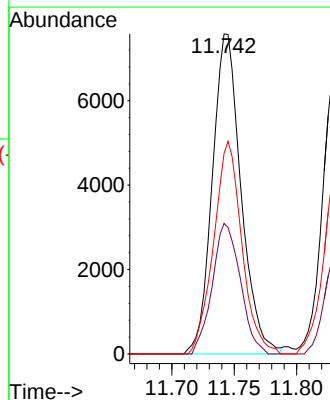
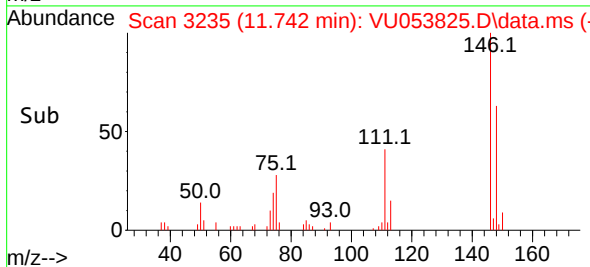
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

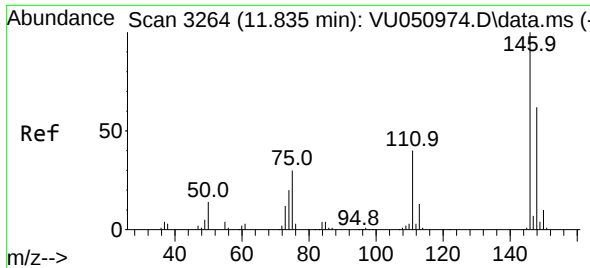


#82
1,3-Dichlorobenzene
Concen: 0.483 ug/l
RT: 11.742 min Scan# 3235
Delta R.T. 0.000 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58



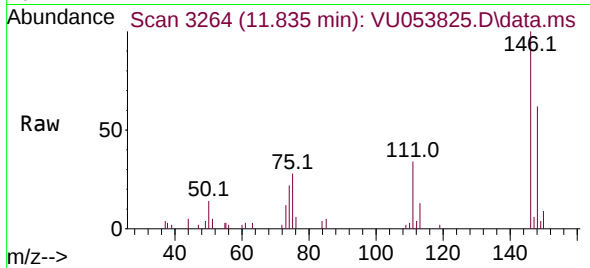
Tgt Ion:146 Resp: 12146
Ion Ratio Lower Upper
146 100
111 39.9 32.6 49.0
148 65.4 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 0.478 ug/l
RT: 11.835 min Scan# 3264
Delta R.T. 0.003 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58

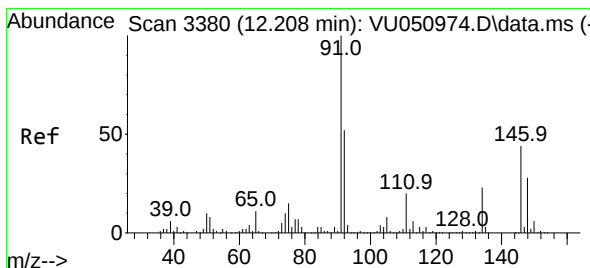
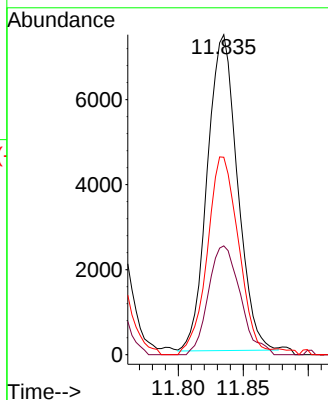
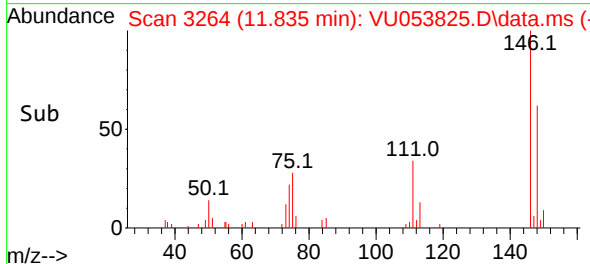
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023



