

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022723\
 Data File : VU053158.D
 Acq On : 27 Feb 2023 18:21
 Operator : JC/MD
 Sample : 01627-07 0.8PPB
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023

Quant Time: Feb 28 04:08:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U022723DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 28 04:06:34 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/28/2023
 Supervised By :Mahesh Dadoda 02/28/2023

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

Internal Standards						
1) Fluorobenzene	6.112	96	25344	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	10233	0.957	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	8202	0.967	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.386	85	3954	0.615	ug/l	100
3) Chloromethane	1.521	50	4338	0.654	ug/l	95
4) Vinyl Chloride	1.605	62	4693	0.665	ug/l	97
5) Bromomethane	1.862	94	2800	0.697	ug/l	99
6) Chloroethane	1.936	64	3095	0.722	ug/l	98
7) Trichlorofluoromethane	2.142	101	6355	0.626	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.582	101	3975	0.626	ug/l	97
9) 1,1-Dichloroethene	2.582	96	3699	0.670	ug/l	95
10) Iodomethane	2.727	142	3107	0.547	ug/l	98
11) Allyl Chloride	2.923	41	5230	0.607	ug/l	87
12) Acrylonitrile	3.322	53	2300	1.628	ug/l	# 74
13) Acetone	2.653	43	5421m	2.684	ug/l	
14) Carbon Disulfide	2.794	76	8271	0.653	ug/l	96
15) Methylene Chloride	3.045	84	7782	0.987	ug/l	92
16) trans-1,2-Dichloroethene	3.350	96	4187	0.690	ug/l	93
17) 1,1-Dichloroethane	3.865	63	8541	0.644	ug/l	96
18) 2-Butanone	4.723	43	7219m	2.978	ug/l	
19) Cyclohexane	5.386	56	7089m	0.669	ug/l	
20) Methylcyclohexane	6.759	83	6169	0.607	ug/l	96
21) 2,2-Dichloropropane	4.662	77	7969	0.685	ug/l	95
22) cis-1,2-Dichloroethene	4.666	96	4866	0.650	ug/l	96
23) Diethyl Ether	2.376	59	3054	0.677	ug/l	# 92
24) tert-Butyl Alcohol	3.257	59	4129m	7.786	ug/l	
25) Methyl tert-Butyl Ether	3.363	73	10639	0.663	ug/l	98
26) Bromochloromethane	4.977	128	1925	0.665	ug/l	85
27) Chloroform	5.087	83	8593	0.629	ug/l	96
28) 1,1,1-Trichloroethane	5.312	97	7650	0.666	ug/l	95
29) 1,1-Dichloropropene	5.524	75	5411	0.629	ug/l	95
30) Carbon Tetrachloride	5.524	117	5054	0.639	ug/l	93
31) Isopropyl Ether	3.994	45	14213	0.671	ug/l	91
32) Ethyl-t-butyl ether	4.505	59	12798	0.638	ug/l	99
33) Tert-Amyl methyl ether	5.945	73	11111	0.698	ug/l	95
34) Propionitrile	4.807	54	2085m	3.697	ug/l	
35) Benzene	5.772	78	16927	0.667	ug/l	94
36) 1,2-Dichloroethane	5.794	62	5274	0.695	ug/l	# 90
37) Trichloroethene	6.540	130	3972	0.682	ug/l	100
38) 1,2-Dichloropropane	6.791	63	5024	0.684	ug/l	94
39) Methacrylonitrile	4.981	41	1474	0.613	ug/l	# 61
40) Methyl acrylate	4.852	55	2746	0.738	ug/l	# 87
41) Tetrahydrofuran	5.071	42	2334m	1.979	ug/l	
42) 1-Chlorobutane	5.453	56	8272	0.690	ug/l	97
43) Dibromomethane	6.916	93	2176	0.668	ug/l	97
44) Bromodichloromethane	7.106	83	5640	0.633	ug/l	96

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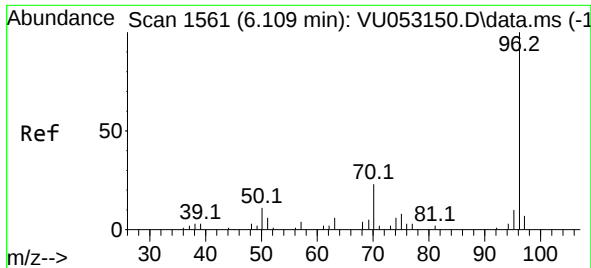
Quant Time: Feb 28 04:08:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U022723DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.797	43	14055	3.536	ug/l	96
46) t-1,4-Dichloro-2-butene	10.826	75	2795m	1.396	ug/l	
47) Methyl methacrylate	6.964	69	4515	1.348	ug/l	94
48) Ethyl methacrylate	8.337	69	4529	0.659	ug/l	90
49) Toluene	7.968	92	10465	0.669	ug/l	96
50) t-1,3-Dichloropropene	8.209	75	5644	0.652	ug/l #	87
51) cis-1,3-Dichloropropene	7.608	75	6651	0.634	ug/l	98
52) 1,1,2-Trichloroethane	8.398	97	3488	0.729	ug/l	95
53) 1,3-Dichloropropane	8.575	76	5810	0.678	ug/l	99
54) 2-Hexanone	8.691	43	10117	2.988	ug/l	95
55) Dibromochloromethane	8.807	129	3444	0.631	ug/l	97
56) 1,2-Dibromoethane	8.923	107	2835	0.667	ug/l	99
58) Tetrachloroethene	8.550	164	3033	0.653	ug/l	97
59) Chlorobenzene	9.447	112	11358	0.649	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.530	131	3648	0.631	ug/l	95
61) Pentachloroethane	11.424	117	3444	0.686	ug/l	85
62) Hexachloroethane	12.475	117	3129	0.565	ug/l	100
63) Ethyl Benzene	9.569	91	21892	0.678	ug/l	96
64) m/p-Xylenes	9.691	106	15590	1.332	ug/l	99
65) o-Xylene	10.099	106	7581	0.634	ug/l	95
66) Styrene	10.112	104	11994	0.633	ug/l	99
67) Bromoform	10.289	173	1644	0.620	ug/l #	89
69) Isopropylbenzene	10.482	105	20510	0.641	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.778	83	4294	0.666	ug/l #	92
71) 1,2,3-Trichloropropane	10.823	75	4037m	0.728	ug/l	
72) Bromobenzene	10.781	156	4105	0.661	ug/l	91
73) n-propylbenzene	10.903	120	5717	0.673	ug/l	94
74) 2-Chlorotoluene	10.984	126	5076	0.722	ug/l	90
75) 1,3,5-Trimethylbenzene	11.083	105	17107	0.642	ug/l	99
76) 4-Chlorotoluene	11.093	126	5348	0.723	ug/l	74
77) tert-Butylbenzene	11.414	119	16949	0.649	ug/l	99
78) 1,2,4-Trimethylbenzene	11.466	105	17323	0.638	ug/l	99
79) sec-Butylbenzene	11.640	105	23603	0.651	ug/l	98
80) Nitrobenzene	13.221	77	909	2.699	ug/l #	77
81) p-Isopropyltoluene	11.791	119	17890	0.623	ug/l	99
82) 1,3-Dichlorobenzene	11.742	146	8873	0.650	ug/l	97
83) 1,4-Dichlorobenzene	11.832	146	8597	0.617	ug/l	89
84) n-Butylbenzene	12.205	91	17948	0.604	ug/l	99
85) 1,2-Dichlorobenzene	12.209	146	8438	0.649	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.987	75	680	0.671	ug/l #	86
87) 1,2,4-Trichlorobenzene	13.839	180	5556	0.696	ug/l #	90
88) Hexachlorobutadiene	14.019	225	2173	0.557	ug/l	95
89) Naphthalene	14.086	128	11289	0.665	ug/l	98
90) 1,2,3-Trichlorobenzene	14.331	180	4531	0.645	ug/l	95

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



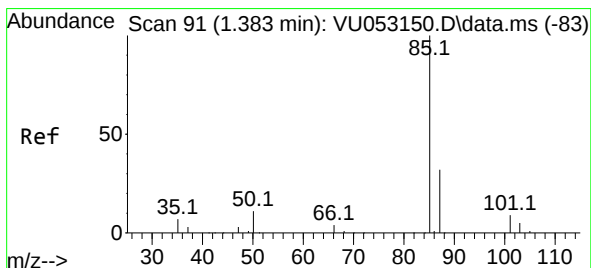
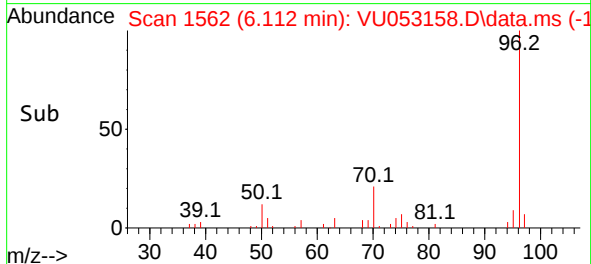
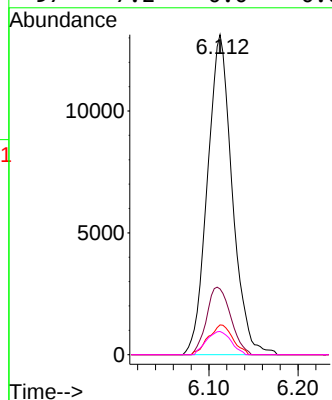
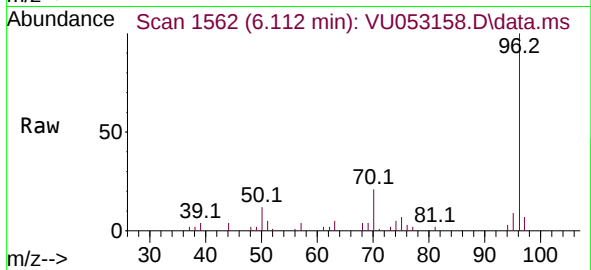
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Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 96 Resp: 2534
Ion Ratio Lower Upper
96 100
70 20.5 15.5 23.3
95 9.1 7.0 10.6
97 7.2 0.0 0.0#

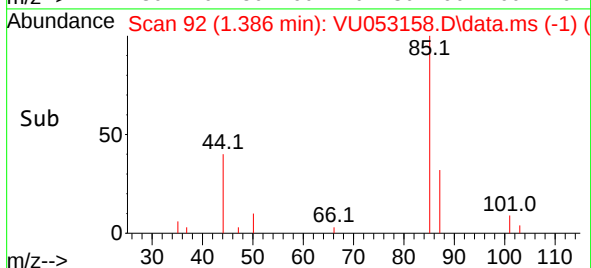
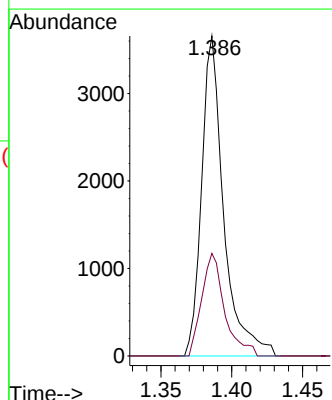
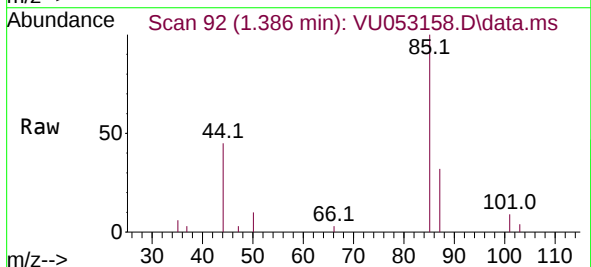
Manual Integrations
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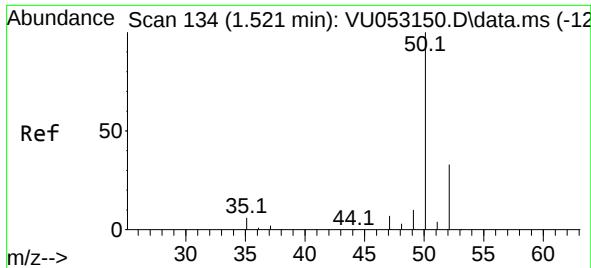
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#2
Dichlorodifluoromethane
Concen: 0.615 ug/l
RT: 1.386 min Scan# 92
Delta R.T. 0.003 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

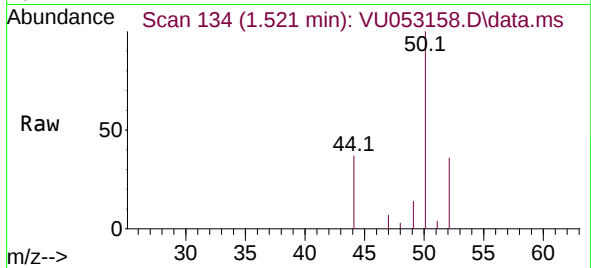
Tgt Ion: 85 Resp: 3954
Ion Ratio Lower Upper
85 100
87 32.0 16.1 48.2





#3
Chloromethane
Concen: 0.654 ug/l
RT: 1.521 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

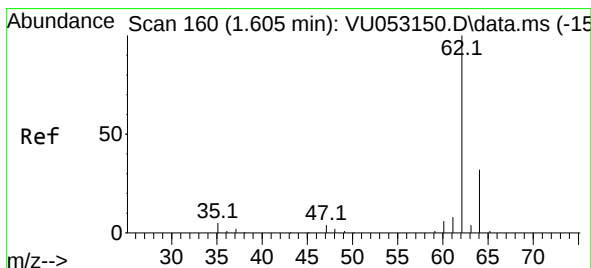
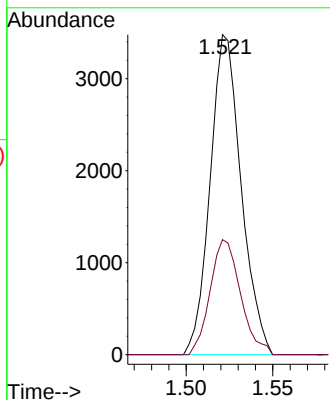
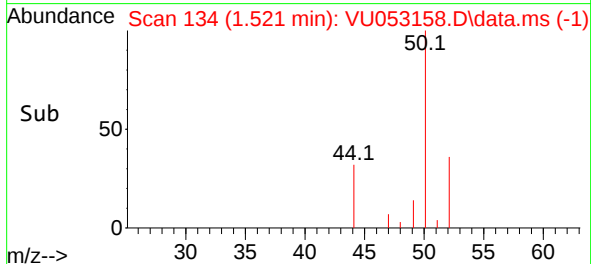
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



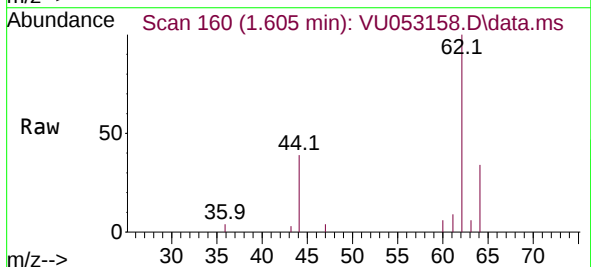
Tgt Ion: 50 Resp: 4338
Ion Ratio Lower Upper
50 100
52 36.0 26.7 40.1

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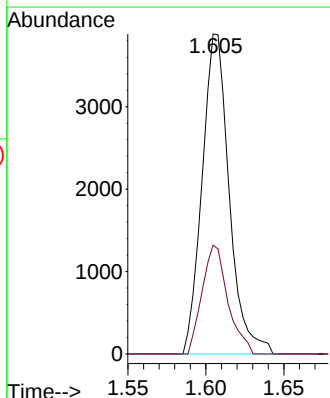
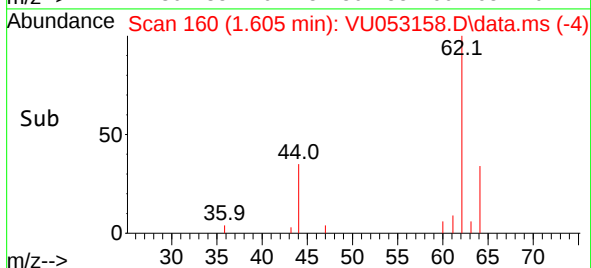
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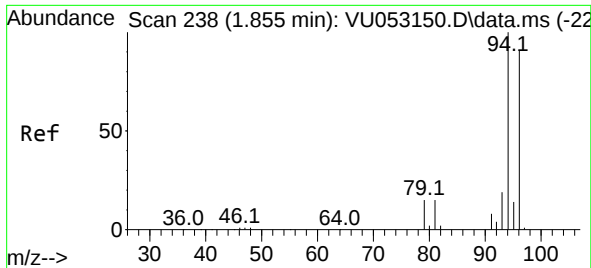


#4
Vinyl Chloride
Concen: 0.665 ug/l
RT: 1.605 min Scan# 160
Delta R.T. 0.000 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21



Tgt Ion: 62 Resp: 4693
Ion Ratio Lower Upper
62 100
64 34.0 25.8 38.6





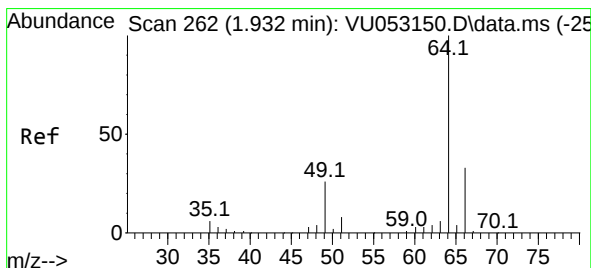
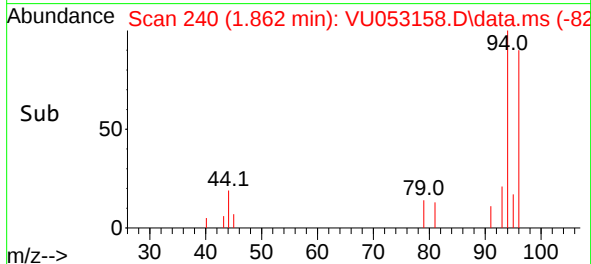
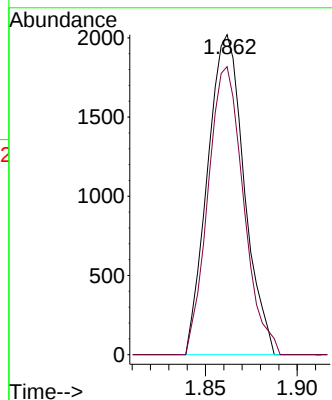
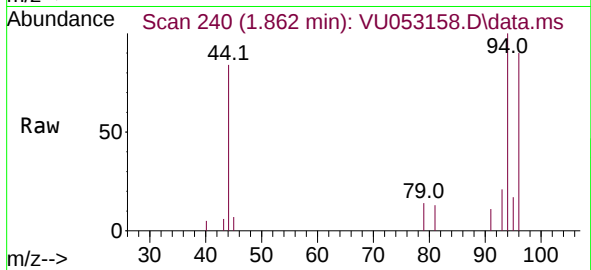
#5
Bromomethane
Concen: 0.697 ug/l
RT: 1.862 min Scan# 240
Delta R.T. 0.006 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 94 Resp: 2800
Ion Ratio Lower Upper
94 100
96 90.0 72.6 108.8

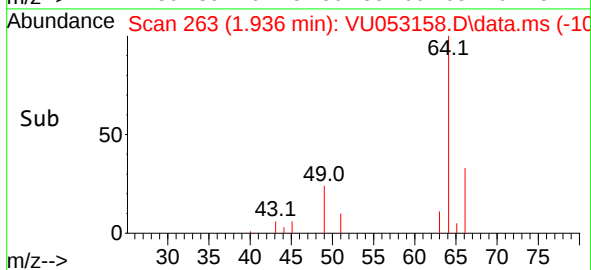
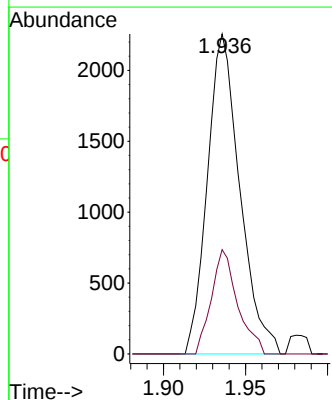
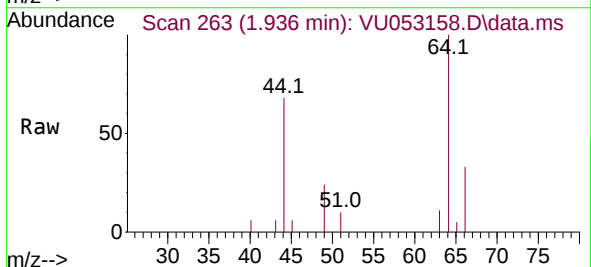
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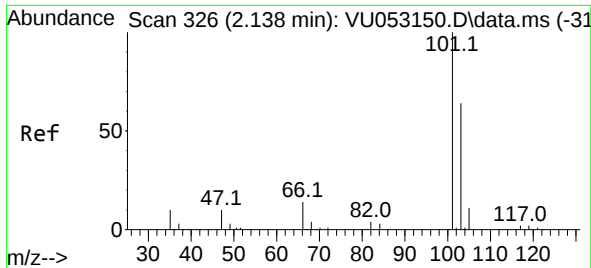
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#6
Chloroethane
Concen: 0.722 ug/l
RT: 1.936 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

Tgt Ion: 64 Resp: 3095
Ion Ratio Lower Upper
64 100
66 32.6 26.8 40.2





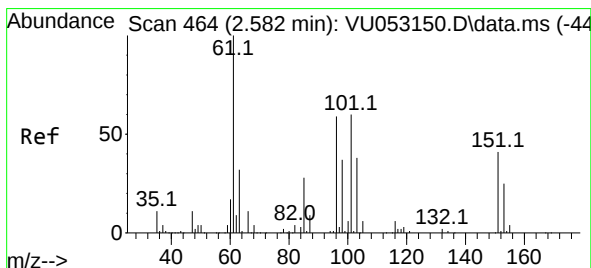
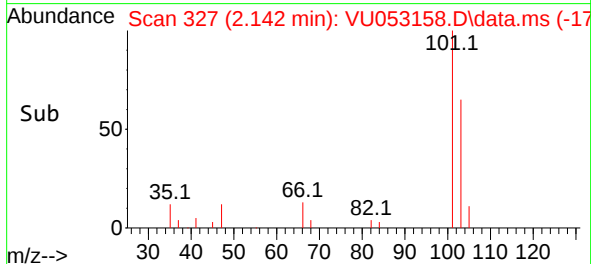
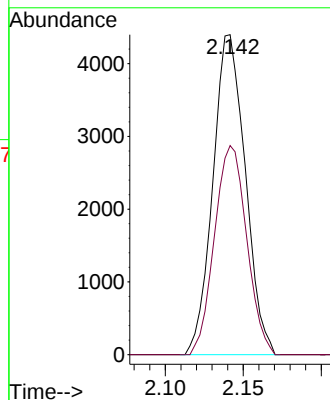
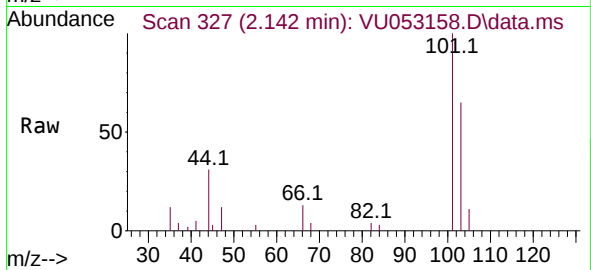
#7
Trichlorofluoromethane
Concen: 0.626 ug/l
RT: 2.142 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

Instrument :
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LOD-MDL-WATER-01-QT1-2023