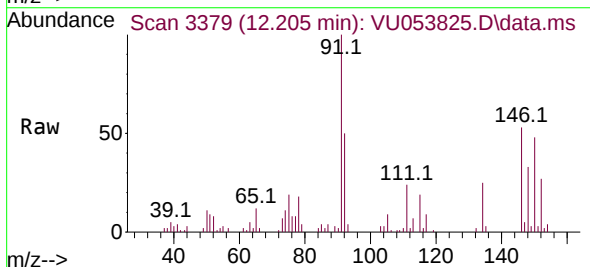
Tgt Ion:146 Resp: 11978
Ion Ratio Lower Upper
146 100
111 36.4 31.6 47.4
148 66.3 50.3 75.5

Manual Integrations
APPROVED

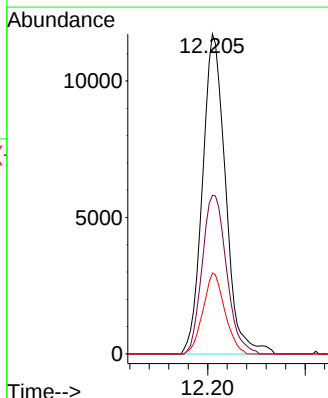
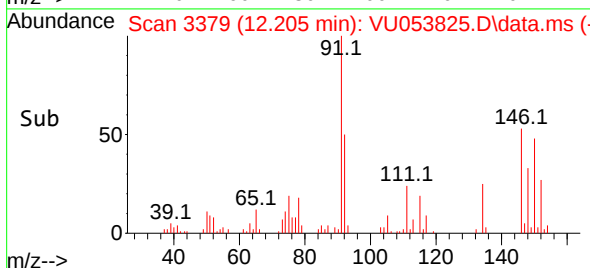
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

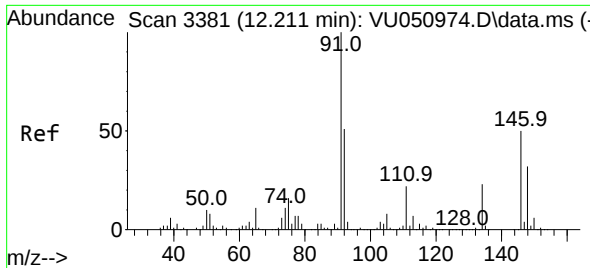


#84
n-Butylbenzene
Concen: 0.696 ug/l
RT: 12.205 min Scan# 3379
Delta R.T. -0.000 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58



Tgt Ion: 91 Resp: 19216
Ion Ratio Lower Upper
91 100
92 52.6 40.8 61.2
134 23.9 18.4 27.6





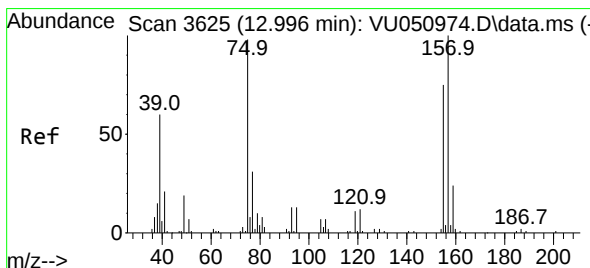
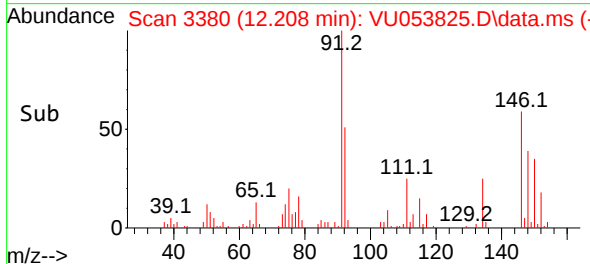
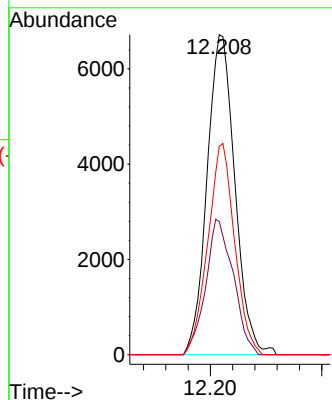
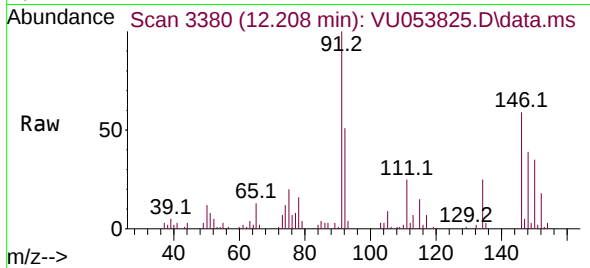
#85
1,2-Dichlorobenzene
Concen: 0.475 ug/l
RT: 12.208 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023