Tgt Ion:101 Resp: 635
Ion Ratio Lower Upper
101 100
103 65.3 51.2 76.8

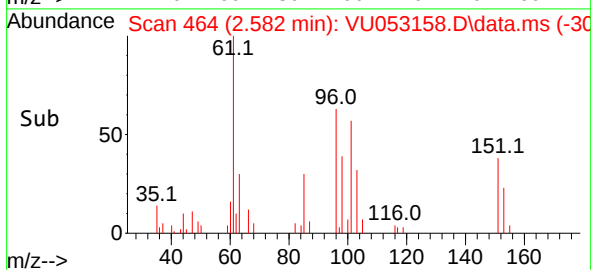
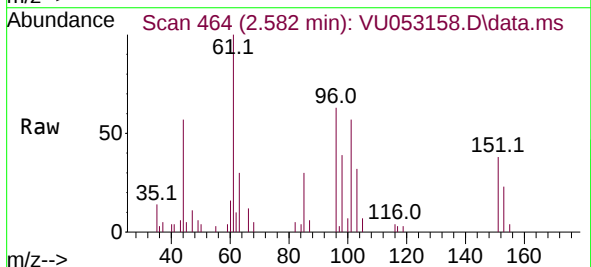
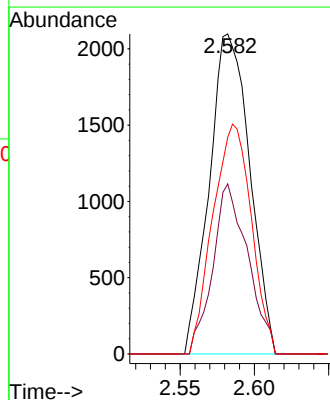
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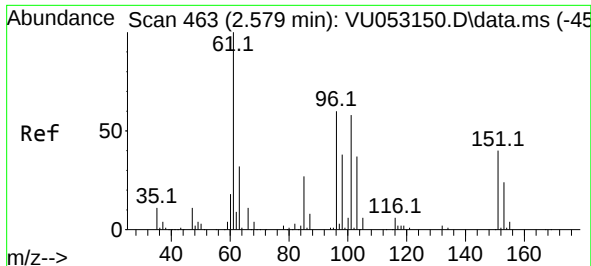
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.626 ug/l
RT: 2.582 min Scan# 464
Delta R.T. 0.000 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

Tgt Ion:101 Resp: 3975
Ion Ratio Lower Upper
101 100
85 46.0 37.3 55.9
151 68.4 52.4 78.6





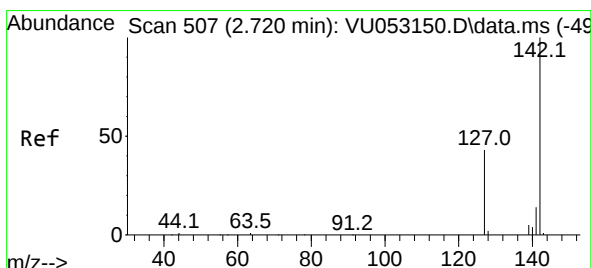
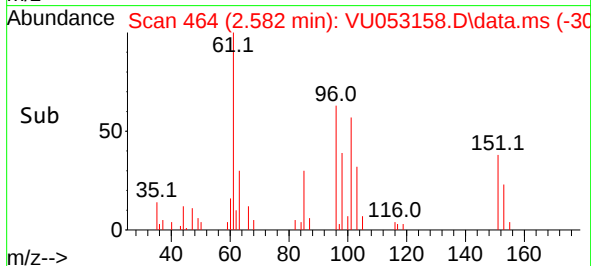
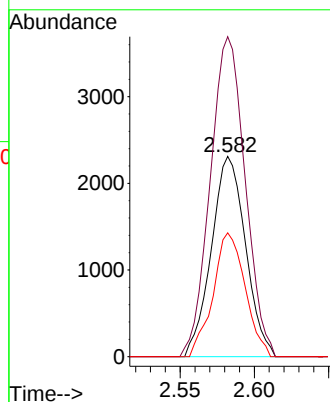
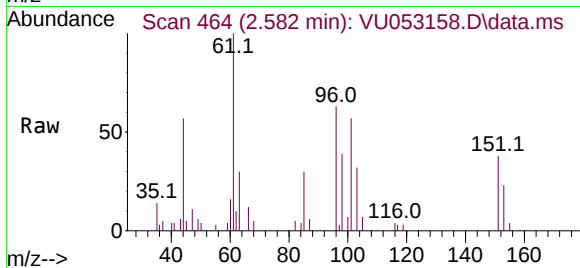
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1,1-Dichloroethene
Concen: 0.670 ug/l
RT: 2.582 min Scan# 463
Delta R.T. 0.003 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 96 Resp: 369
Ion Ratio Lower Upper
96 100
61 159.8 0.0 502.5
98 61.8 0.0 126.2

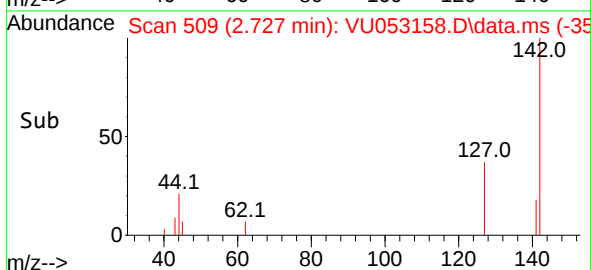
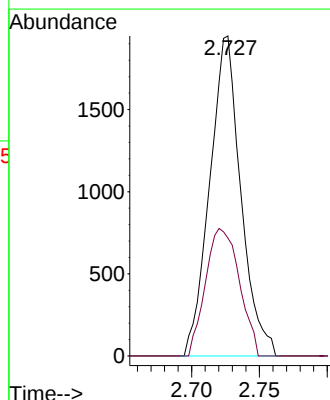
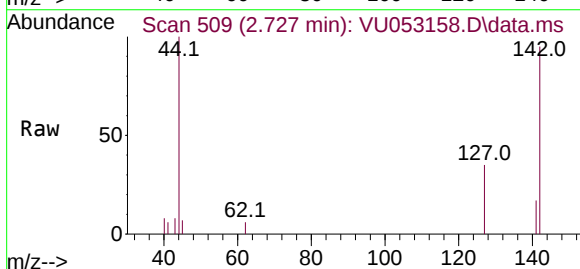
Manual Integrations
APPROVED

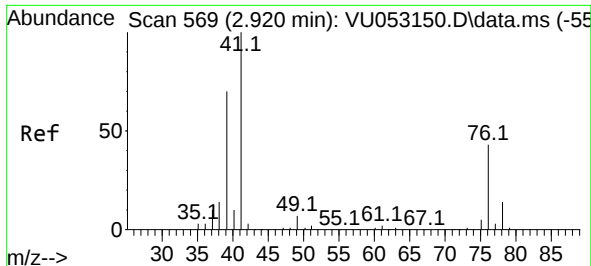
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#10
Iodomethane
Concen: 0.547 ug/l
RT: 2.727 min Scan# 509
Delta R.T. 0.006 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

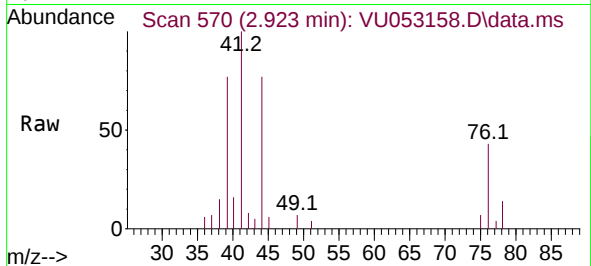
Tgt Ion:142 Resp: 3107
Ion Ratio Lower Upper
142 100
127 43.4 35.8 53.8





#11
 Allyl Chloride
 Concen: 0.607 ug/l
 RT: 2.923 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VU053158.D
 Acq: 27 Feb 2023 18:21

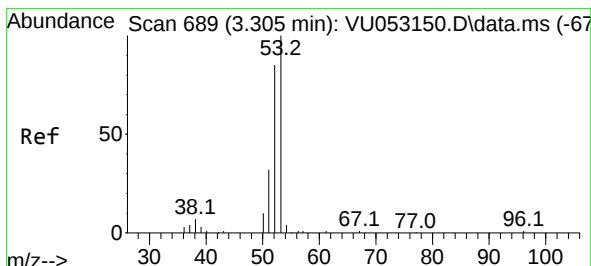
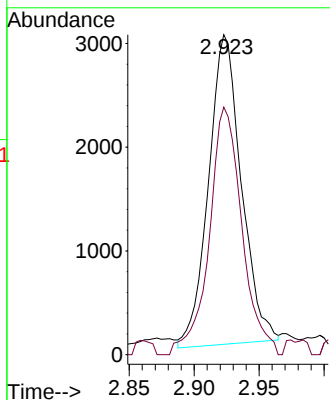
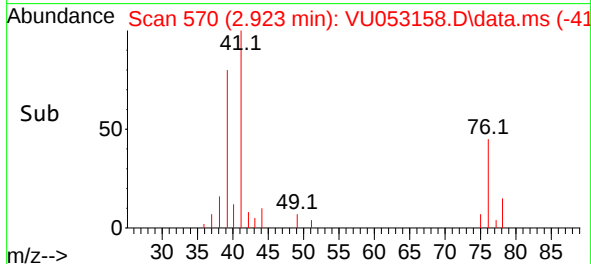
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023



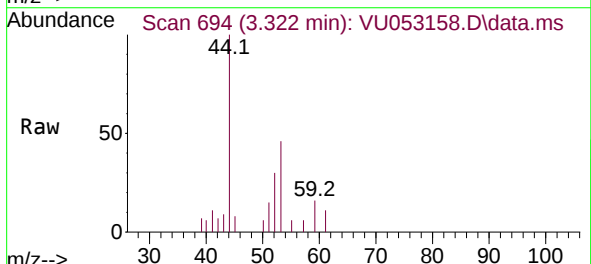
Tgt Ion: 41 Resp: 5230
 Ion Ratio Lower Upper
 41 100
 39 79.8 55.3 82.9

Manual Integrations
 APPROVED

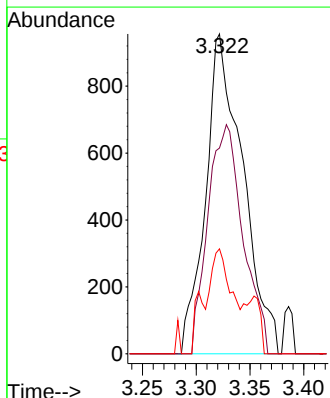
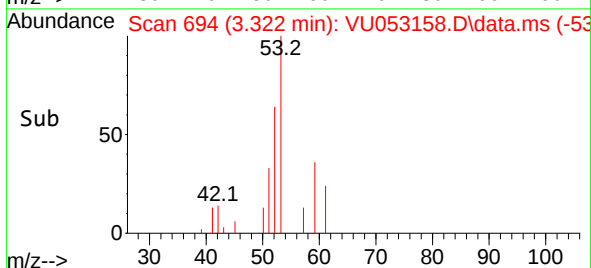
Reviewed By :Krupa Patel 02/28/2023
 Supervised By :Mahesh Dadoda 02/28/2023

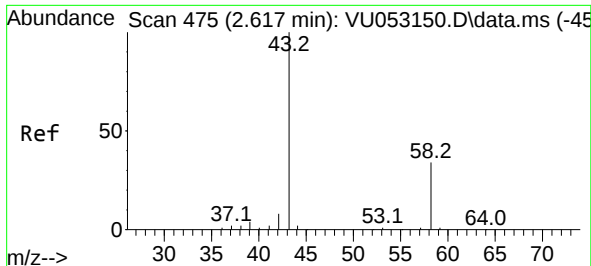


#12
 Acrylonitrile
 Concen: 1.628 ug/l
 RT: 3.322 min Scan# 694
 Delta R.T. 0.016 min
 Lab File: VU053158.D
 Acq: 27 Feb 2023 18:21



Tgt Ion: 53 Resp: 2300
 Ion Ratio Lower Upper
 53 100
 52 67.8 65.9 98.9
 51 11.2 31.8 47.8#





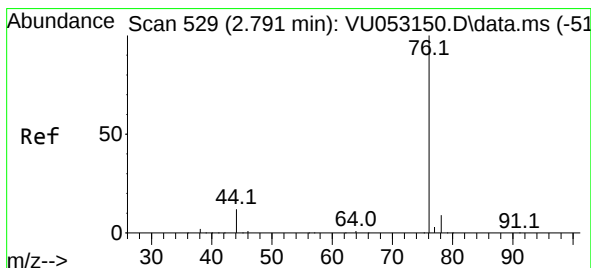
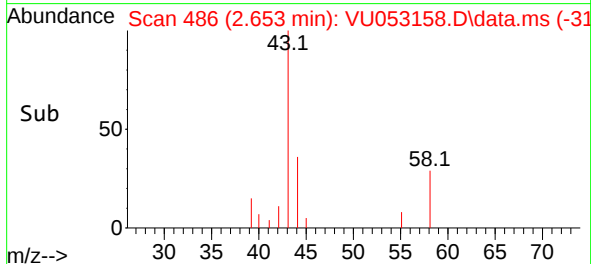
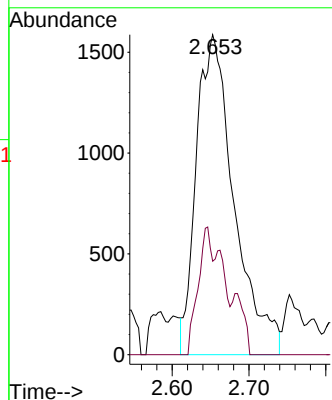
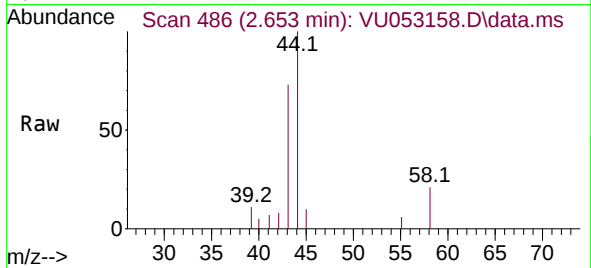
#13
Acetone
Concen: 2.684 ug/l m
RT: 2.653 min Scan# 441
Delta R.T. 0.035 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 43 Resp: 542
Ion Ratio Lower Upper
43 100
58 29.2 27.2 40.8

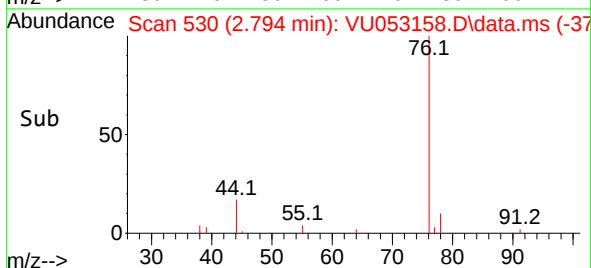
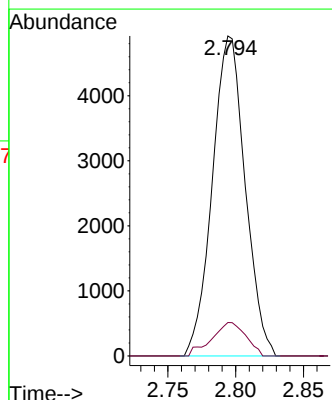
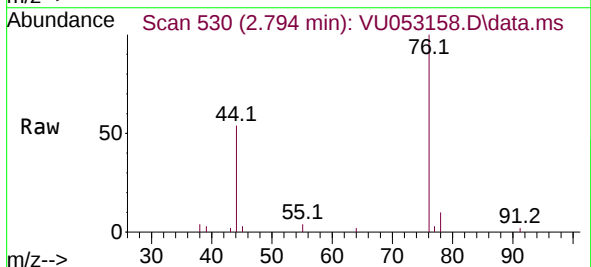
Manual Integrations
APPROVED

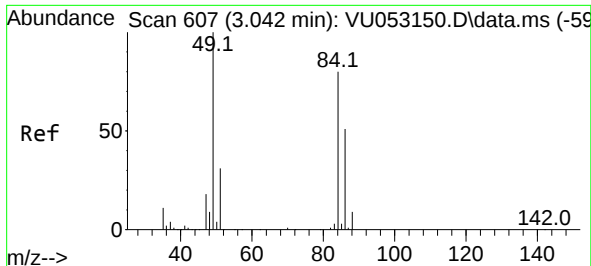
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#14
Carbon Disulfide
Concen: 0.653 ug/l
RT: 2.794 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

Tgt Ion: 76 Resp: 8271
Ion Ratio Lower Upper
76 100
78 10.4 7.2 10.8





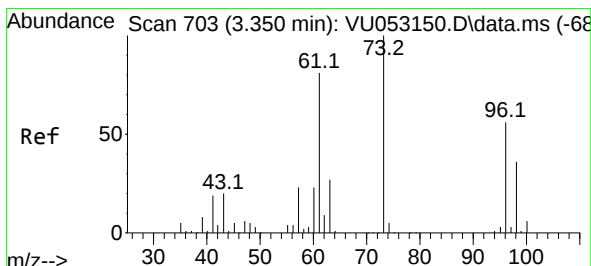
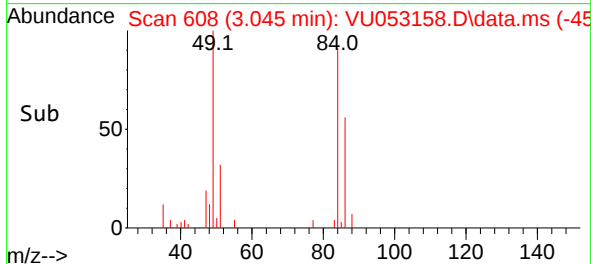
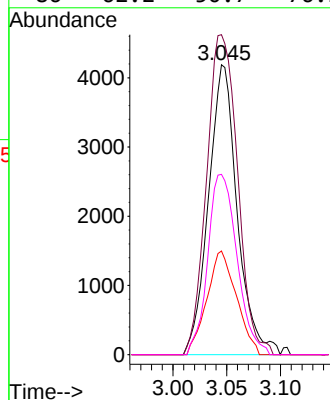
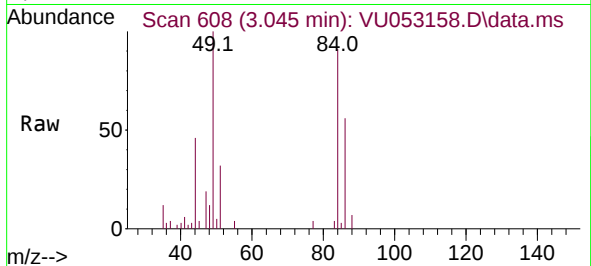
#15
Methylene Chloride
Concen: 0.987 ug/l
RT: 3.045 min Scan# 607
Delta R.T. 0.003 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 84 Resp: 778
Ion Ratio Lower Upper
84 100
49 110.4 99.5 149.3
51 35.7 0.0 76.8
86 62.2 50.7 76.1

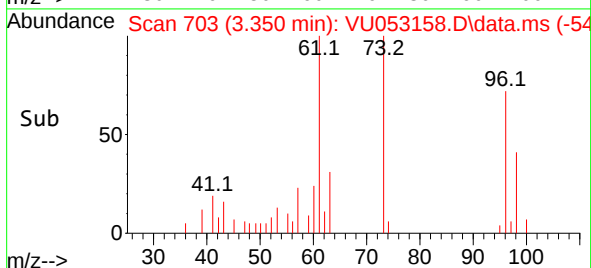
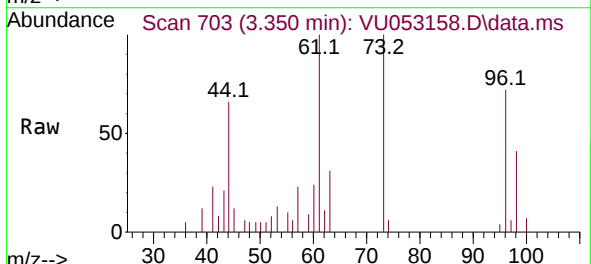
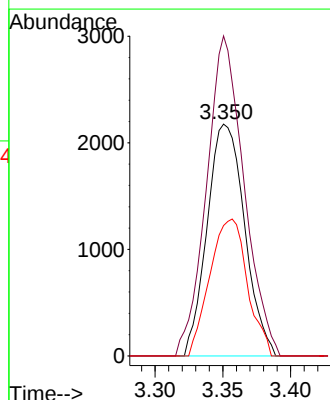
Manual Integrations
APPROVED

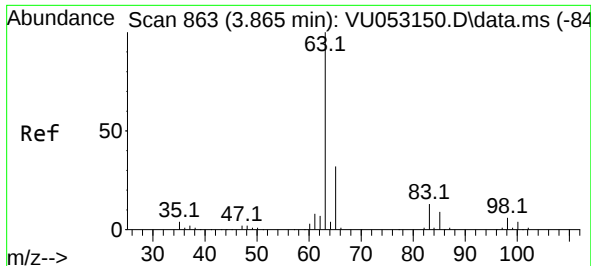
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#16
trans-1,2-Dichloroethene
Concen: 0.690 ug/l
RT: 3.350 min Scan# 703
Delta R.T. 0.000 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

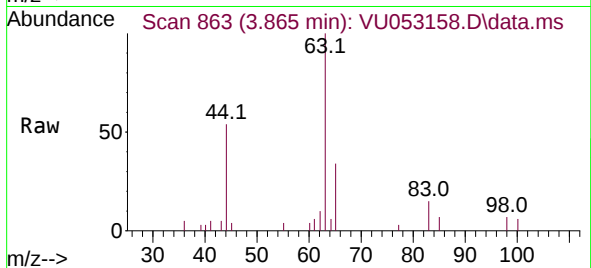
Tgt Ion: 96 Resp: 4187
Ion Ratio Lower Upper
96 100
61 138.0 116.1 174.1
98 56.3 51.4 77.2





#17
1,1-Dichloroethane
Concen: 0.644 ug/l
RT: 3.865 min Scan# 80
Delta R.T. 0.000 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

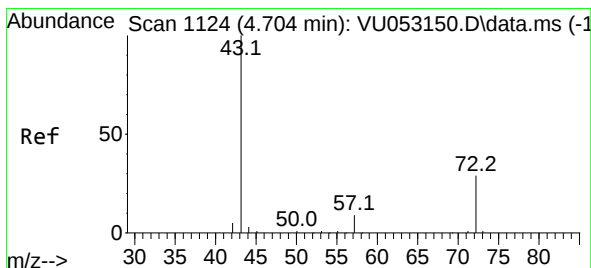
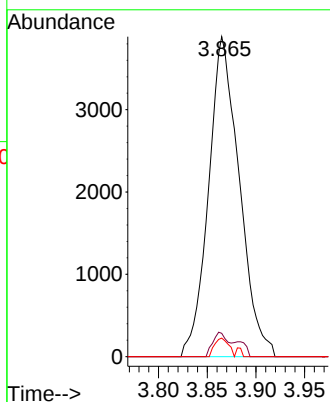
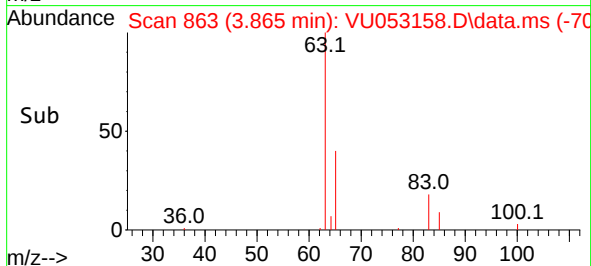
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



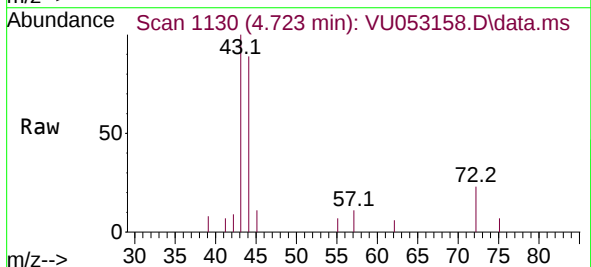
Tgt Ion: 63 Resp: 854
Ion Ratio Lower Upper
63 100
98 7.3 3.1 9.4
100 5.8 2.1 6.2

Manual Integrations
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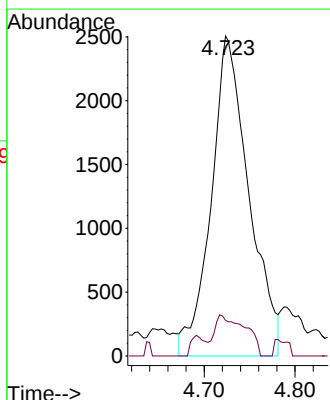
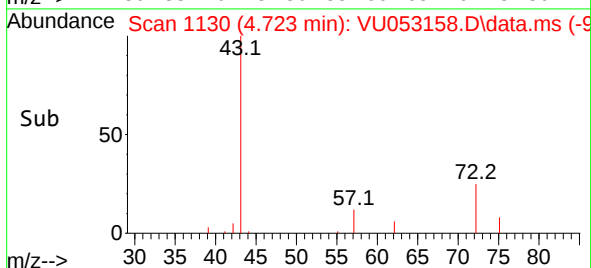
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