Tgt Ion:146 Resp: 1166
Ion Ratio Lower Upper
146 100
111 41.9 21.6 64.6
148 63.5 32.1 96.5

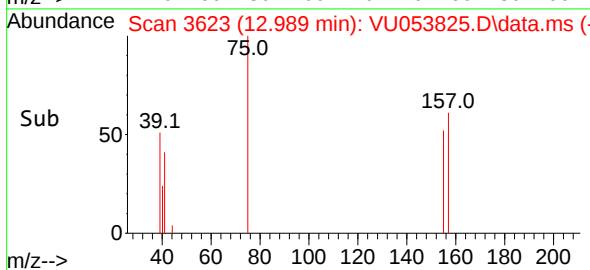
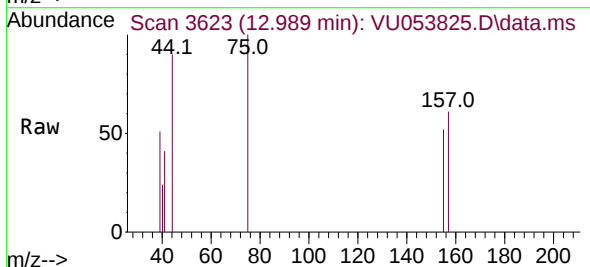
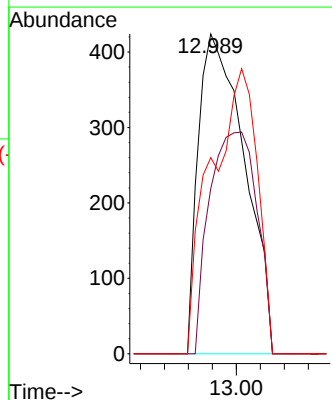
Manual Integrations
APPROVED

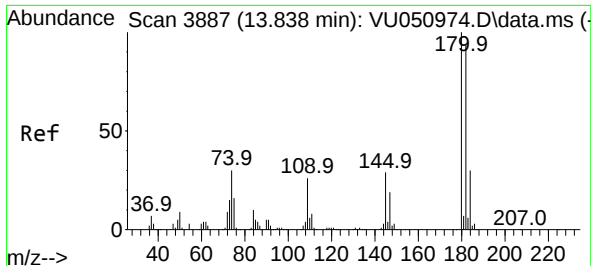
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.383 ug/l
RT: 12.989 min Scan# 3623
Delta R.T. -0.003 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58

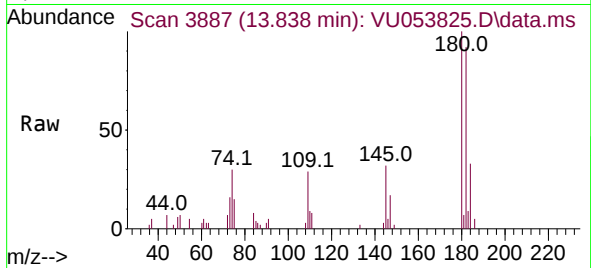
Tgt Ion: 75 Resp: 567
Ion Ratio Lower Upper
75 100
155 71.3 61.8 92.8
157 89.4 80.2 120.4