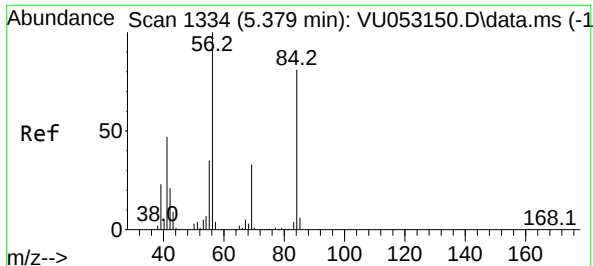


#18
2-Butanone
Concen: 2.978 ug/l m
RT: 4.723 min Scan# 1130
Delta R.T. 0.019 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21



Tgt Ion: 43 Resp: 7219
Ion Ratio Lower Upper
43 100
57 11.1 0.0 17.6





#19

Cyclohexane

Concen: 0.669 ug/l m

RT: 5.386 min Scan# 11

Delta R.T. 0.006 min

Lab File: VU053158.D

Acq: 27 Feb 2023 18:21

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 56 Resp: 7089

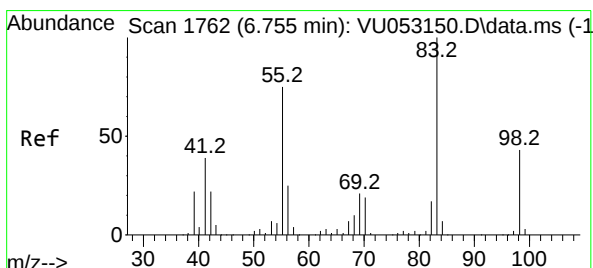
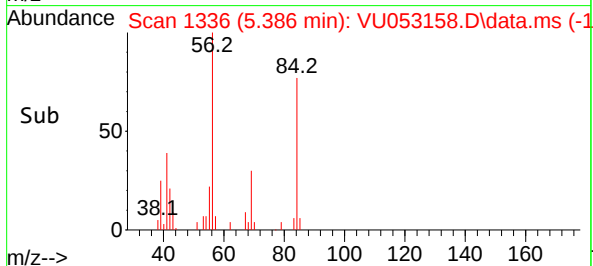
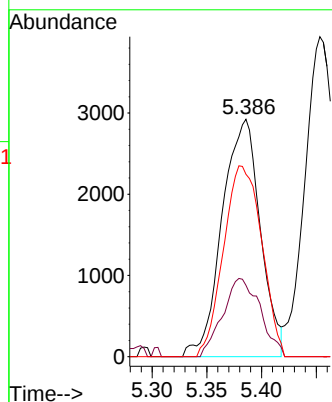
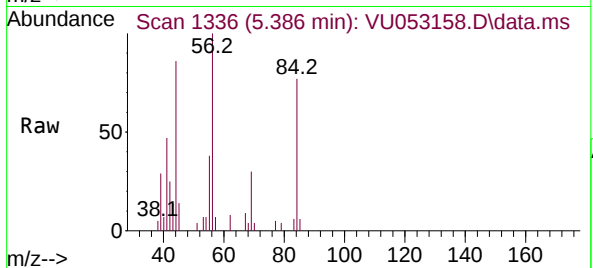
Ion	Ratio	Lower	Upper
56	100		
69	32.4	26.1	39.1
84	80.3	64.7	97.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#20

Methylcyclohexane

Concen: 0.607 ug/l

RT: 6.759 min Scan# 1763

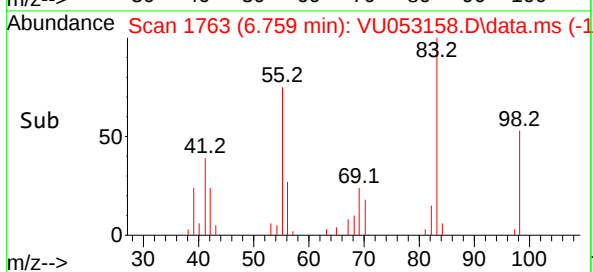
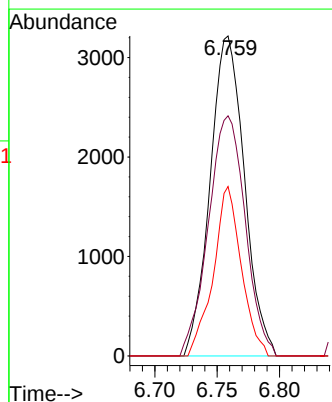
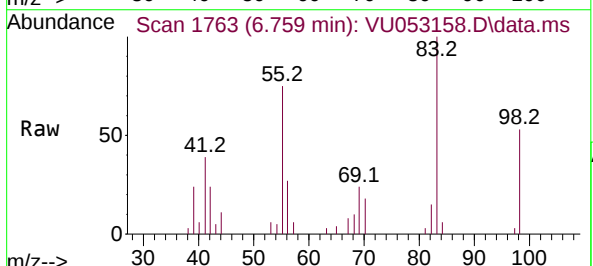
Delta R.T. 0.003 min

Lab File: VU053158.D

Acq: 27 Feb 2023 18:21

Tgt Ion: 83 Resp: 6169

Ion	Ratio	Lower	Upper
83	100		
55	80.5	60.2	90.2
98	43.2	33.9	50.9





#21

2,2-Dichloropropane

Concen: 0.685 ug/l

RT: 4.662 min Scan# 1111

Delta R.T. 0.003 min

Lab File: VU053158.D

Acq: 27 Feb 2023 18:21

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 77 Resp: 796

Ion Ratio Lower Upper

77 100

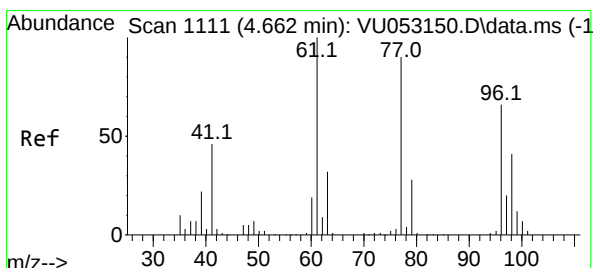
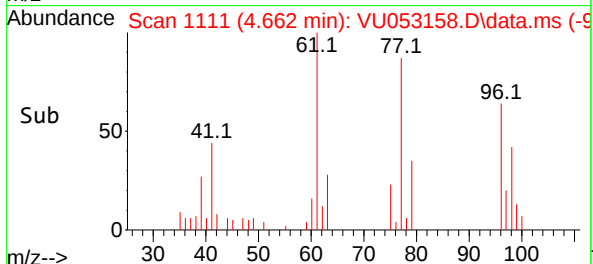
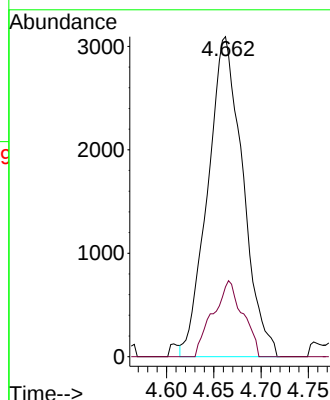
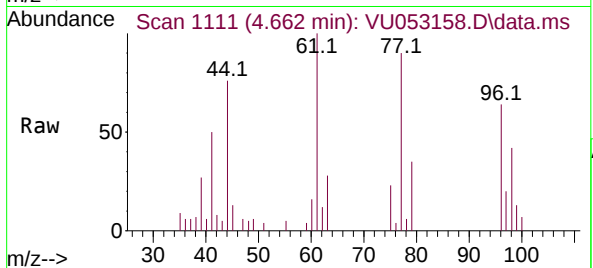
97 20.2 17.9 26.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#22

cis-1,2-Dichloroethene

Concen: 0.650 ug/l

RT: 4.666 min Scan# 1112

Delta R.T. 0.003 min

Lab File: VU053158.D

Acq: 27 Feb 2023 18:21

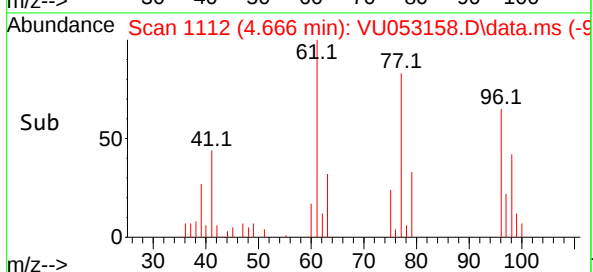
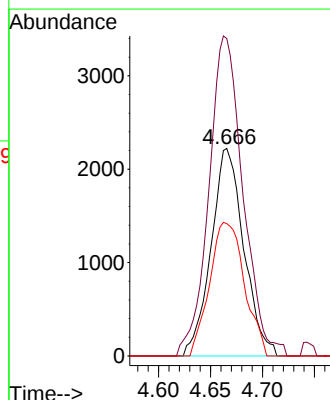
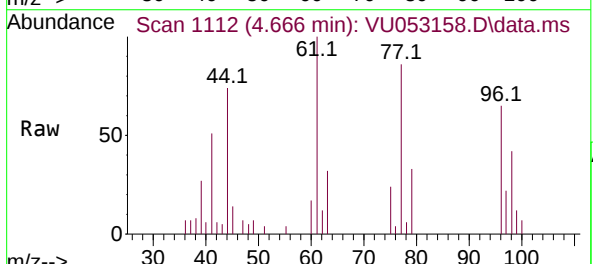
Tgt Ion: 96 Resp: 4866

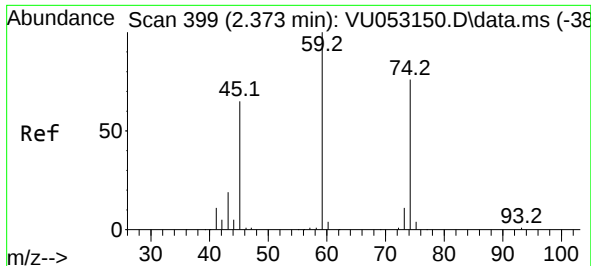
Ion Ratio Lower Upper

96 100

61 160.8 0.0 390.5

98 68.4 31.9 95.9





#23

Diethyl Ether

Concen: 0.677 ug/l

RT: 2.376 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU053158.D

Acq: 27 Feb 2023 18:21

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

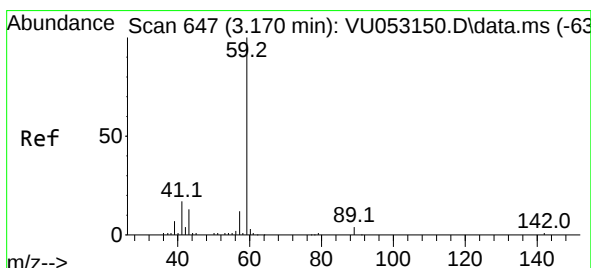
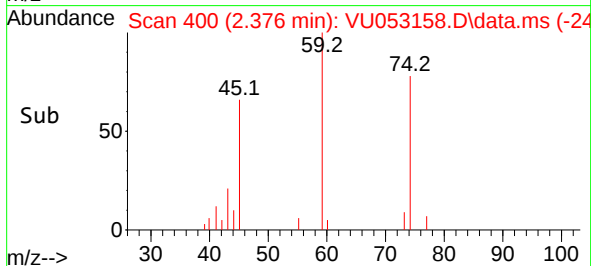
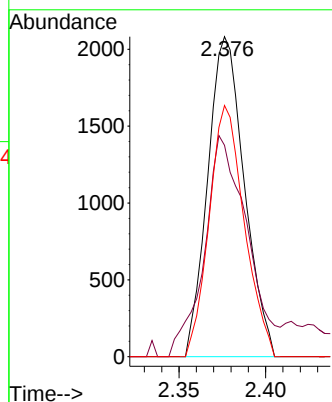
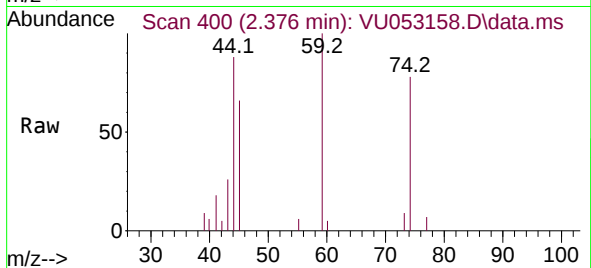
Tgt Ion: 59	Resp: 3054
Ion Ratio	Lower Upper
59	100
45	81.3 54.2 81.2
74	75.4 60.4 90.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#24

tert-Butyl Alcohol

Concen: 7.786 ug/l m

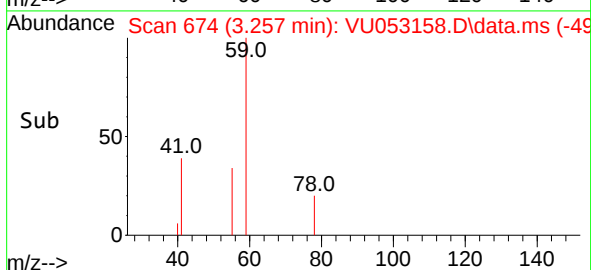
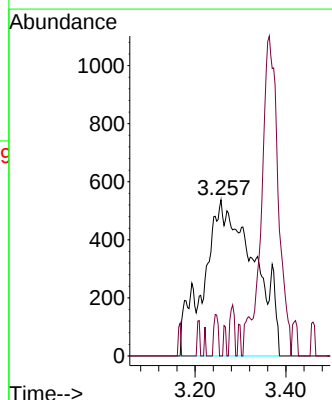
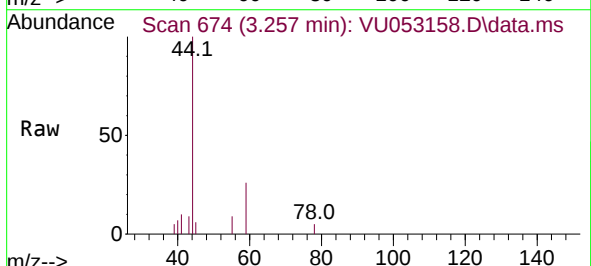
RT: 3.257 min Scan# 674

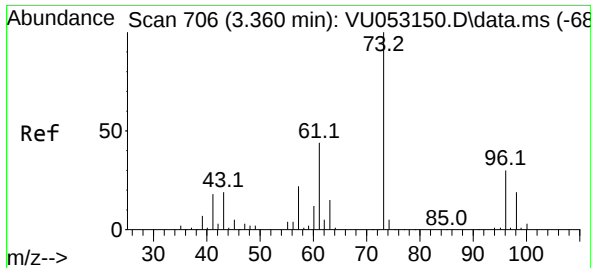
Delta R.T. 0.087 min

Lab File: VU053158.D

Acq: 27 Feb 2023 18:21

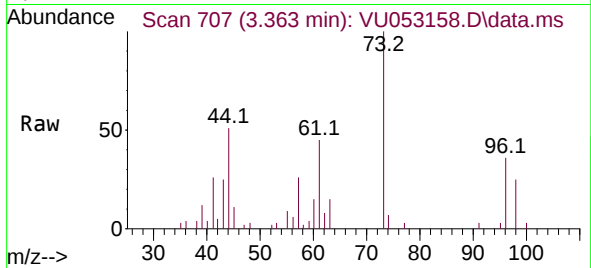
Tgt Ion: 59	Resp: 4129
Ion Ratio	Lower Upper
59	100
57	0.0 8.7 13.1





#25
Methyl tert-Butyl Ether
Concen: 0.663 ug/l
RT: 3.363 min Scan# 706
Delta R.T. 0.003 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

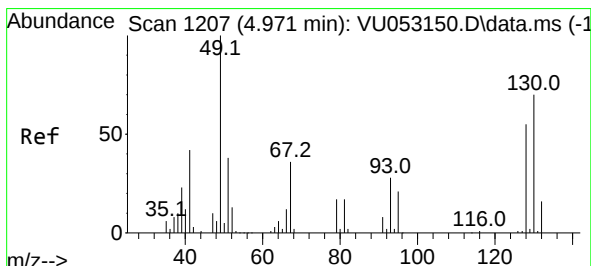
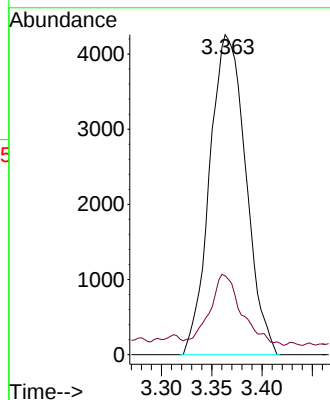
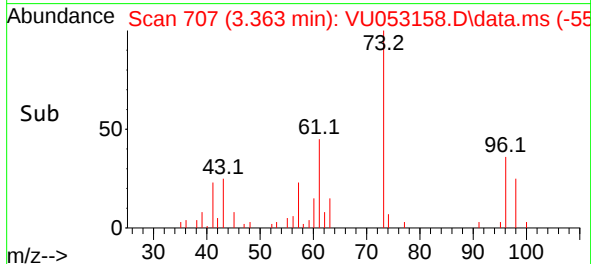
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 73 Resp: 10639
Ion Ratio Lower Upper
73 100
43 19.6 15.0 22.6

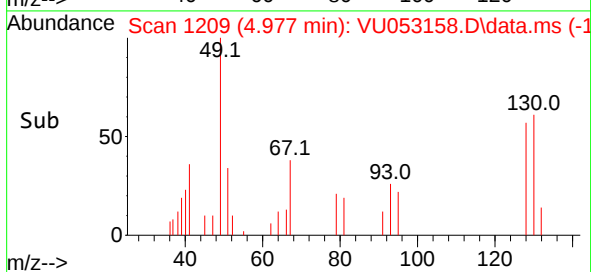
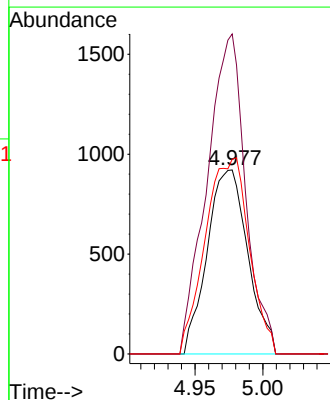
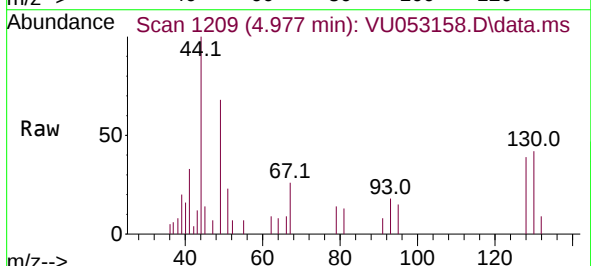
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#26
Bromochloromethane
Concen: 0.665 ug/l
RT: 4.977 min Scan# 1209
Delta R.T. 0.006 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

Tgt Ion:128 Resp: 1925
Ion Ratio Lower Upper
128 100
49 164.4 0.0 376.8
130 114.9 104.8 157.2





#27

Chloroform

Concen: 0.629 ug/l

RT: 5.087 min Scan# 1242

Delta R.T. 0.003 min

Lab File: VU053158.D

Acq: 27 Feb 2023 18:21

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 83 Resp: 859

Ion Ratio Lower Upper

83 100

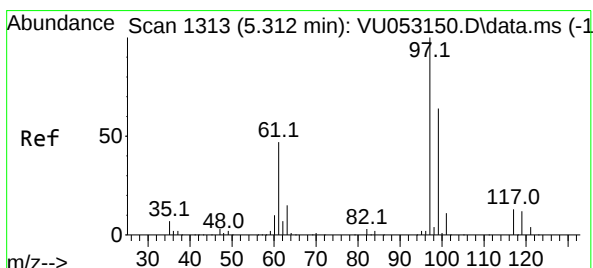
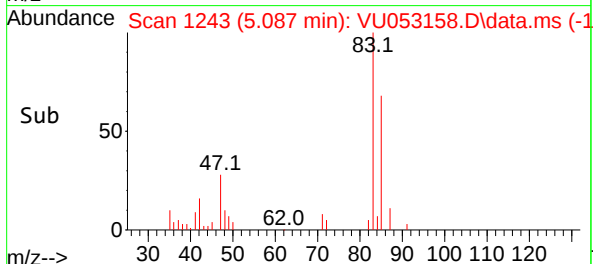
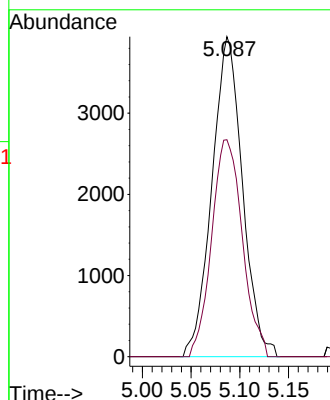
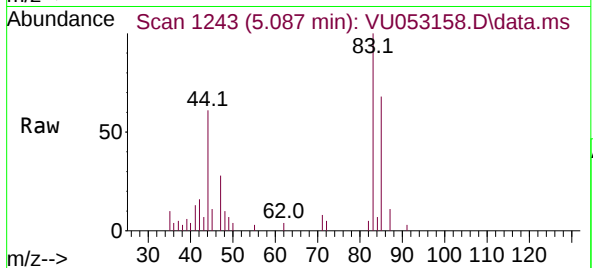
85 67.8 0.0 129.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#28

1,1,1-Trichloroethane

Concen: 0.666 ug/l

RT: 5.312 min Scan# 1313

Delta R.T. 0.000 min

Lab File: VU053158.D

Acq: 27 Feb 2023 18:21

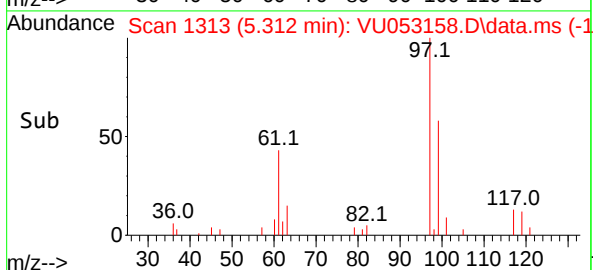
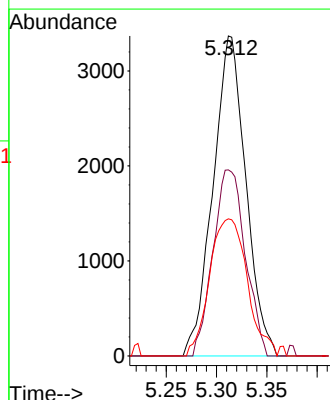
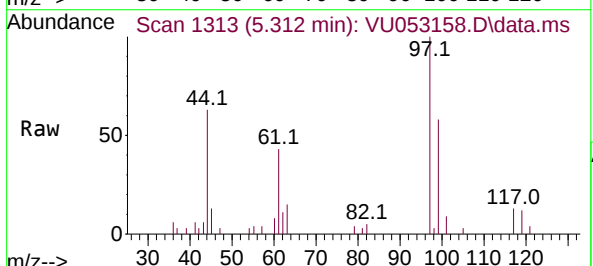
Tgt Ion: 97 Resp: 7650

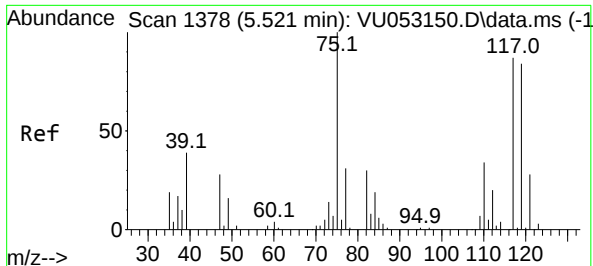
Ion Ratio Lower Upper

97 100

99 57.4 31.6 94.8

61 49.2 23.9 71.7





#29

1,1-Dichloropropene

Concen: 0.629 ug/l

RT: 5.524 min Scan# 1378

Delta R.T. 0.003 min

Lab File: VU053158.D

Acq: 27 Feb 2023 18:21

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

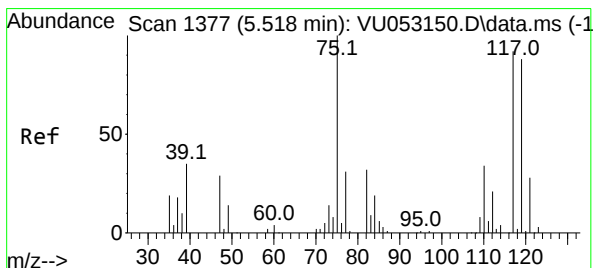
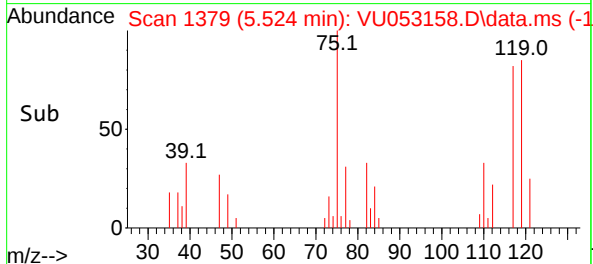
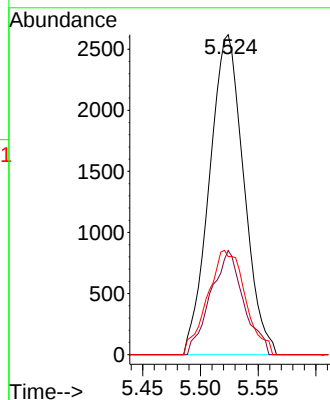
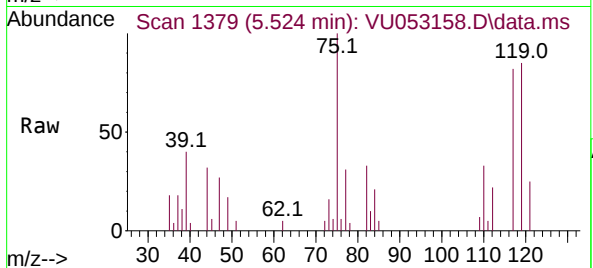
Tgt Ion:	75	Resp:	541
Ion	Ratio	Lower	Upper
75	100		
110	31.3	16.3	48.8
77	35.9	24.9	37.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#30

Carbon Tetrachloride

Concen: 0.639 ug/l

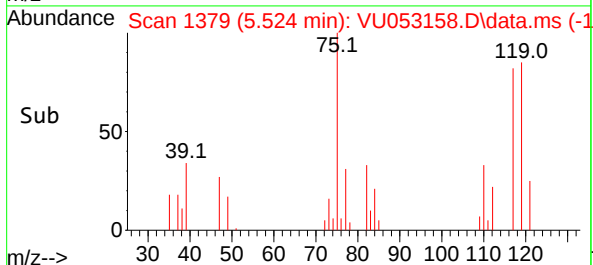
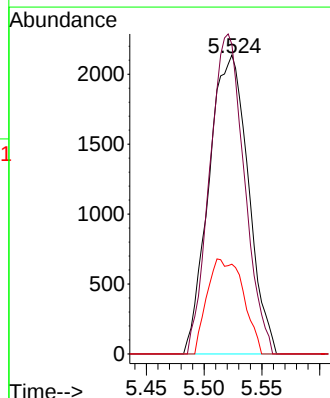
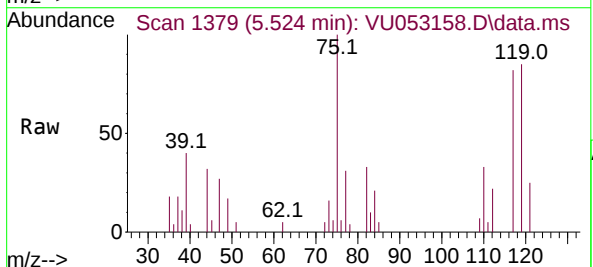
RT: 5.524 min Scan# 1379

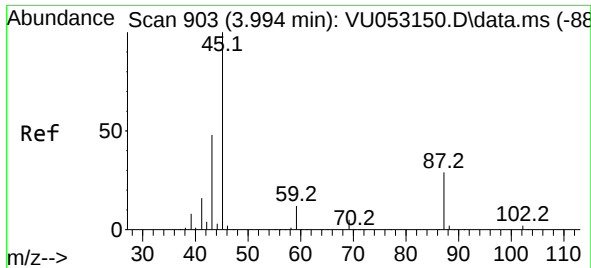
Delta R.T. 0.006 min

Lab File: VU053158.D

Acq: 27 Feb 2023 18:21

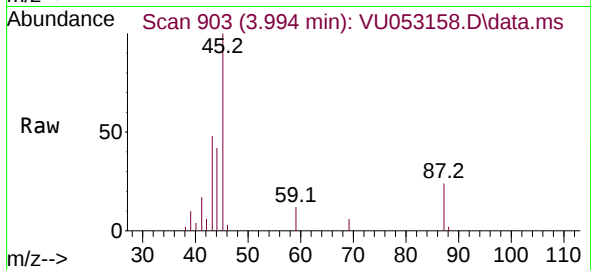
Tgt Ion:	117	Resp:	5054
Ion	Ratio	Lower	Upper
117	100		
119	103.6	76.2	114.2
121	30.0	24.6	36.8





#31
Isopropyl Ether
Concen: 0.671 ug/l
RT: 3.994 min Scan# 903
Delta R.T. 0.000 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

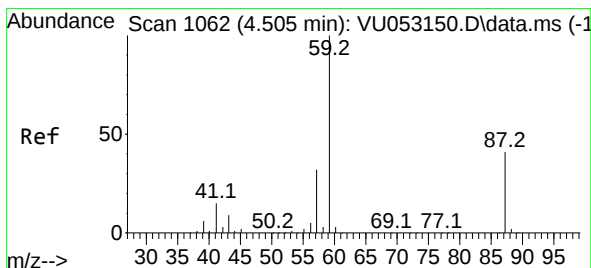
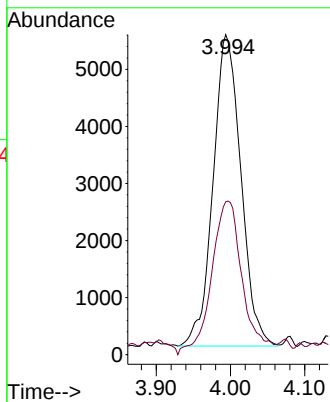
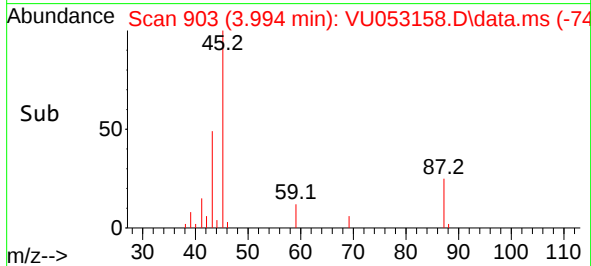
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



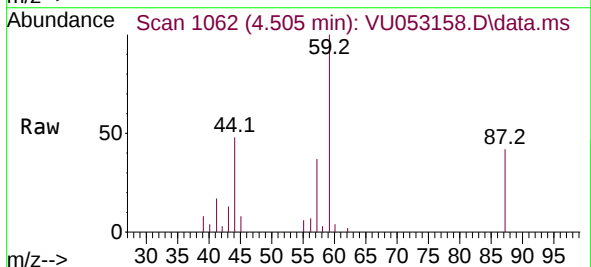
Tgt Ion: 45 Resp: 1421
Ion Ratio Lower Upper
45 100
43 54.9 24.4 73.2

Manual Integrations
APPROVED

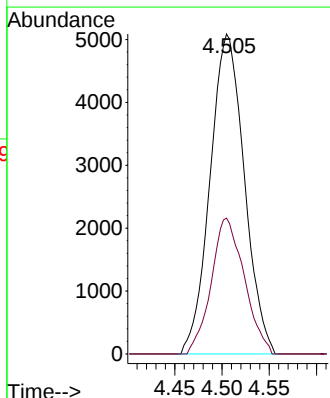
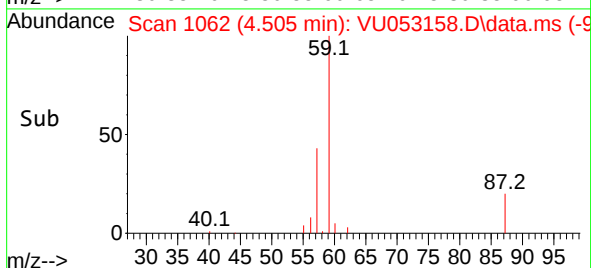
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

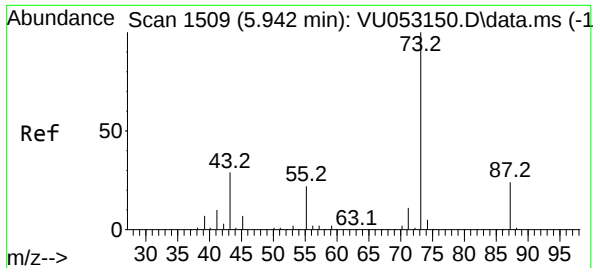


#32
Ethyl-t-butyl ether
Concen: 0.638 ug/l
RT: 4.505 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21



Tgt Ion: 59 Resp: 12798
Ion Ratio Lower Upper
59 100
87 41.0 32.5 48.7





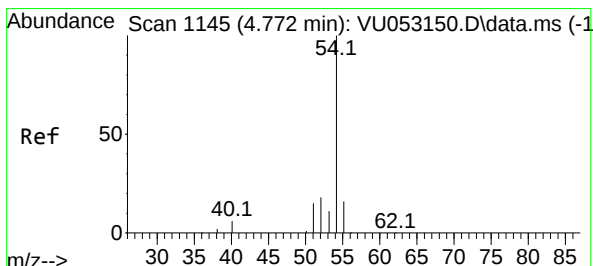
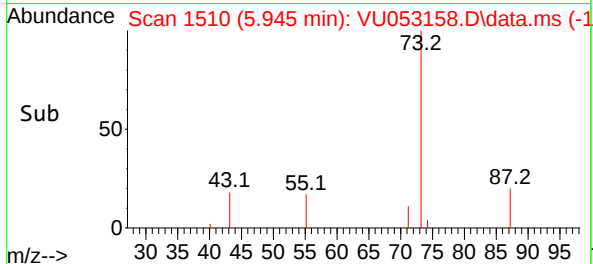
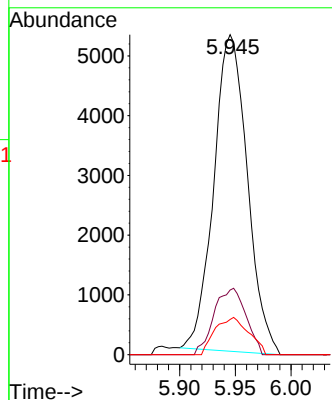
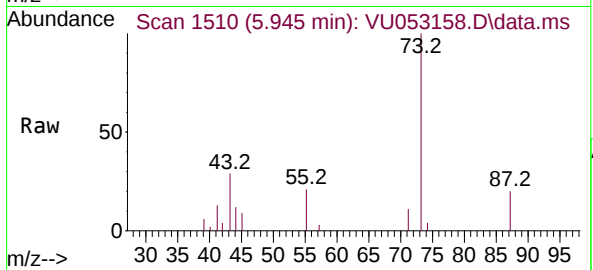
#33
Tert-Amyl methyl ether
Concen: 0.698 ug/l
RT: 5.945 min Scan# 1111
Delta R.T. 0.003 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 73 Resp: 1111
Ion Ratio Lower Upper
73 100
87 19.9 19.0 28.4
71 11.8 9.2 13.8

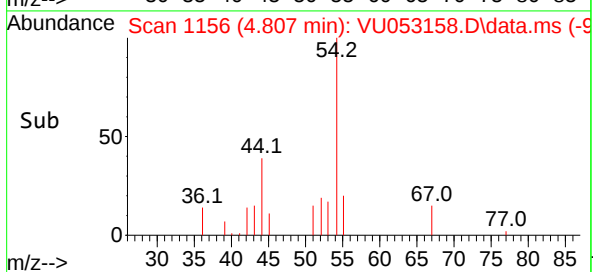
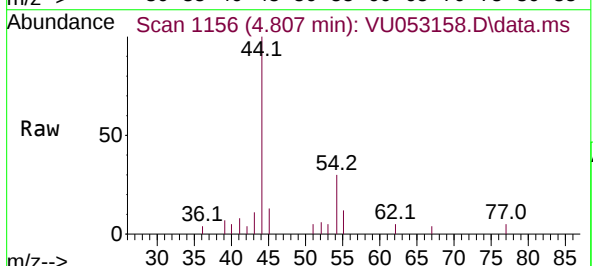
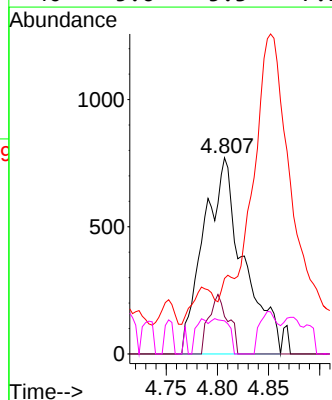
Manual Integrations
APPROVED

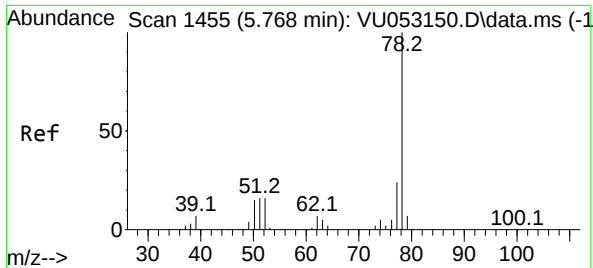
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#34
Propionitrile
Concen: 3.697 ug/l m
RT: 4.807 min Scan# 1156
Delta R.T. 0.035 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

Tgt Ion: 54 Resp: 2085
Ion Ratio Lower Upper
54 100
52 0.0 16.5 24.7#
55 12.7 11.4 17.2
40 5.6 5.3 7.9





#35

Benzene

Concen: 0.667 ug/l

RT: 5.772 min Scan# 1456

Delta R.T. 0.003 min

Lab File: VU053158.D

Acq: 27 Feb 2023 18:21

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 78 Resp: 1692

Ion Ratio Lower Upper

78 100

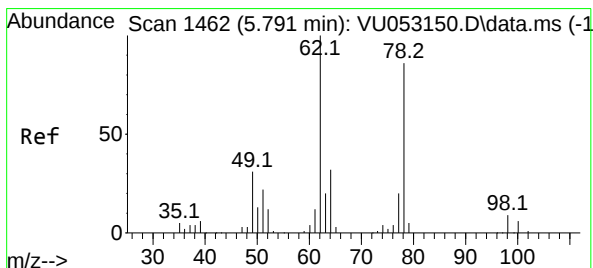
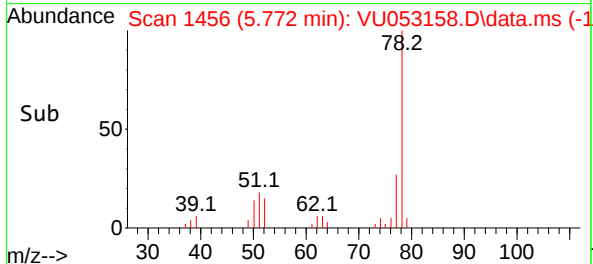
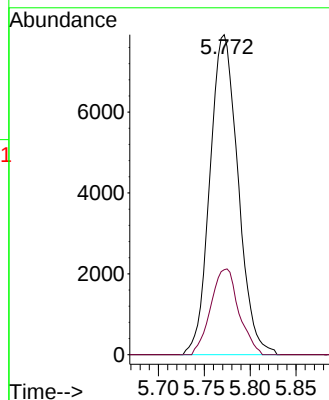
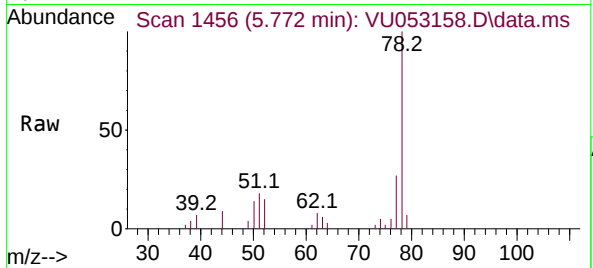
77 26.6 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#36

1,2-Dichloroethane

Concen: 0.695 ug/l

RT: 5.794 min Scan# 1463

Delta R.T. 0.003 min

Lab File: VU053158.D

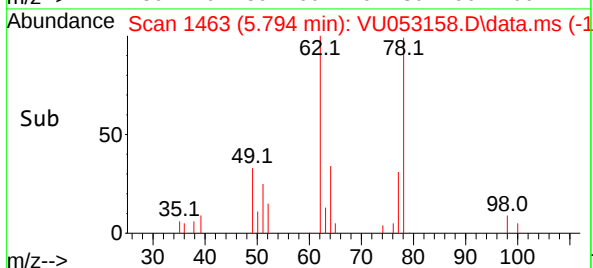
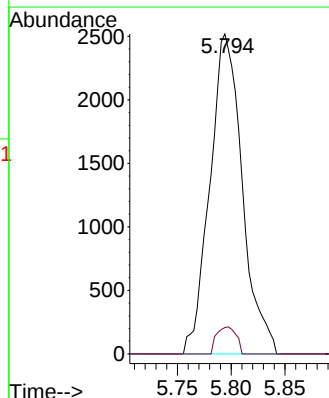
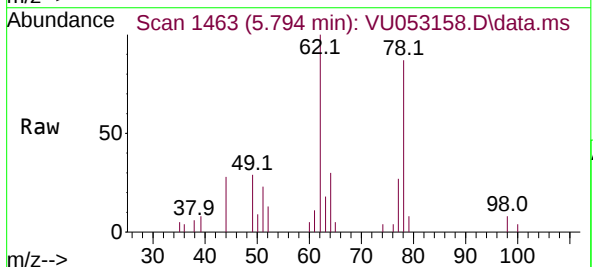
Acq: 27 Feb 2023 18:21

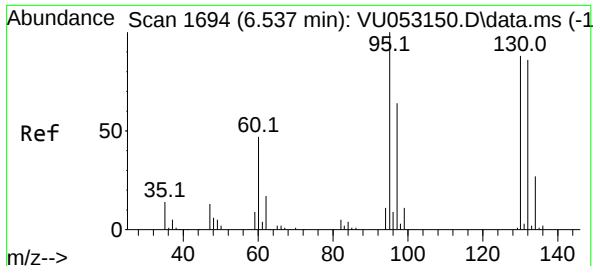
Tgt Ion: 62 Resp: 5274

Ion Ratio Lower Upper

62 100

98 5.1 7.0 10.4#





#37

Trichloroethene

Concen: 0.682 ug/l

RT: 6.540 min Scan# 1694

Delta R.T. 0.003 min

Lab File: VU053158.D

Acq: 27 Feb 2023 18:21

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion:130 Resp: 3972

Ion Ratio Lower Upper

130 100

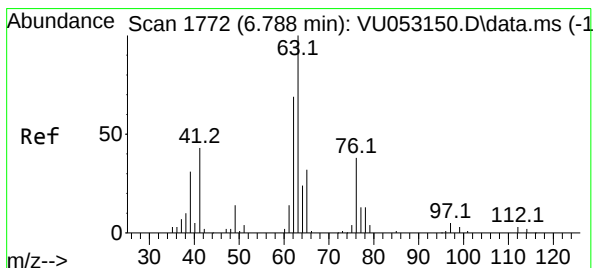
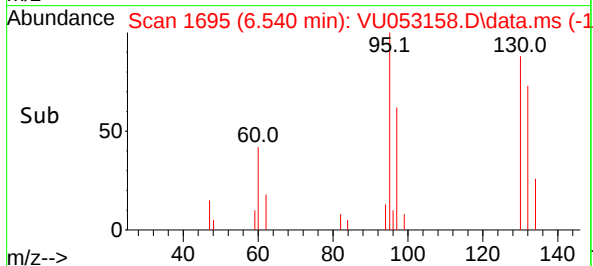
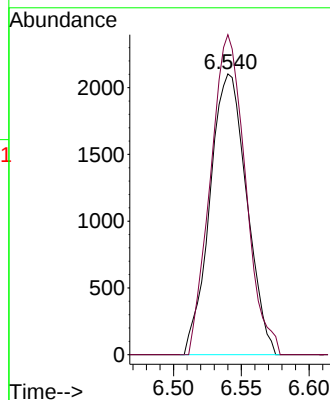
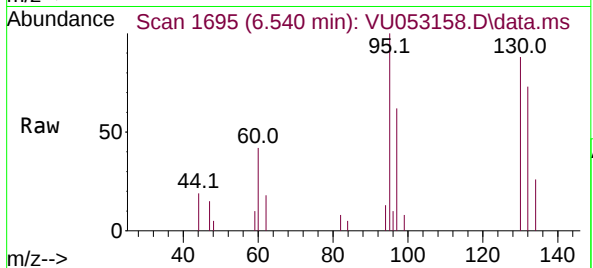
95 114.0 91.1 136.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#38

1,2-Dichloropropane

Concen: 0.684 ug/l

RT: 6.791 min Scan# 1773

Delta R.T. 0.003 min

Lab File: VU053158.D

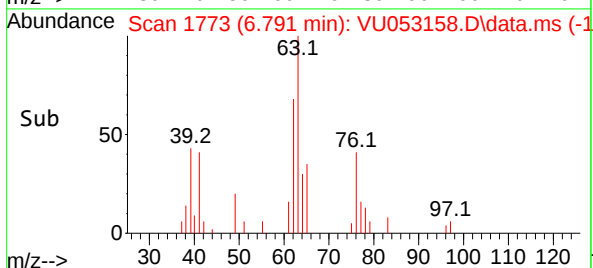
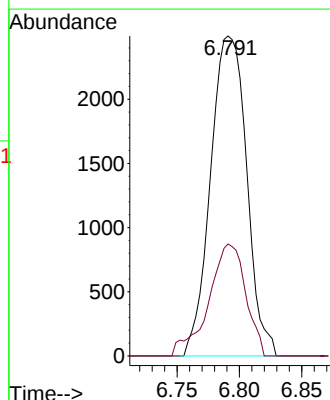
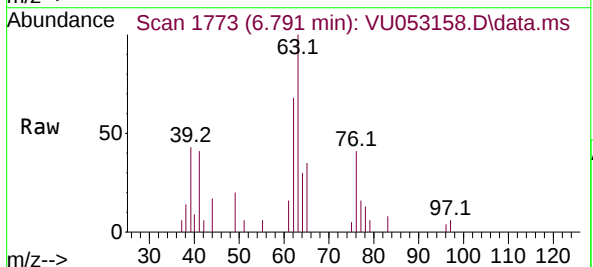
Acq: 27 Feb 2023 18:21

Tgt Ion: 63 Resp: 5024

Ion Ratio Lower Upper

63 100

65 35.0 25.5 38.3





#39

Methacrylonitrile

Concen: 0.613 ug/l

RT: 4.981 min Scan# 1170

Delta R.T. 0.006 min

Lab File: VU053158.D

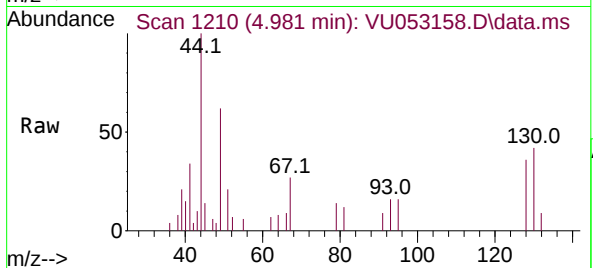
Acq: 27 Feb 2023 18:21

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 41 Resp: 1474

Ion Ratio Lower Upper

41 100

67 124.7 67.1 100.7

39 87.5 42.6 64.0

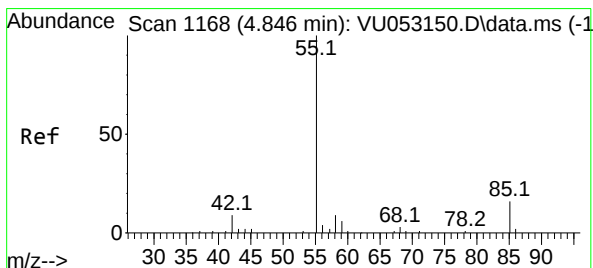
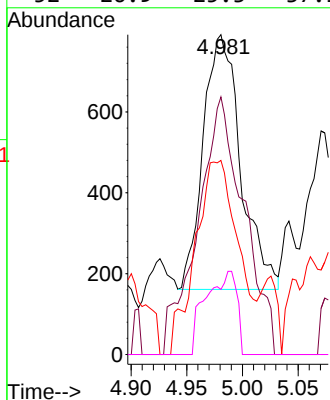
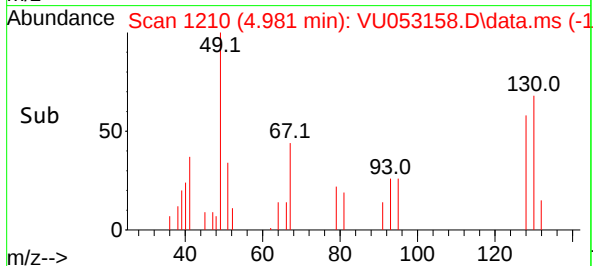
52 26.9 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#40