#87
1,2,4-Trichlorobenzene
Concen: 0.561 ug/l
RT: 13.838 min Scan# 3887
Delta R.T. 0.003 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58

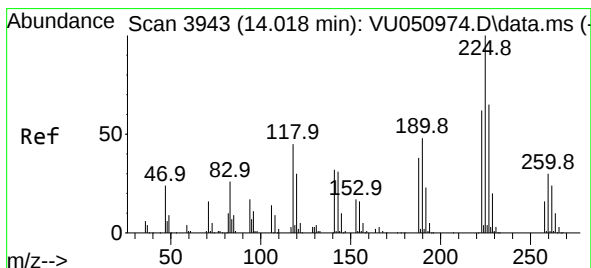
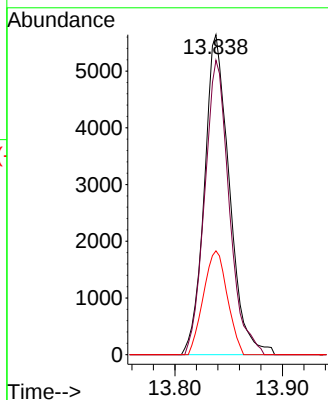
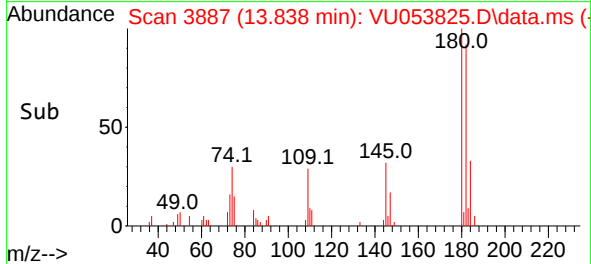
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023



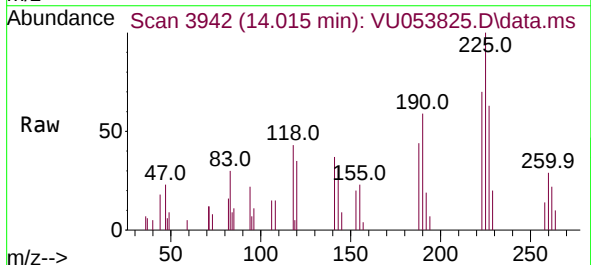
Tgt Ion:180 Resp: 910
Ion Ratio Lower Upper
180 100
182 90.3 75.8 113.6
145 30.9 23.9 35.9

Manual Integrations
APPROVED

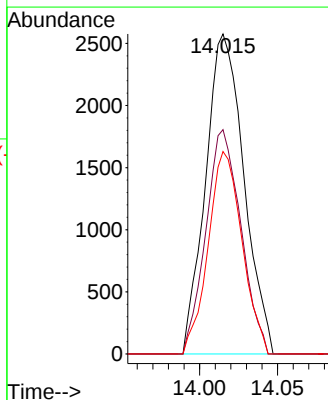
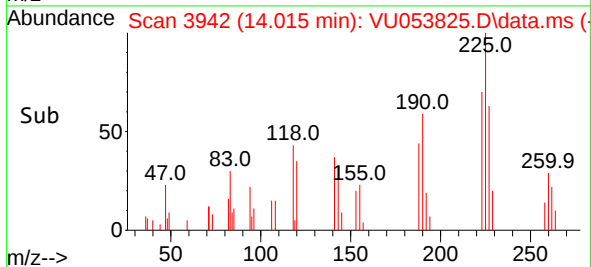
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