Methyl acrylate

Concen: 0.738 ug/l

RT: 4.852 min Scan# 1170

Delta R.T. 0.006 min

Lab File: VU053158.D

Acq: 27 Feb 2023 18:21

Tgt Ion: 55 Resp: 2746

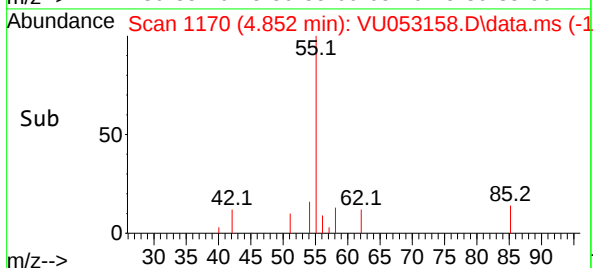
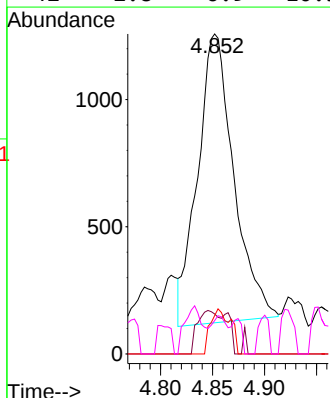
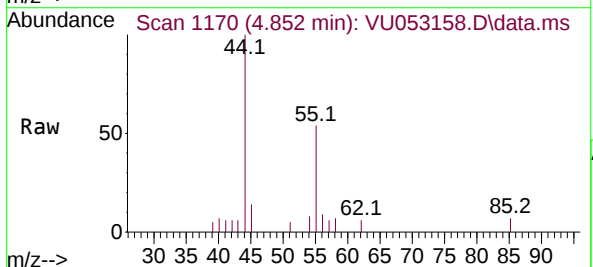
Ion Ratio Lower Upper

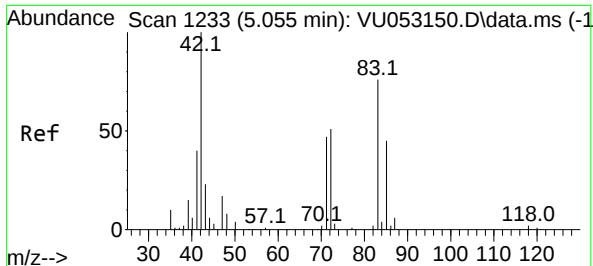
55 100

85 9.3 13.5 20.3

58 8.6 7.3 10.9

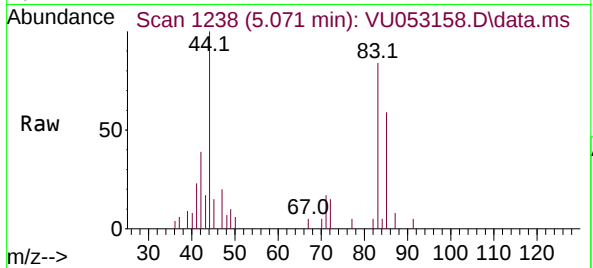
42 2.8 6.9 10.3





#41
Tetrahydrofuran
Concen: 1.979 ug/l m
RT: 5.071 min Scan# 1233
Delta R.T. 0.016 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

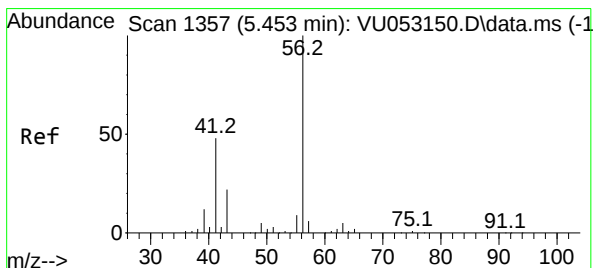
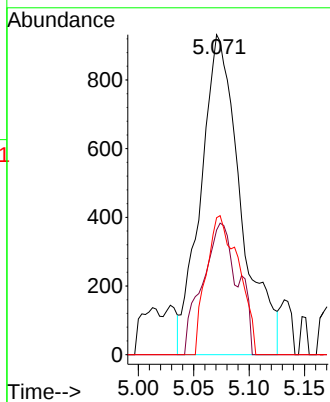
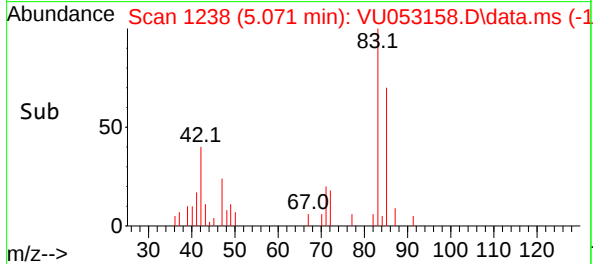
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



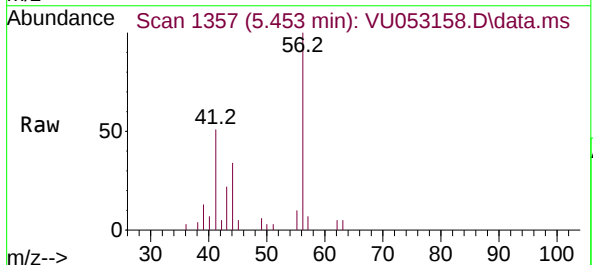
Tgt Ion: 42 Resp: 2334
Ion Ratio Lower Upper
42 100
72 31.3 41.6 62.4
71 35.2 37.9 56.9

Manual Integrations
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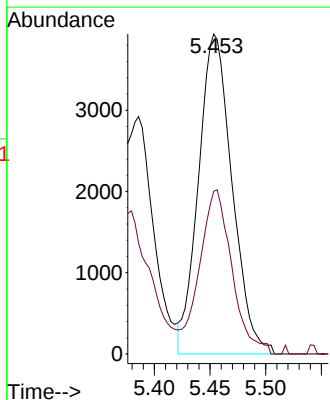
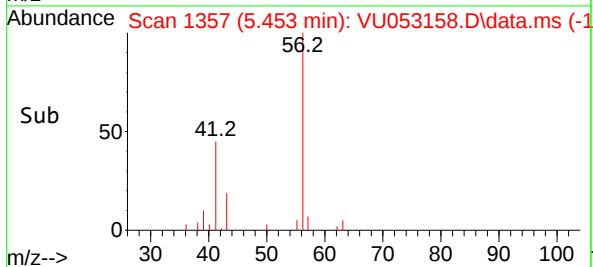
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

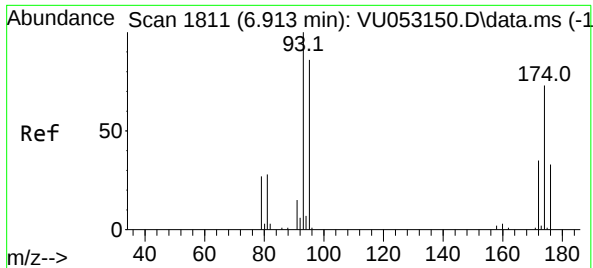


#42
1-Chlorobutane
Concen: 0.690 ug/l
RT: 5.453 min Scan# 1357
Delta R.T. 0.000 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21



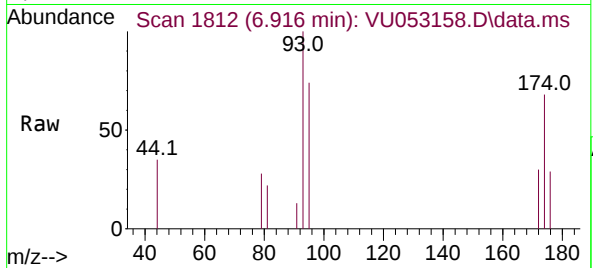
Tgt Ion: 56 Resp: 8272
Ion Ratio Lower Upper
56 100
41 49.6 23.7 71.1





#43
Dibromomethane
Concen: 0.668 ug/l
RT: 6.916 min Scan# 1811
Delta R.T. 0.003 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

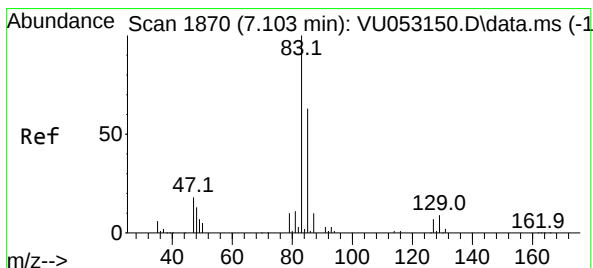
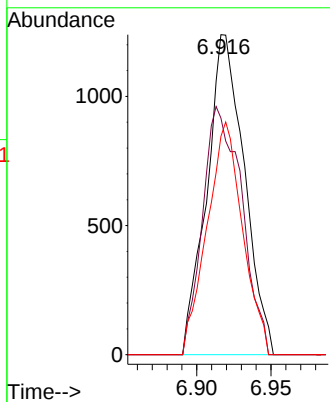
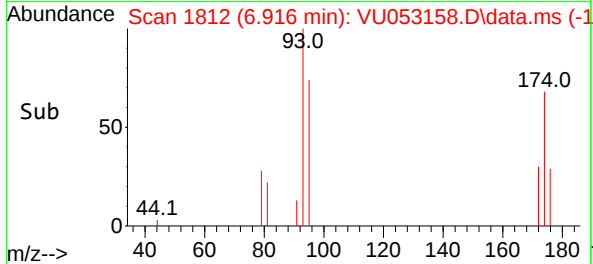
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



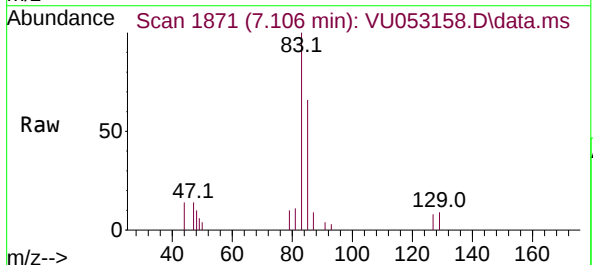
Tgt Ion: 93 Resp: 2170
Ion Ratio Lower Upper
93 100
95 80.9 66.5 99.7
174 69.0 58.2 87.4

Manual Integrations
APPROVED

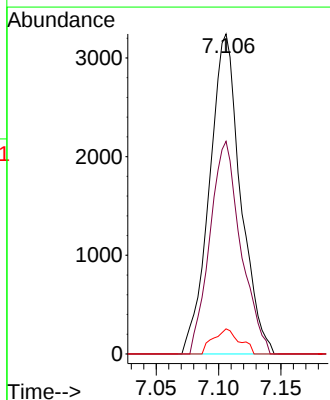
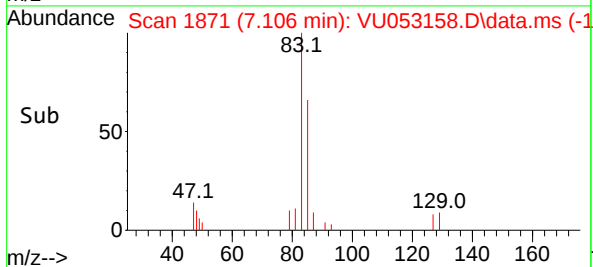
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

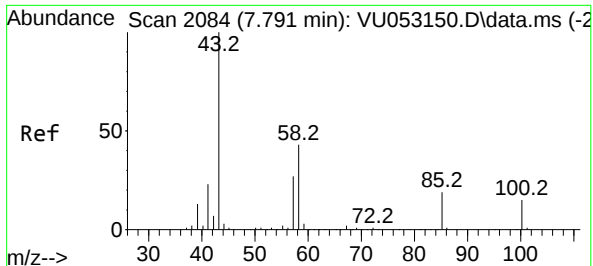


#44
Bromodichloromethane
Concen: 0.633 ug/l
RT: 7.106 min Scan# 1871
Delta R.T. 0.003 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21



Tgt Ion: 83 Resp: 5640
Ion Ratio Lower Upper
83 100
85 66.5 50.6 75.8
127 7.9 5.8 8.8





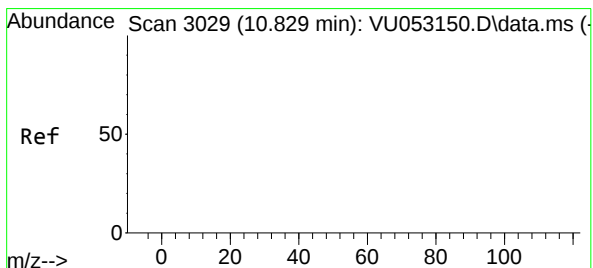
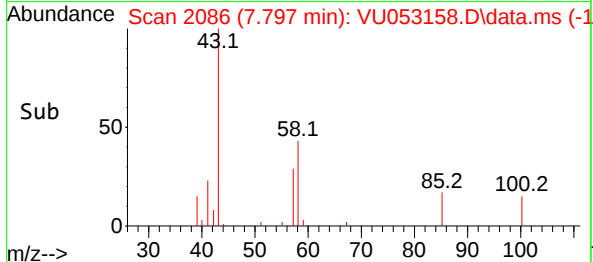
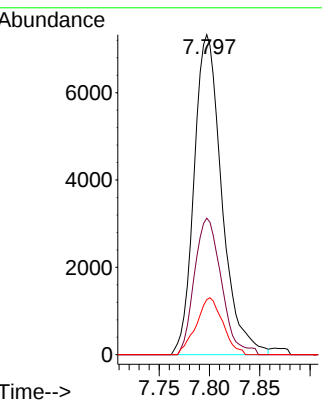
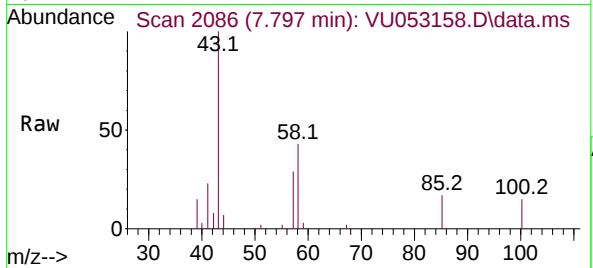
#45
4-Methyl-2-Pentanone
Concen: 3.536 ug/l
RT: 7.797 min Scan# 2086
Delta R.T. 0.006 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 43 Resp: 1405
Ion Ratio Lower Upper
43 100
58 41.5 22.0 66.0
85 17.0 15.7 23.5

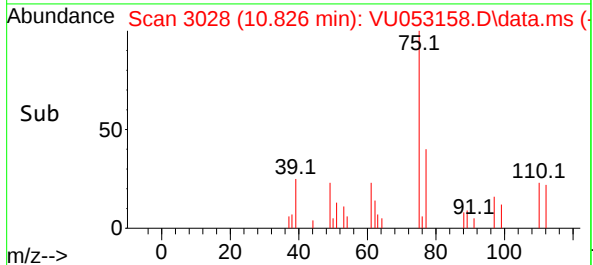
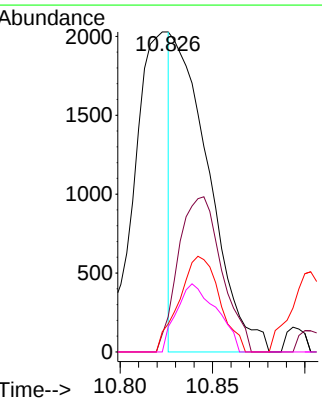
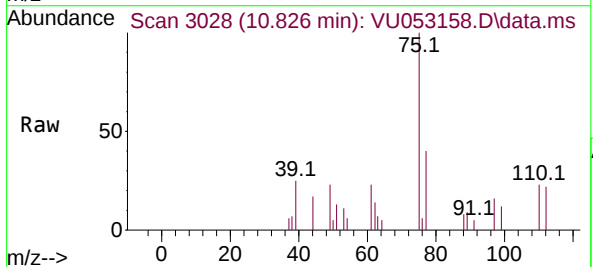
Manual Integrations
APPROVED

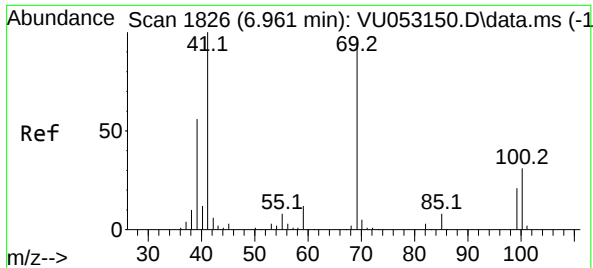
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#46
t-1,4-Dichloro-2-butene
Concen: 1.396 ug/l m
RT: 10.826 min Scan# 3028
Delta R.T. -0.003 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

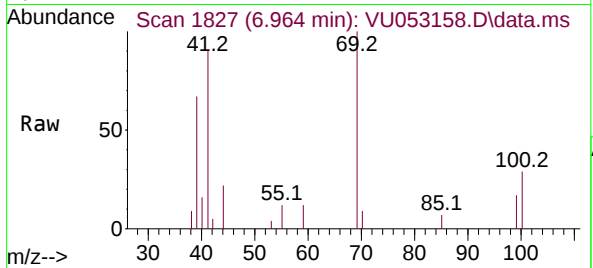
Tgt Ion: 75 Resp: 2795
Ion Ratio Lower Upper
75 100
53 57.6 57.0 85.4
89 33.1 43.1 64.7#
88 23.3 30.8 46.2#





#47
Methyl methacrylate
Concen: 1.348 ug/l
RT: 6.964 min Scan# 1826
Delta R.T. 0.003 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

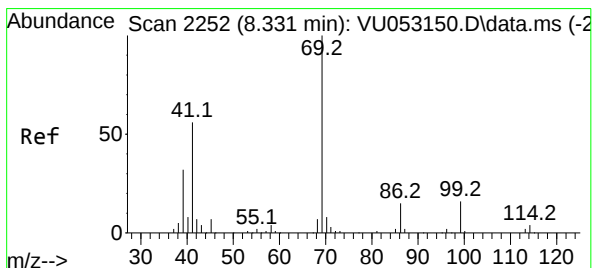
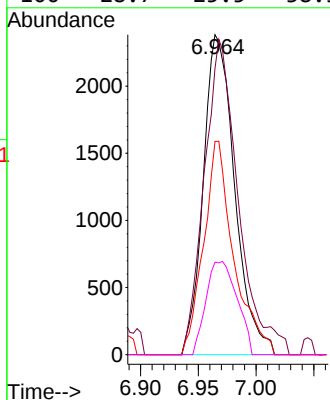
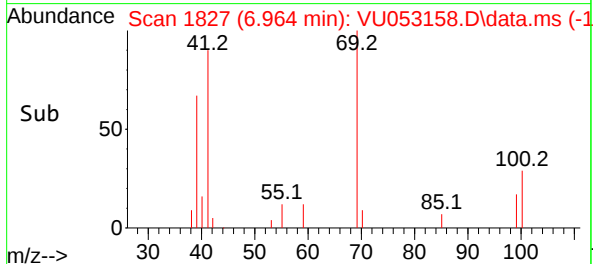
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 69 Resp: 451
Ion Ratio Lower Upper
69 100
41 106.9 0.0 201.0
39 64.1 47.1 70.7
100 28.7 25.5 38.3

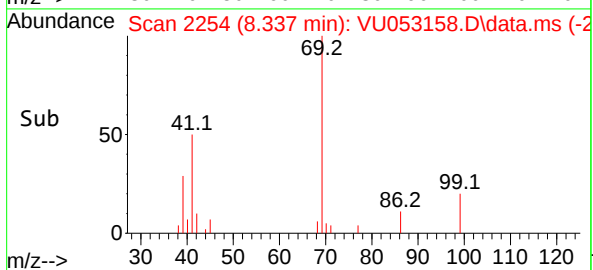
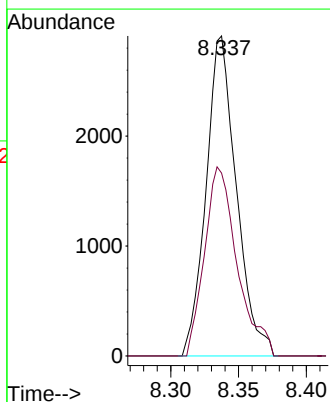
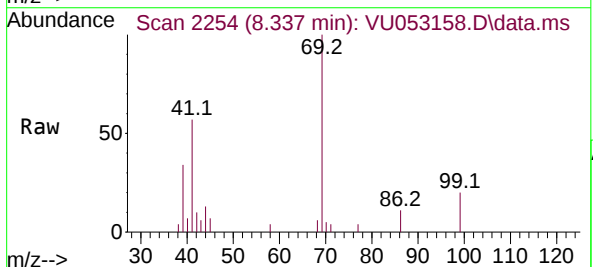
Manual Integrations
APPROVED

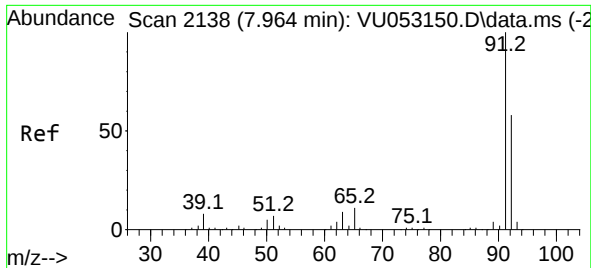
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#48
Ethyl methacrylate
Concen: 0.659 ug/l
RT: 8.337 min Scan# 2254
Delta R.T. 0.006 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

Tgt Ion: 69 Resp: 4529
Ion Ratio Lower Upper
69 100
41 63.6 28.2 84.6





#49

Toluene

Concen: 0.669 ug/l

RT: 7.968 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU053158.D

Acq: 27 Feb 2023 18:21

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 92 Resp: 1046

Ion Ratio Lower Upper

92 100

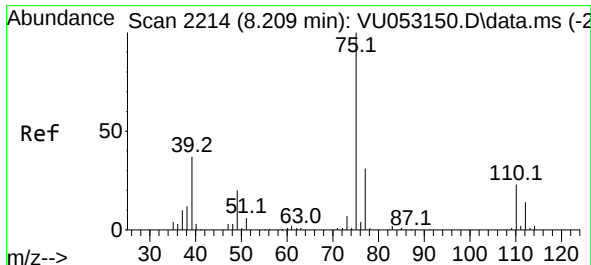
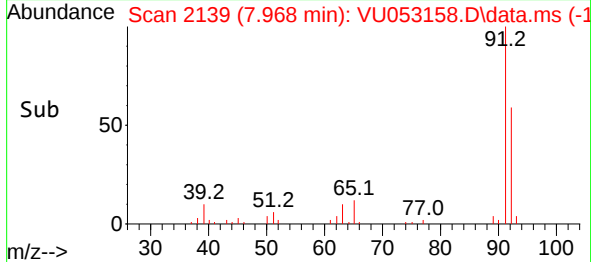
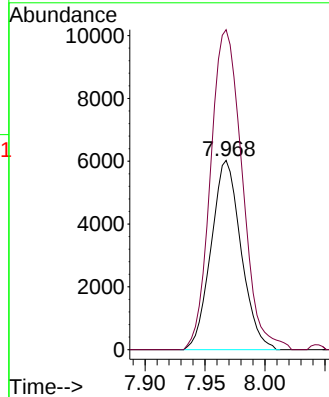
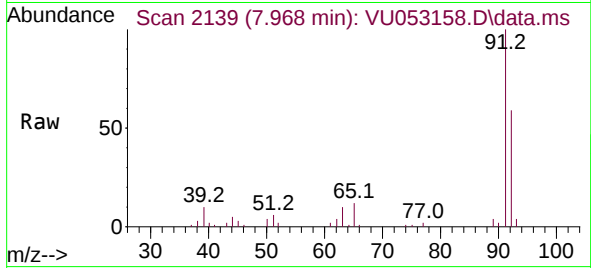
91 178.6 138.2 207.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#50

t-1,3-Dichloropropene

Concen: 0.652 ug/l

RT: 8.209 min Scan# 2214

Delta R.T. 0.000 min

Lab File: VU053158.D

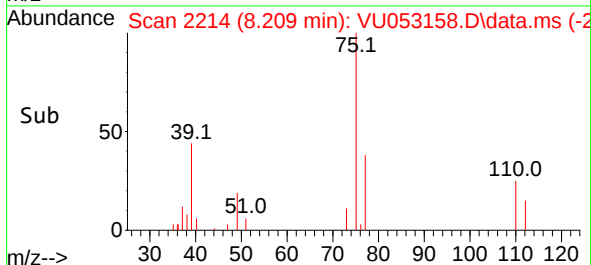
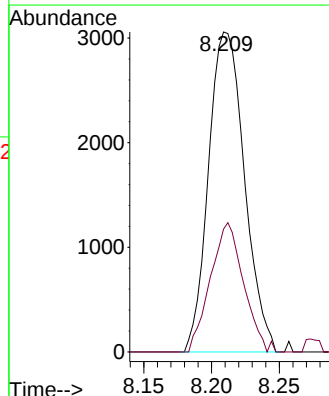
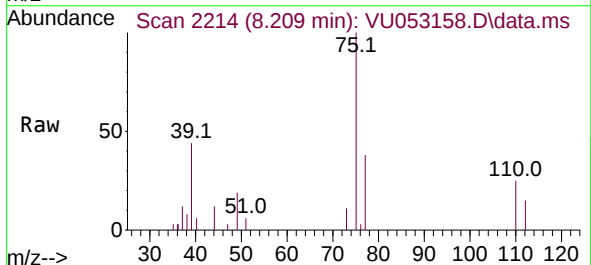
Acq: 27 Feb 2023 18:21

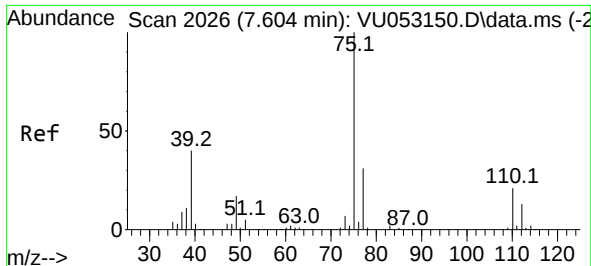
Tgt Ion: 75 Resp: 5644

Ion Ratio Lower Upper

75 100

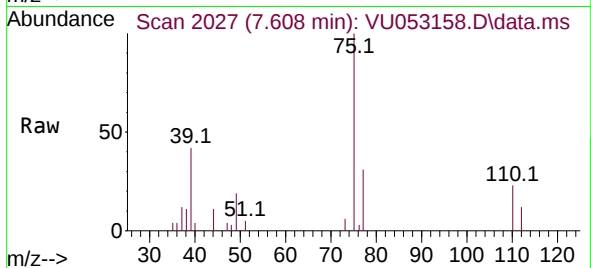
77 38.4 25.1 37.7#





#51
 cis-1,3-Dichloropropene
 Concen: 0.634 ug/l
 RT: 7.608 min Scan# 2026
 Delta R.T. 0.003 min
 Lab File: VU053158.D
 Acq: 27 Feb 2023 18:21

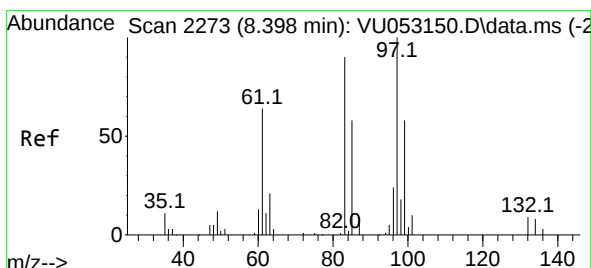
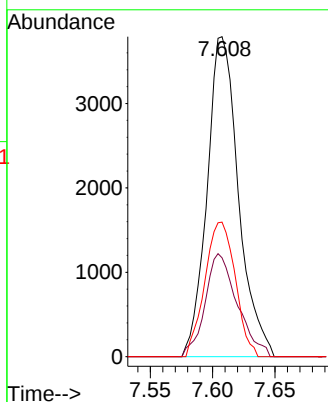
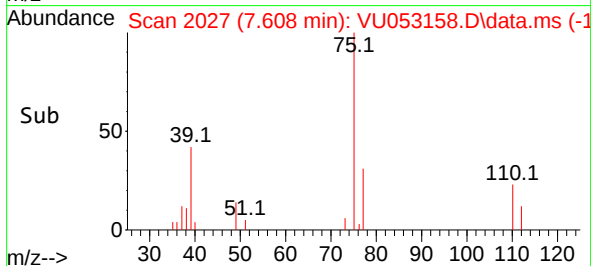
Instrument : MSVOA_U
 ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 75 Resp: 665
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.9 37.3
 39 42.1 32.2 48.2

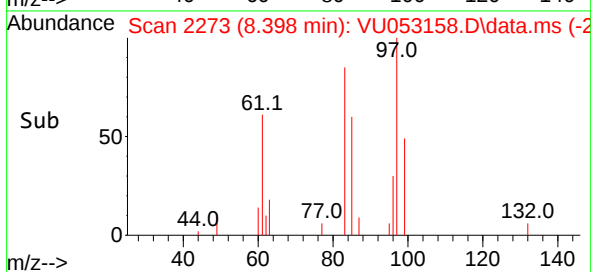
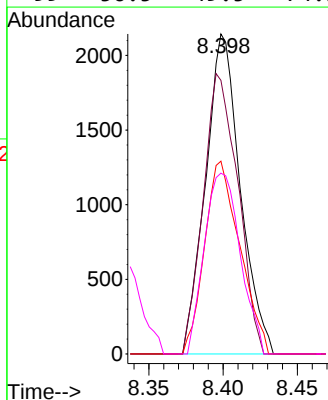
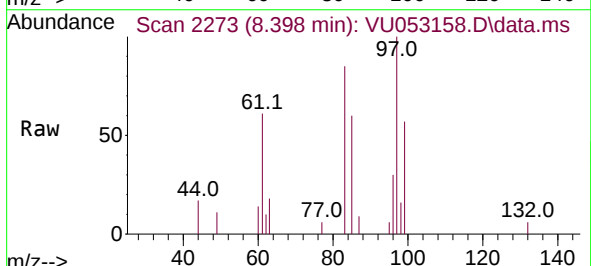
Manual Integrations
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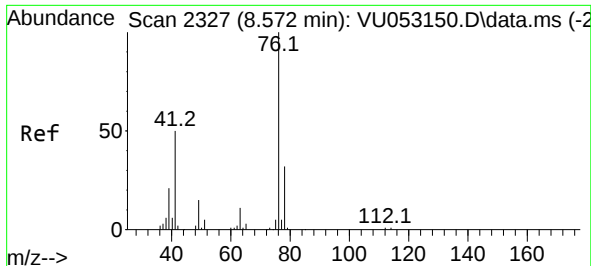
Reviewed By :Krupa Patel 02/28/2023
 Supervised By :Mahesh Dadoda 02/28/2023



#52
 1,1,2-Trichloroethane
 Concen: 0.729 ug/l
 RT: 8.398 min Scan# 2273
 Delta R.T. 0.000 min
 Lab File: VU053158.D
 Acq: 27 Feb 2023 18:21

Tgt Ion: 97 Resp: 3488
 Ion Ratio Lower Upper
 97 100
 83 85.5 71.9 107.9
 85 60.3 46.5 69.7
 99 56.5 49.5 74.3





#53

1,3-Dichloropropane

Concen: 0.678 ug/l

RT: 8.575 min Scan# 2327

Delta R.T. 0.003 min

Lab File: VU053158.D

Acq: 27 Feb 2023 18:21

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 76 Resp: 5810

Ion Ratio Lower Upper

76 100

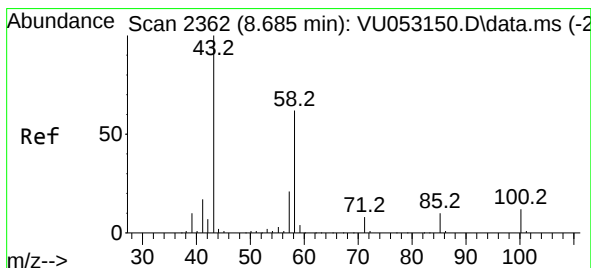
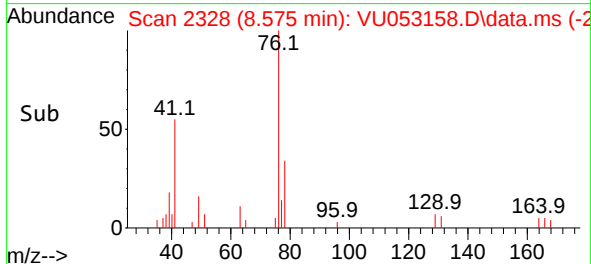
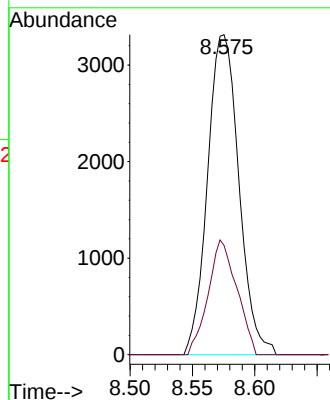
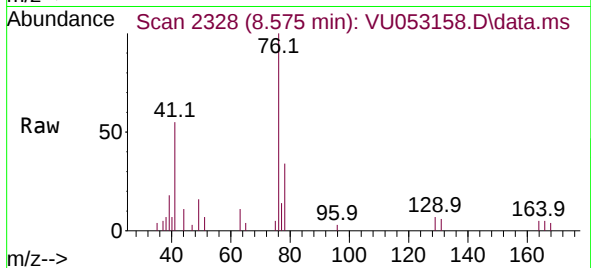
78 32.8 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#54

2-Hexanone

Concen: 2.988 ug/l

RT: 8.691 min Scan# 2364

Delta R.T. 0.006 min

Lab File: VU053158.D

Acq: 27 Feb 2023 18:21

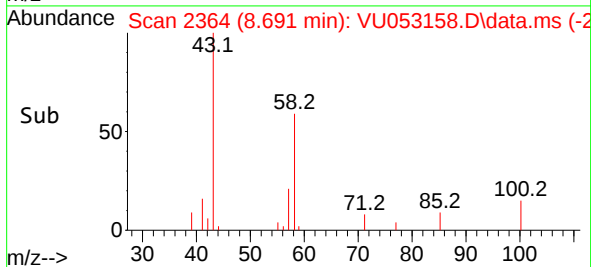
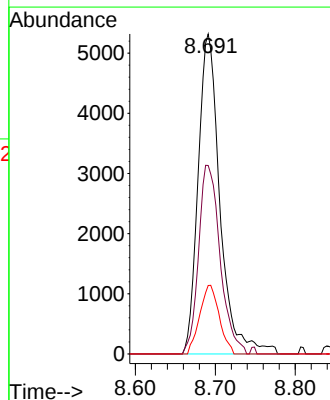
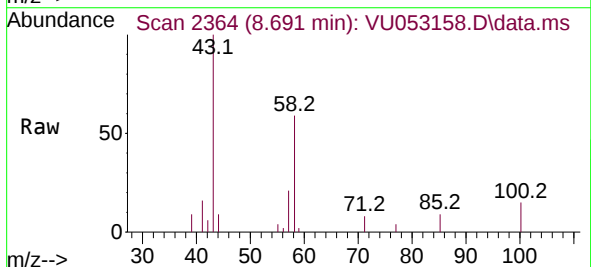
Tgt Ion: 43 Resp: 10117

Ion Ratio Lower Upper

43 100

58 58.1 42.0 82.0

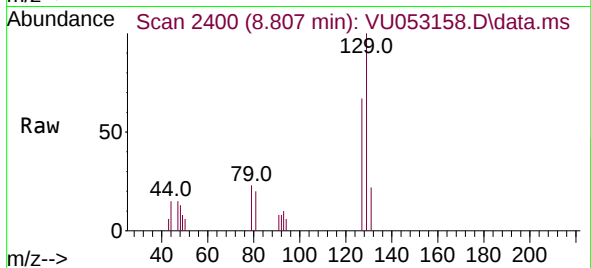
57 19.1 1.2 41.2





#55
Dibromochloromethane
Concen: 0.631 ug/l
RT: 8.807 min Scan# 2400
Delta R.T. 0.000 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

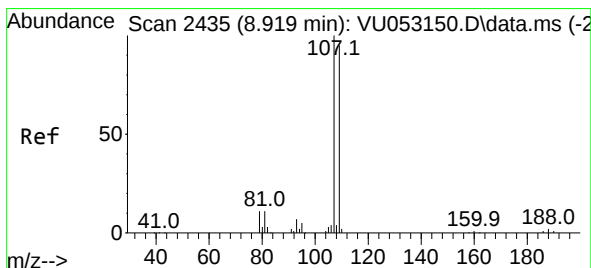
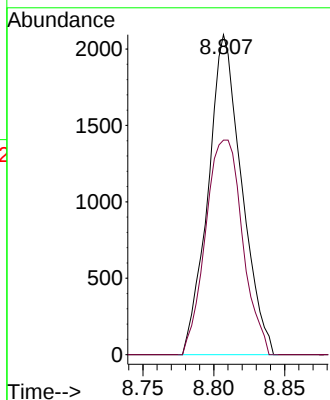
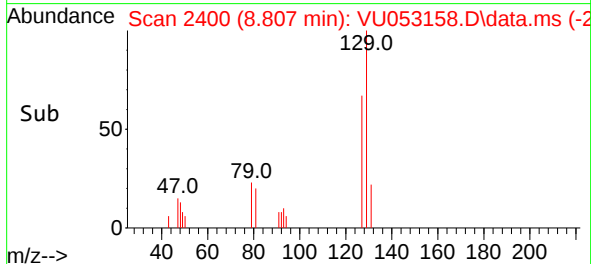
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



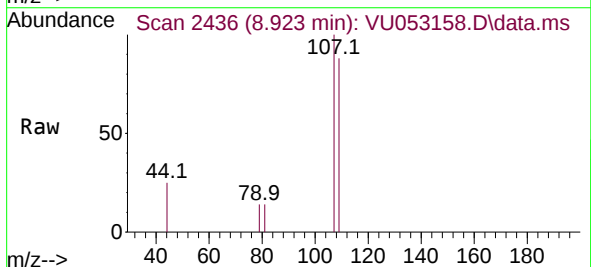
Tgt Ion:129 Resp: 344
Ion Ratio Lower Upper
129 100
127 74.1 61.1 91.7

Manual Integrations
APPROVED

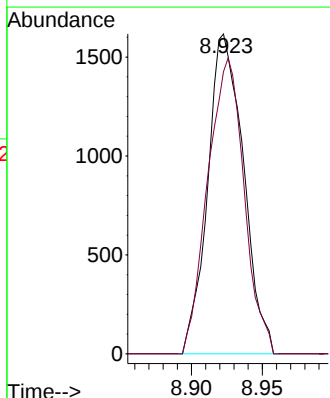
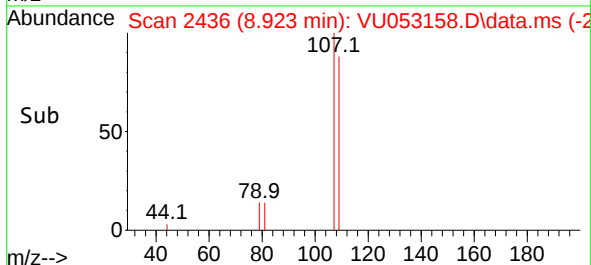
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

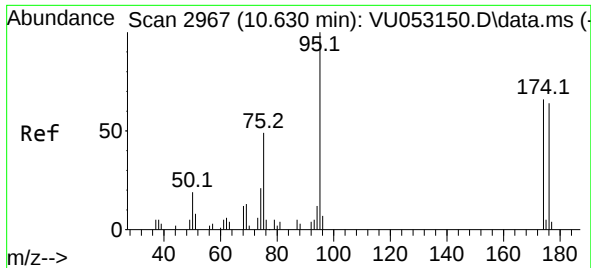


#56
1,2-Dibromoethane
Concen: 0.667 ug/l
RT: 8.923 min Scan# 2436
Delta R.T. 0.003 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21



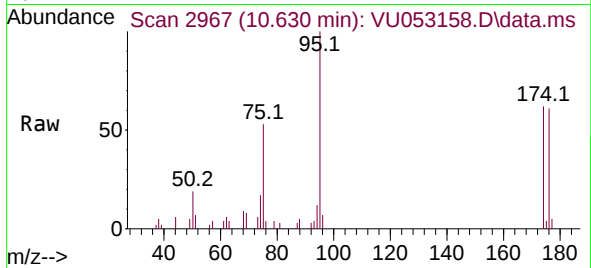
Tgt Ion:107 Resp: 2835
Ion Ratio Lower Upper
107 100
109 94.2 0.0 186.2





#57
4-Bromofluorobenzene
Concen: 0.957 ug/l
RT: 10.630 min Scan# 2967
Delta R.T. 0.000 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

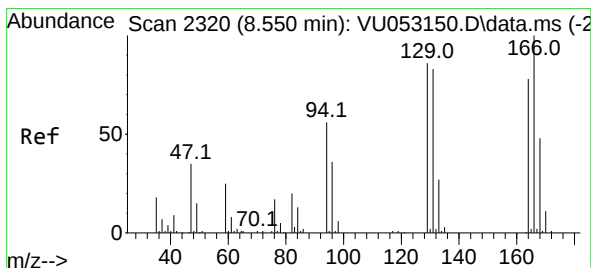
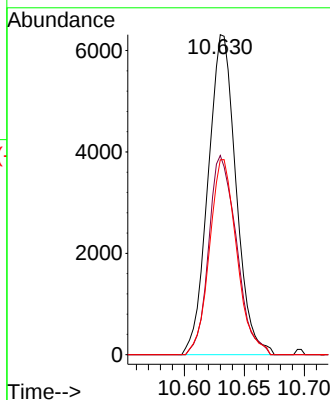
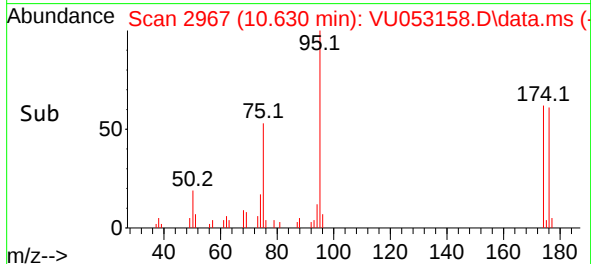
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 95 Resp: 1023
Ion Ratio Lower Upper
95 100
174 61.9 50.7 76.1
176 59.4 47.8 71.6

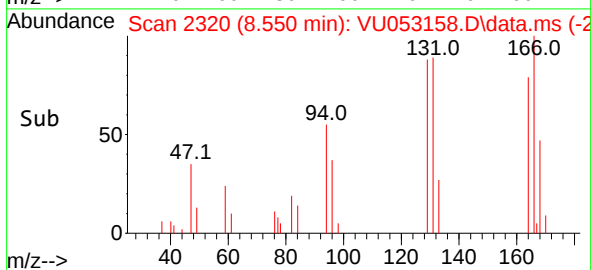
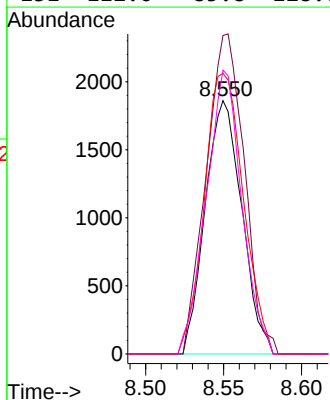
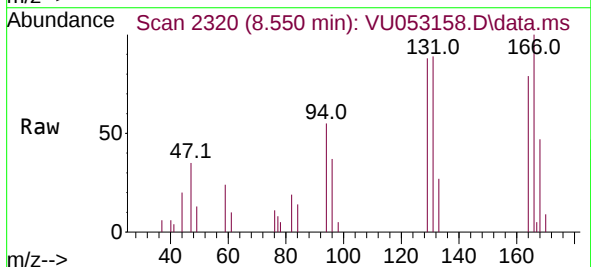
Manual Integrations
APPROVED

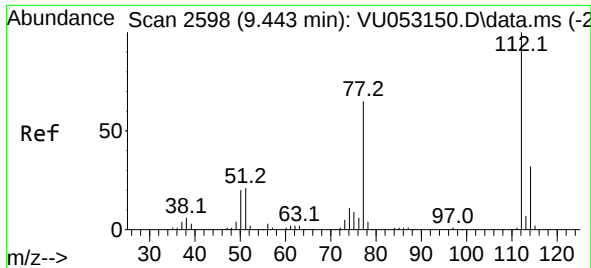
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#58
Tetrachloroethene
Concen: 0.653 ug/l
RT: 8.550 min Scan# 2320
Delta R.T. 0.000 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

Tgt Ion:164 Resp: 3033
Ion Ratio Lower Upper
164 100
166 125.8 103.2 154.8
129 110.8 88.8 133.2
131 112.0 85.8 128.6





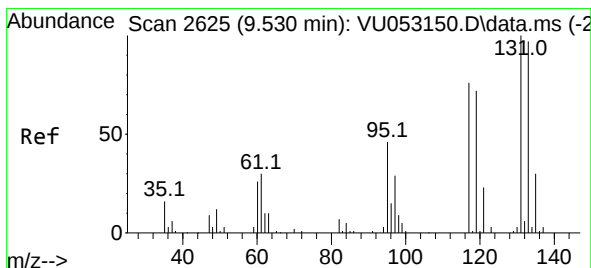
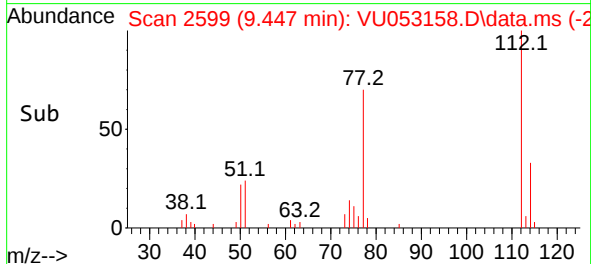
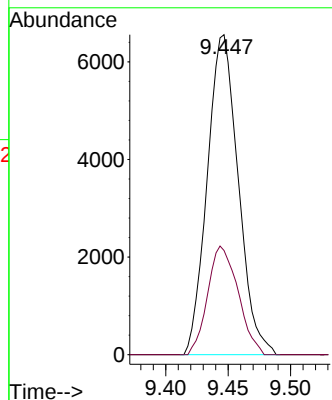
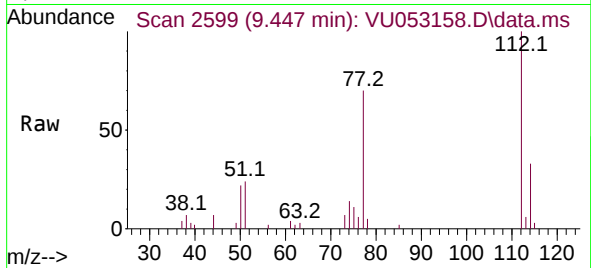
#59
Chlorobenzene
Concen: 0.649 ug/l
RT: 9.447 min Scan# 2598
Delta R.T. 0.003 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:112 Resp: 11358
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6

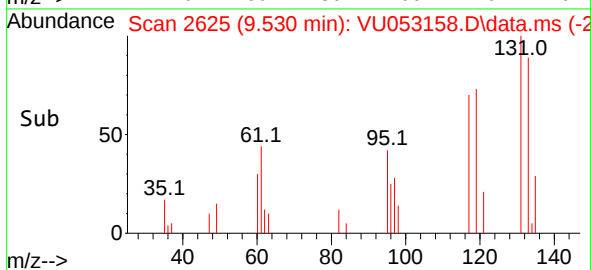
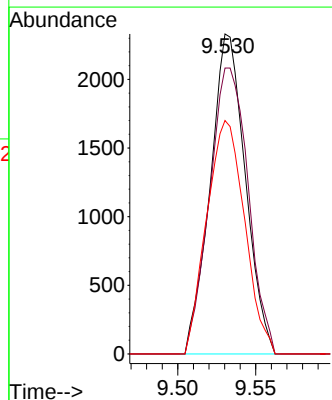
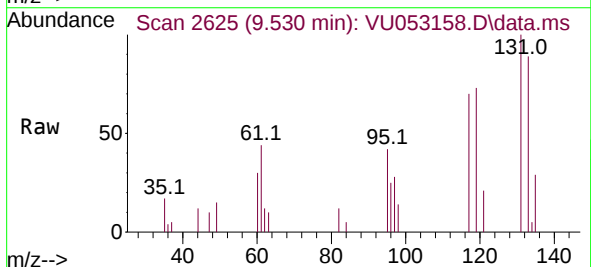
Manual Integrations
APPROVED