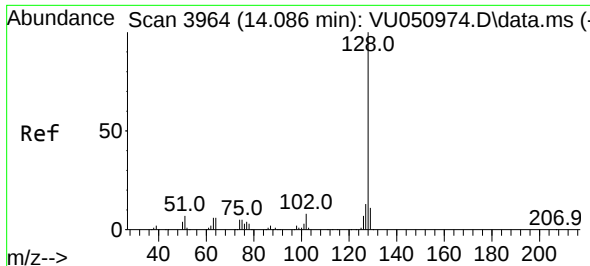


#88
Hexachlorobutadiene
Concen: 0.508 ug/l
RT: 14.015 min Scan# 3942
Delta R.T. -0.003 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58



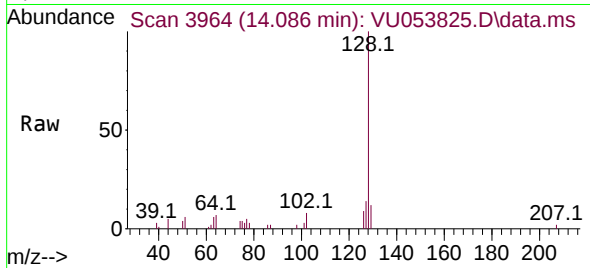
Tgt Ion:225 Resp: 4402
Ion Ratio Lower Upper
225 100
223 64.0 50.2 75.4
227 55.9 51.5 77.3





#89
Naphthalene
Concen: 0.581 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. 0.004 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58

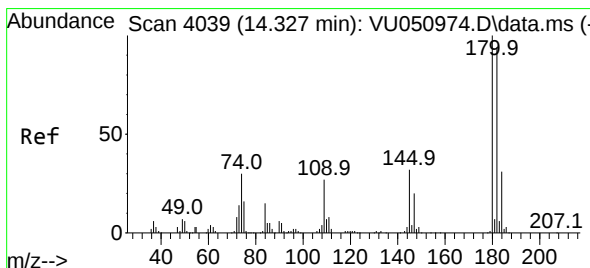
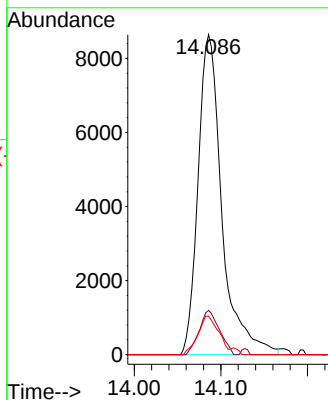
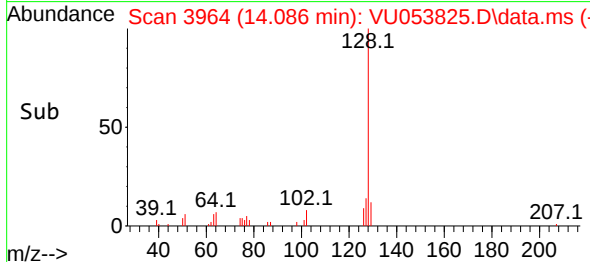
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT2-2023



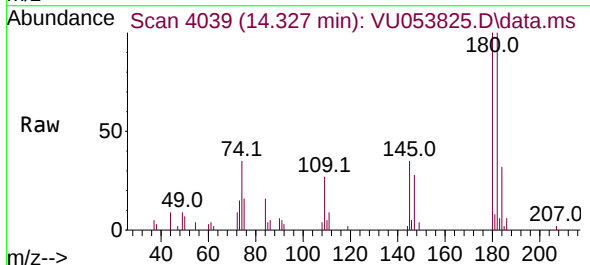
Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.7	10.9	16.3
129	10.6	8.6	12.8

Manual Integrations
APPROVED

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



#90
1,2,3-Trichlorobenzene
Concen: 0.519 ug/l
RT: 14.327 min Scan# 4039
Delta R.T. 0.003 min
Lab File: VU053825.D
Acq: 21 Apr 2023 14:58



Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.5	75.7	113.5
145	35.1	26.1	39.1