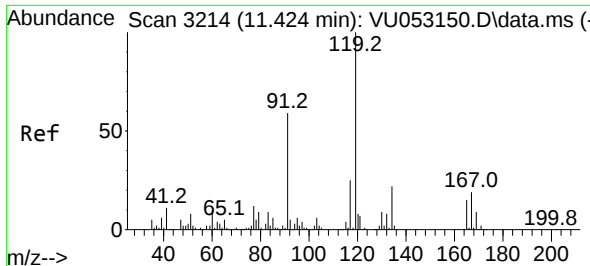
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#60
1,1,1,2-Tetrachloroethane
Concen: 0.631 ug/l
RT: 9.530 min Scan# 2625
Delta R.T. 0.000 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

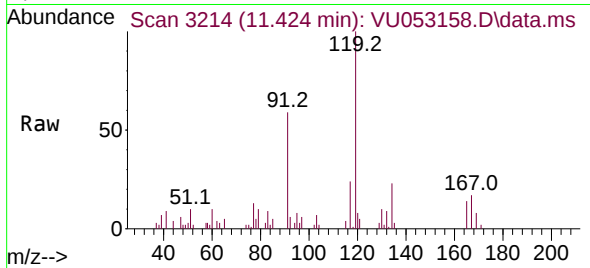
Tgt Ion:131 Resp: 3648
Ion Ratio Lower Upper
131 100
133 98.2 76.7 115.1
119 78.7 57.6 86.4





#61
Pentachloroethane
Concen: 0.686 ug/l
RT: 11.424 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

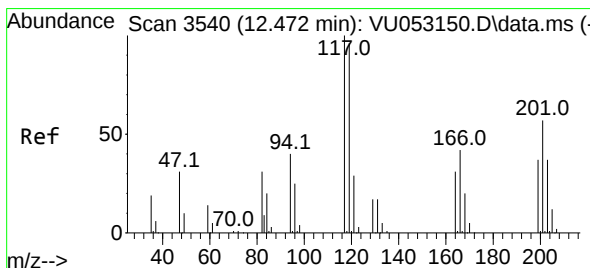
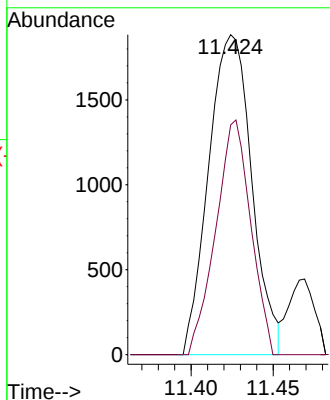
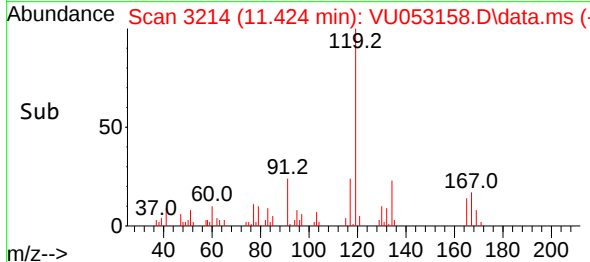
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



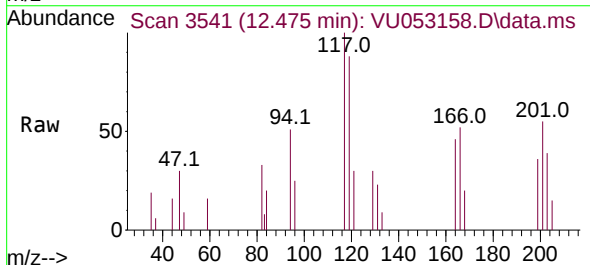
Tgt Ion:117 Resp: 344
Ion Ratio Lower Upper
117 100
167 59.3 57.5 86.3

Manual Integrations
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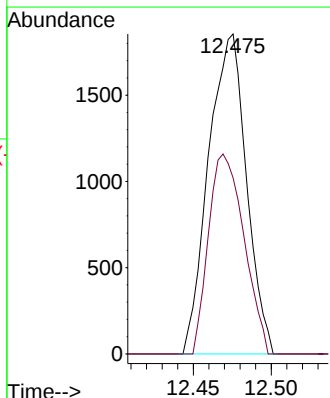
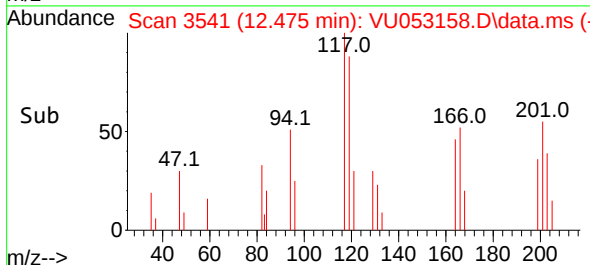
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

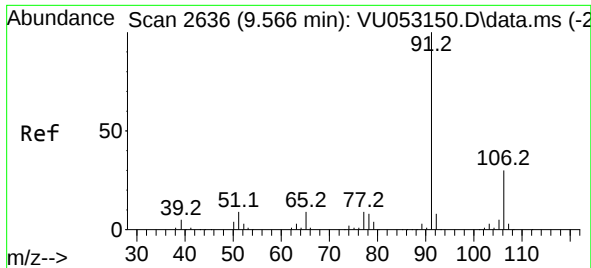


#62
Hexachloroethane
Concen: 0.565 ug/l
RT: 12.475 min Scan# 3541
Delta R.T. 0.003 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21



Tgt Ion:117 Resp: 3129
Ion Ratio Lower Upper
117 100
201 58.5 46.7 70.1





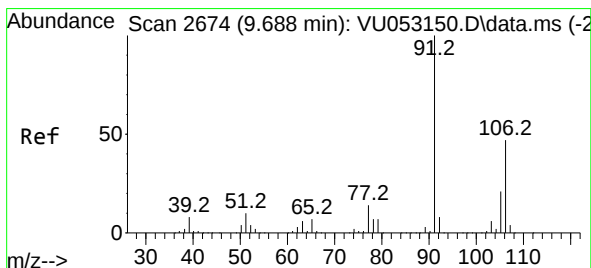
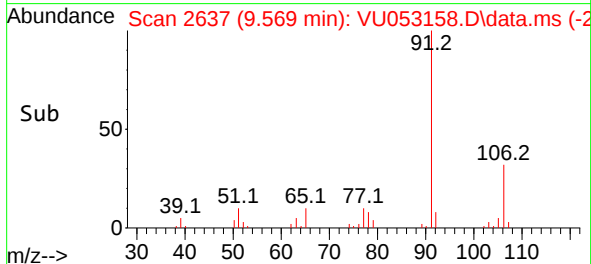
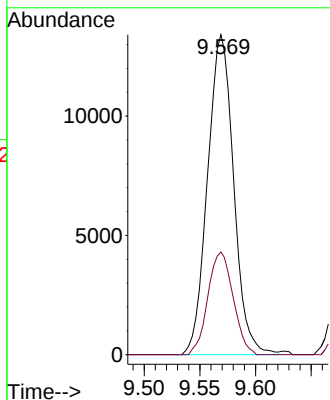
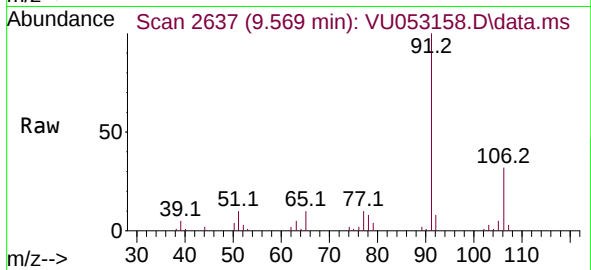
#63
Ethyl Benzene
Concen: 0.678 ug/l
RT: 9.569 min Scan# 2636
Delta R.T. 0.003 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 91 Resp: 2189
Ion Ratio Lower Upper
91 100
106 32.1 24.0 36.0

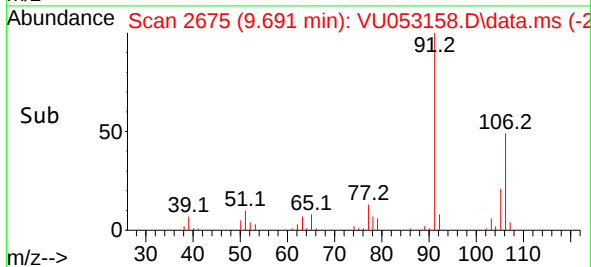
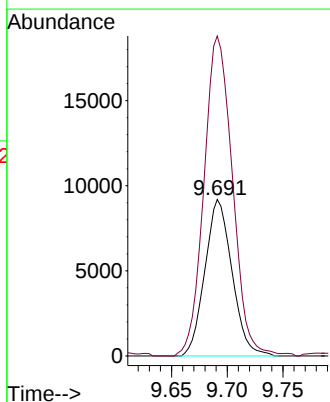
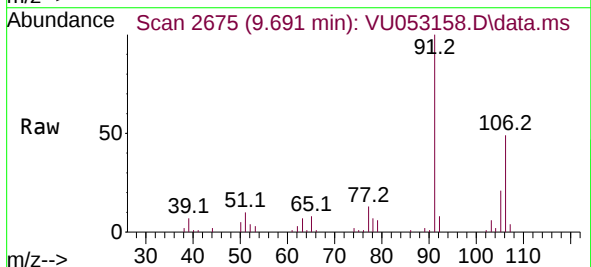
Manual Integrations
APPROVED

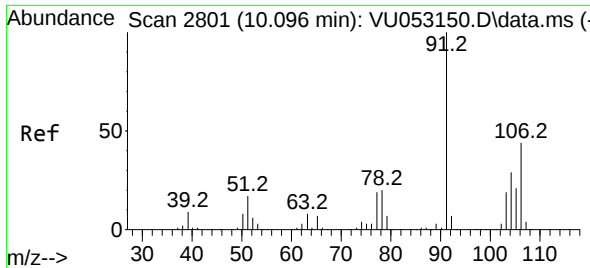
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#64
m/p-Xylenes
Concen: 1.332 ug/l
RT: 9.691 min Scan# 2675
Delta R.T. 0.003 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

Tgt Ion:106 Resp: 15590
Ion Ratio Lower Upper
106 100
91 214.4 170.7 256.1





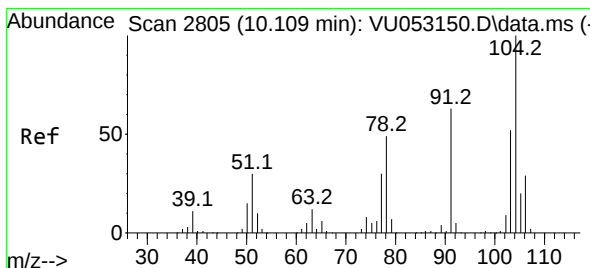
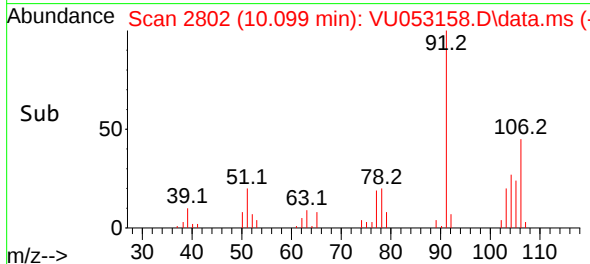
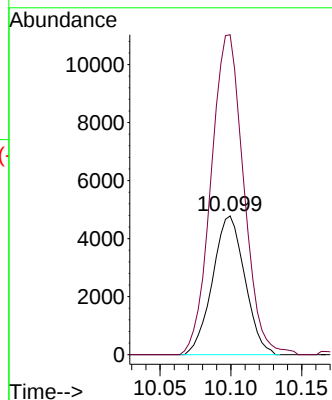
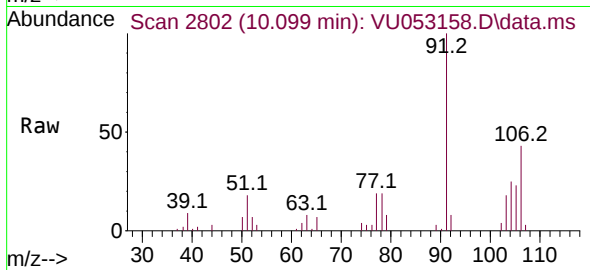
#65
o-Xylene
Concen: 0.634 ug/l
RT: 10.099 min Scan# 2801
Delta R.T. 0.003 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:106 Resp: 758
Ion Ratio Lower Upper
106 100
91 233.2 112.8 338.4

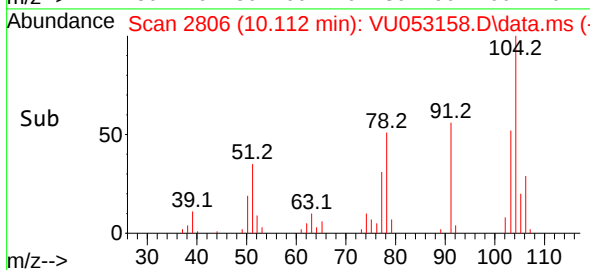
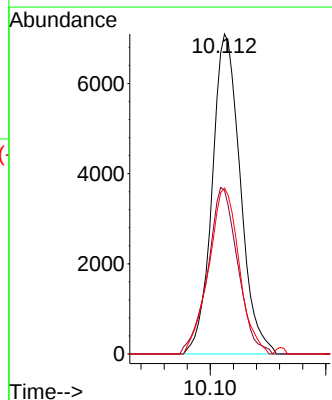
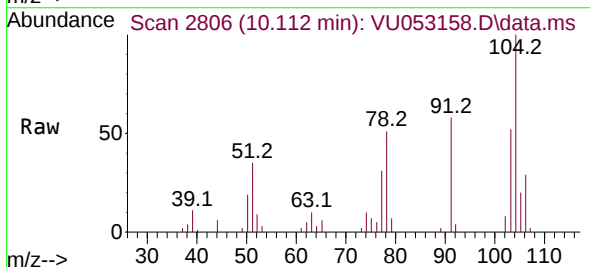
Manual Integrations
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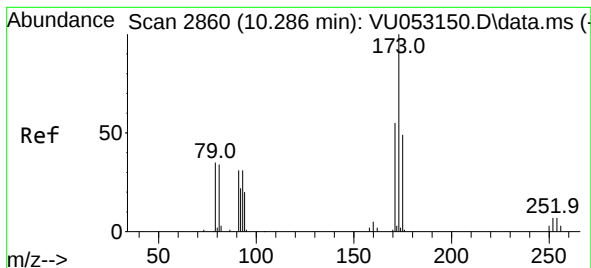
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#66
Styrene
Concen: 0.633 ug/l
RT: 10.112 min Scan# 2806
Delta R.T. 0.003 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

Tgt Ion:104 Resp: 11994
Ion Ratio Lower Upper
104 100
78 55.5 43.3 64.9
103 56.0 45.2 67.8





#67

Bromoform

Concen: 0.620 ug/l

RT: 10.289 min Scan# 2861

Delta R.T. 0.003 min

Lab File: VU053158.D

Acq: 27 Feb 2023 18:21

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

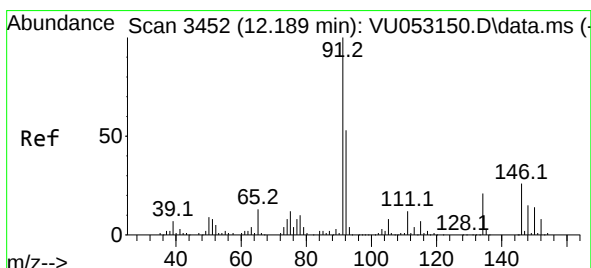
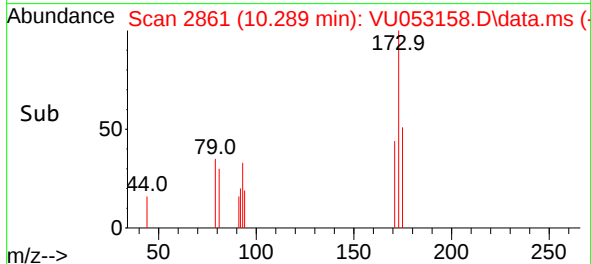
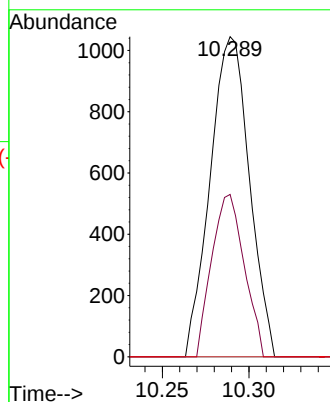
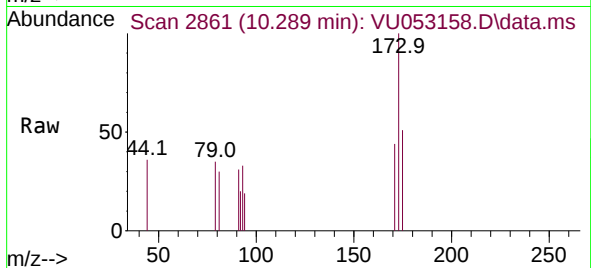
Tgt Ion:173 Resp: 1644
 Ion Ratio Lower Upper
 173 100
 175 42.0 38.7 58.1
 254 0.0 5.8 8.8

Manual Integrations

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Reviewed By :Krupa Patel 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#68

1,2-Dichlorobenzene-d4

Concen: 0.967 ug/l

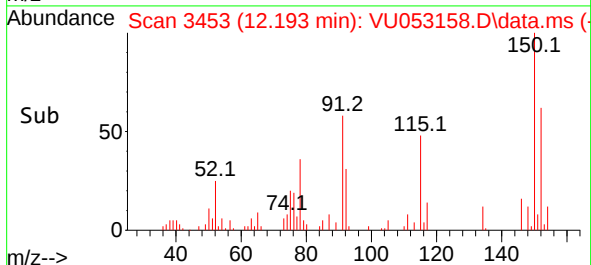
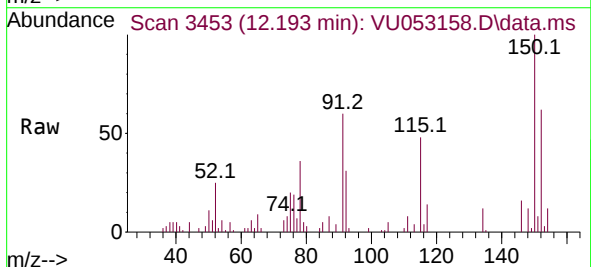
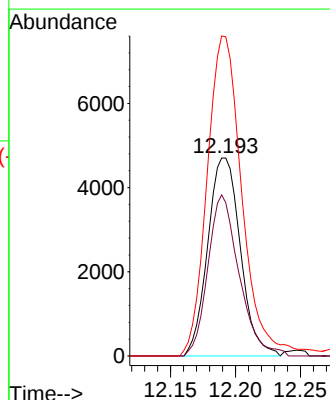
RT: 12.193 min Scan# 3453

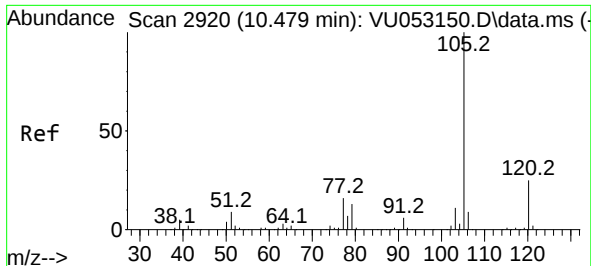
Delta R.T. 0.003 min

Lab File: VU053158.D

Acq: 27 Feb 2023 18:21

Tgt Ion:152 Resp: 8202
 Ion Ratio Lower Upper
 152 100
 115 78.0 0.0 267.8
 150 173.7 0.0 623.0





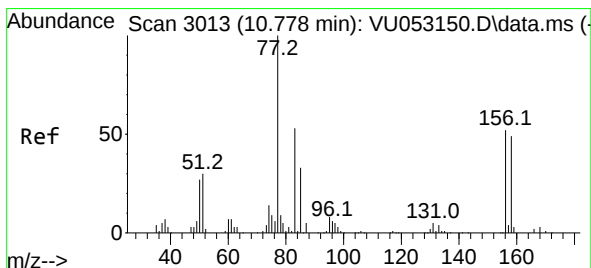
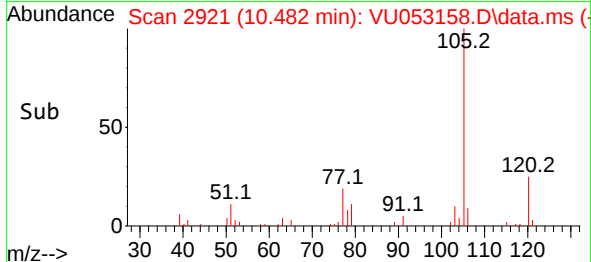
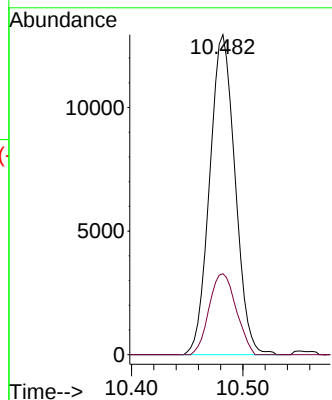
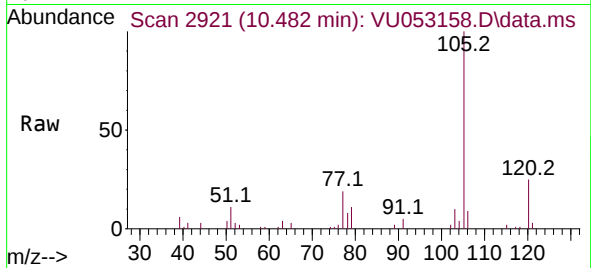
#69
Isopropylbenzene
Concen: 0.641 ug/l
RT: 10.482 min Scan# 2920
Delta R.T. 0.003 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:105 Resp: 20510
Ion Ratio Lower Upper
105 100
120 26.8 12.6 37.6

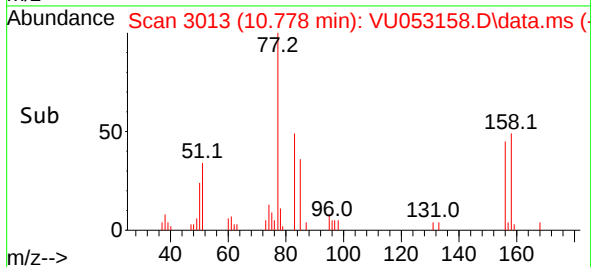
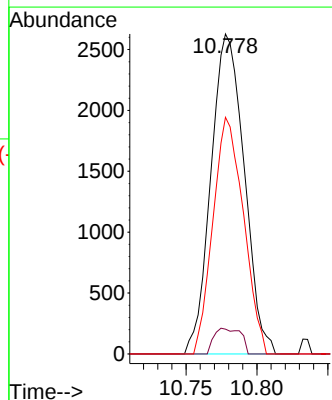
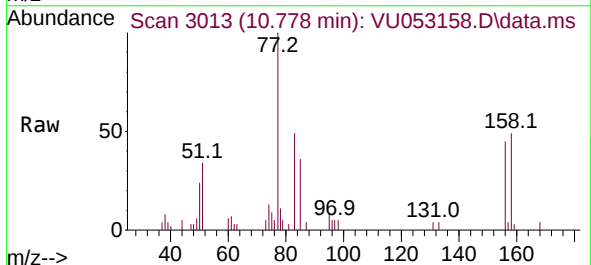
Manual Integrations
APPROVED

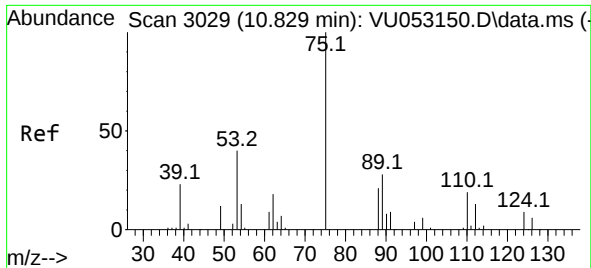
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#70
1,1,2,2-Tetrachloroethane
Concen: 0.666 ug/l
RT: 10.778 min Scan# 3013
Delta R.T. 0.000 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

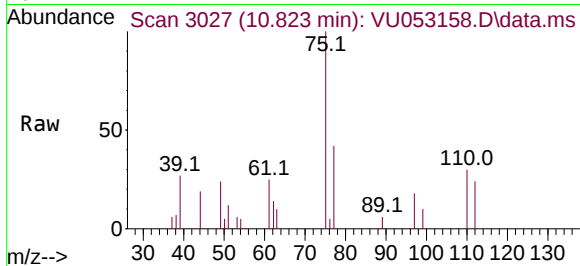
Tgt Ion: 83 Resp: 4294
Ion Ratio Lower Upper
83 100
131 6.4 6.6 9.8#
85 67.7 49.3 73.9





#71
1,2,3-Trichloropropane
Concen: 0.728 ug/l m
RT: 10.823 min Scan# 3029
Delta R.T. -0.006 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

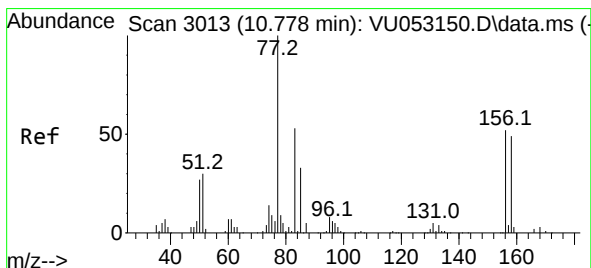
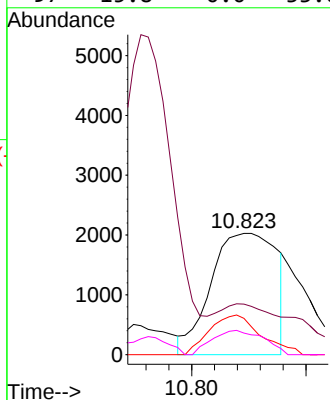
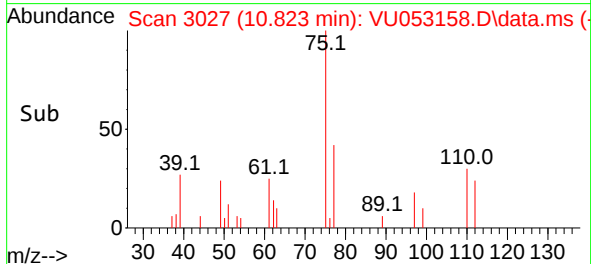
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



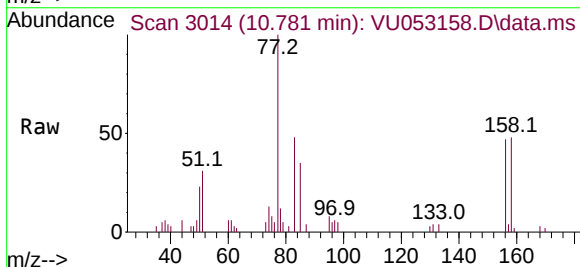
Tgt Ion: 75	Resp: 403
Ion Ratio	Lower Upper
75	100
77	33.9 0.0 98.2
110	25.7 0.0 57.0
97	15.8 0.0 33.6

Manual Integrations
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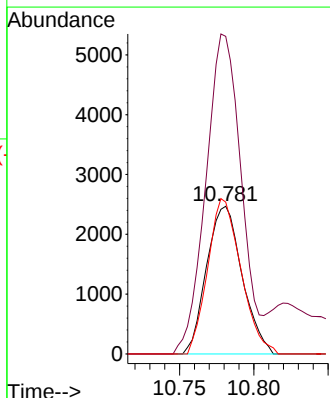
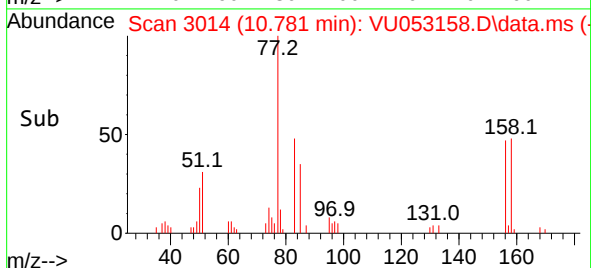
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

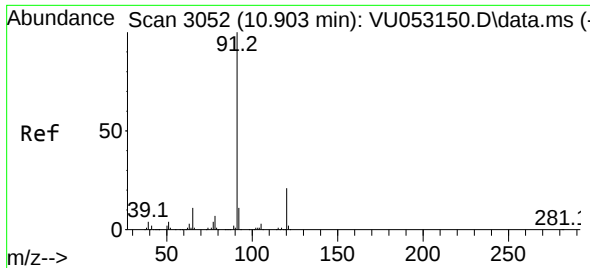


#72
Bromobenzene
Concen: 0.661 ug/l
RT: 10.781 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21



Tgt Ion: 156	Resp: 4105
Ion Ratio	Lower Upper
156	100
77	216.8 0.0 397.0
158	98.4 0.0 189.2





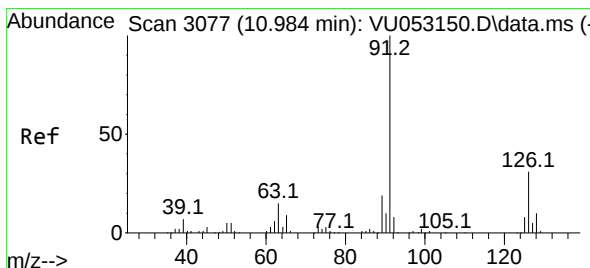
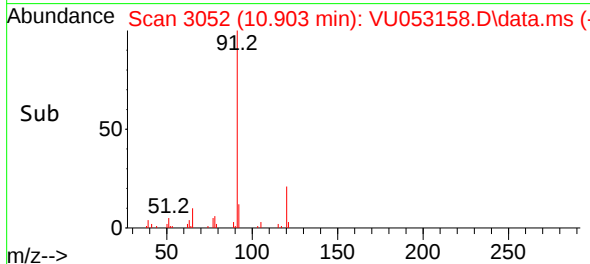
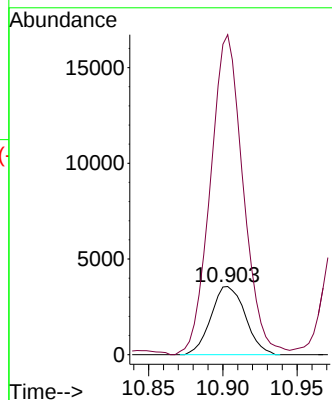
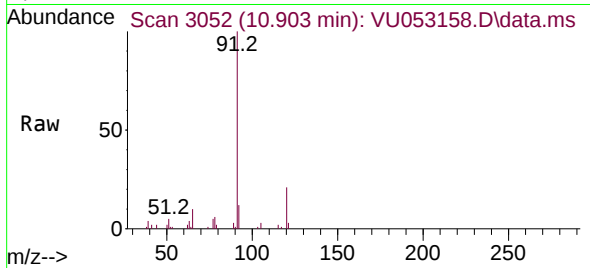
#73
n-propylbenzene
Concen: 0.673 ug/l
RT: 10.903 min Scan# 3052
Delta R.T. 0.000 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:120 Resp: 571
Ion Ratio Lower Upper
120 100
91 449.5 372.5 558.7

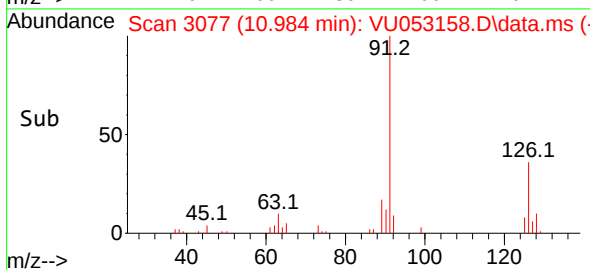
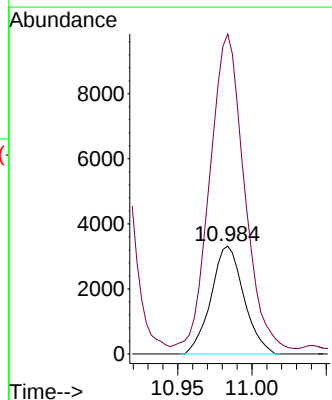
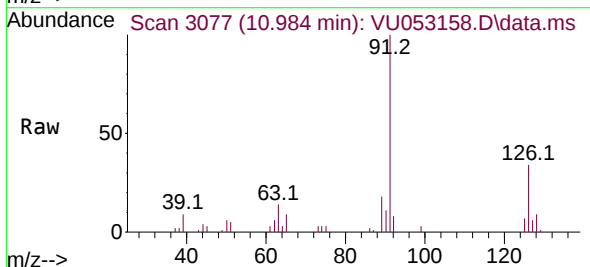
Manual Integrations
APPROVED

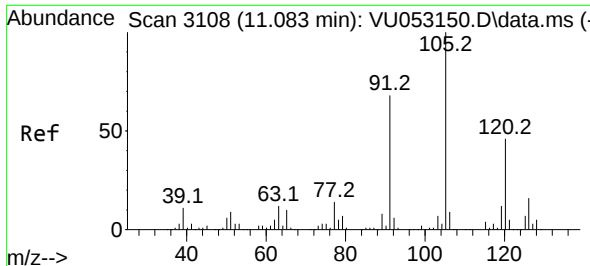
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#74
2-Chlorotoluene
Concen: 0.722 ug/l
RT: 10.984 min Scan# 3077
Delta R.T. 0.000 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

Tgt Ion:126 Resp: 5076
Ion Ratio Lower Upper
126 100
91 308.0 0.0 658.6





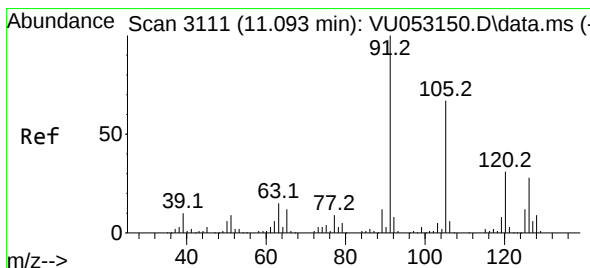
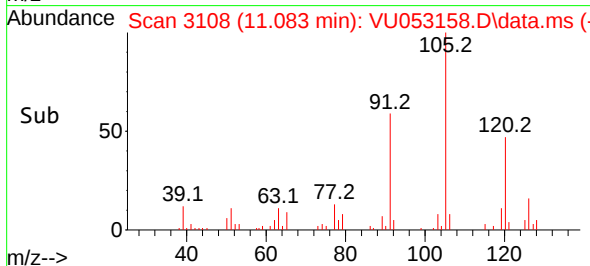
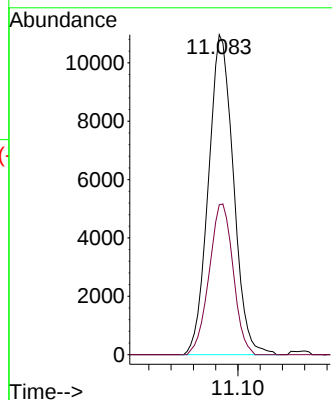
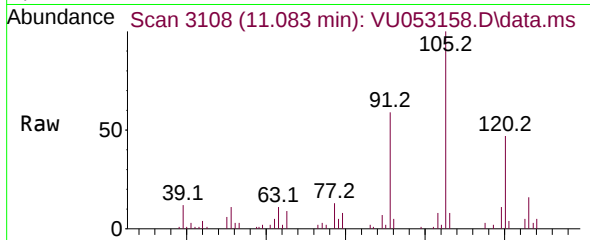
#75
1,3,5-Trimethylbenzene
Concen: 0.642 ug/l
RT: 11.083 min Scan# 3108
Delta R.T. 0.000 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:105 Resp: 1710
Ion Ratio Lower Upper
105 100
120 45.2 36.5 54.7

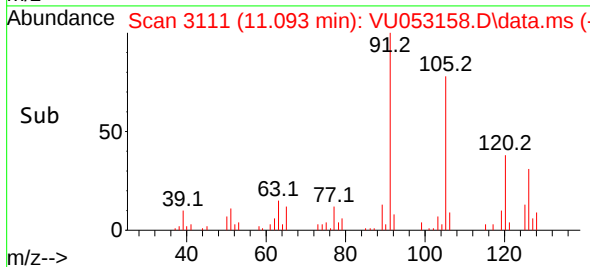
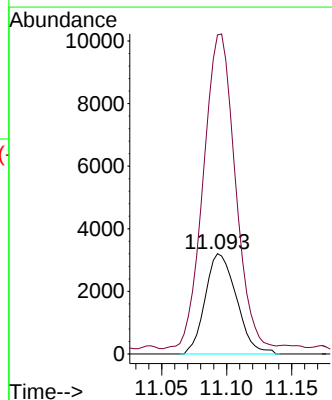
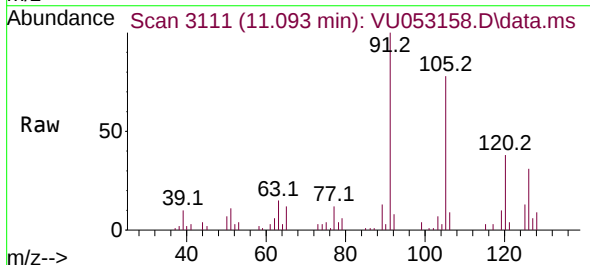
Manual Integrations
APPROVED

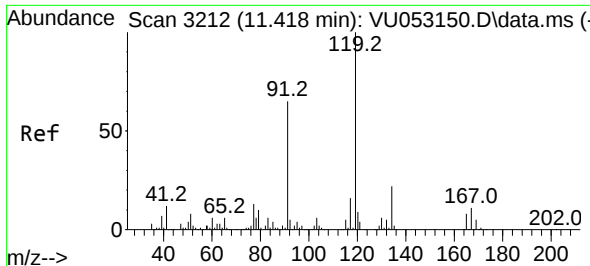
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#76
4-Chlorotoluene
Concen: 0.723 ug/l
RT: 11.093 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

Tgt Ion:126 Resp: 5348
Ion Ratio Lower Upper
126 100
91 320.7 0.0 760.6





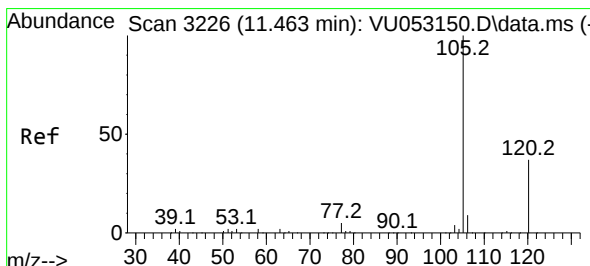
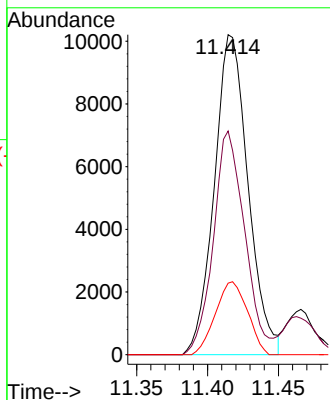
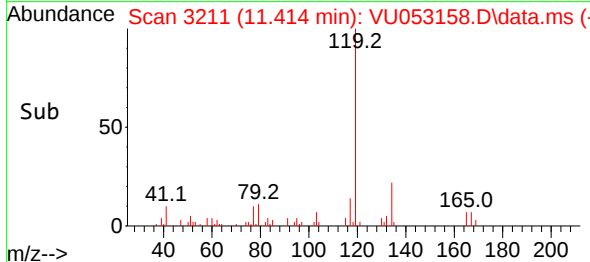
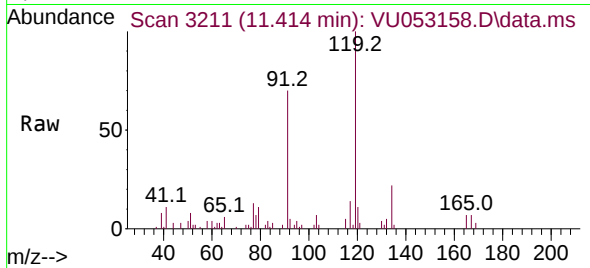
#77
tert-Butylbenzene
Concen: 0.649 ug/l
RT: 11.414 min Scan# 3211
Delta R.T. -0.003 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

Tgt Ion:119 Resp: 16949
Ion Ratio Lower Upper
119 100
91 65.1 31.9 95.7
134 21.6 17.4 26.0

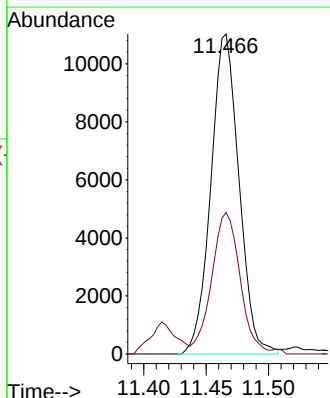
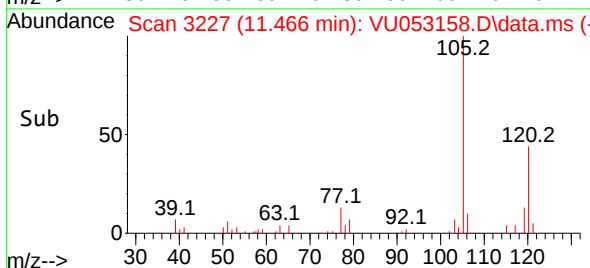
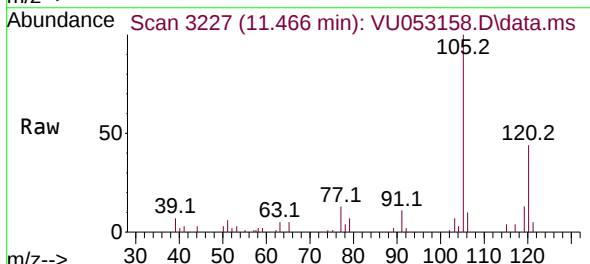
Manual Integrations
APPROVED

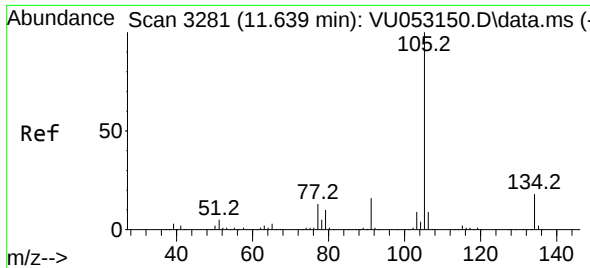
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#78
1,2,4-Trimethylbenzene
Concen: 0.638 ug/l
RT: 11.466 min Scan# 3227
Delta R.T. 0.003 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

Tgt Ion:105 Resp: 17323
Ion Ratio Lower Upper
105 100
120 42.6 21.1 63.1





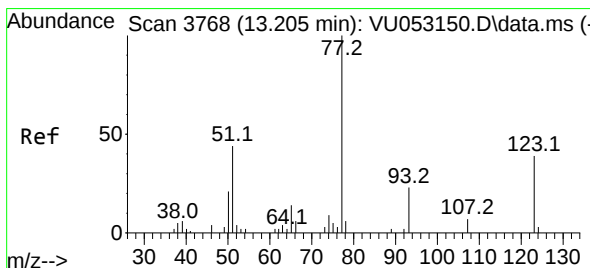
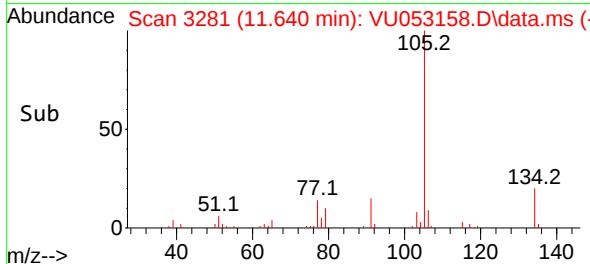
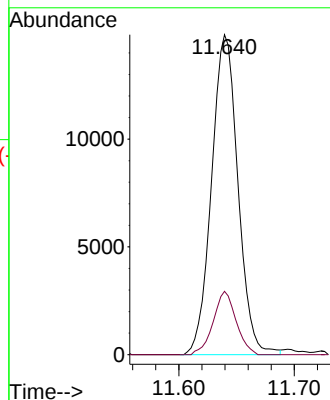
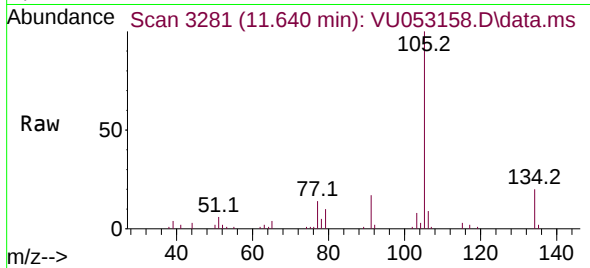
#79
 sec-Butylbenzene
 Concen: 0.651 ug/l
 RT: 11.640 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU053158.D
 Acq: 27 Feb 2023 18:21

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023

Tgt Ion:105 Resp: 2360
 Ion Ratio Lower Upper
 105 100
 134 17.2 14.4 21.6

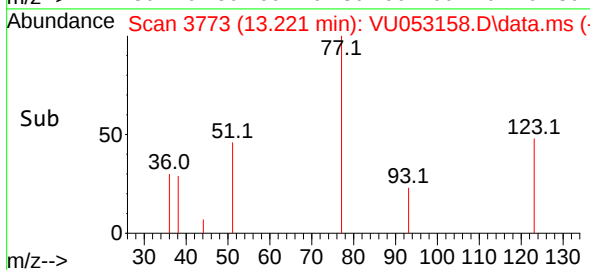
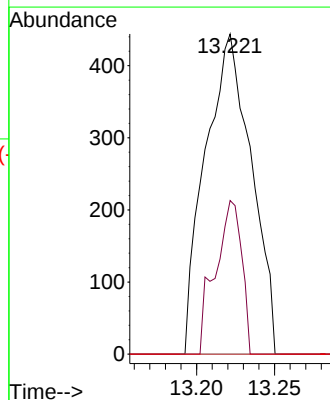
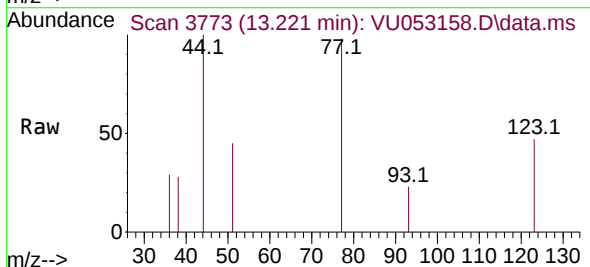
Manual Integrations
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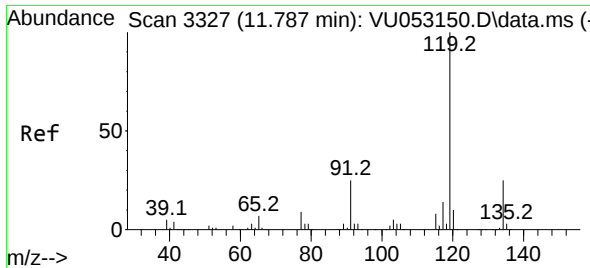
Reviewed By :Krupa Patel 02/28/2023
 Supervised By :Mahesh Dadoda 02/28/2023



#80
 Nitrobenzene
 Concen: 2.699 ug/l
 RT: 13.221 min Scan# 3773
 Delta R.T. 0.016 min
 Lab File: VU053158.D
 Acq: 27 Feb 2023 18:21

Tgt Ion: 77 Resp: 909
 Ion Ratio Lower Upper
 77 100
 123 27.5 17.0 60.2
 65 0.0 12.9 16.5#





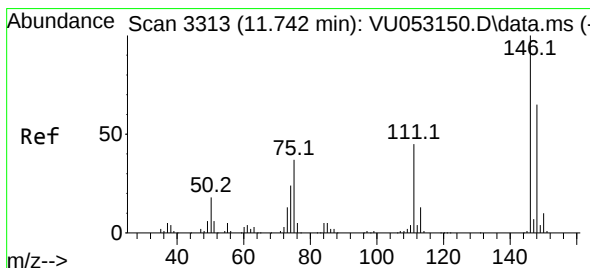
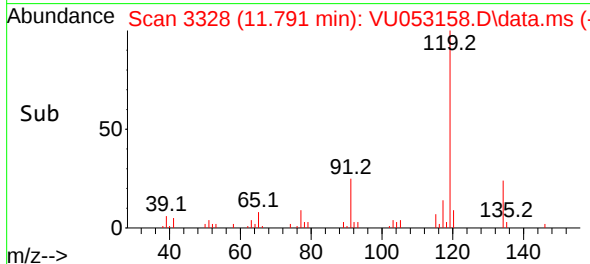
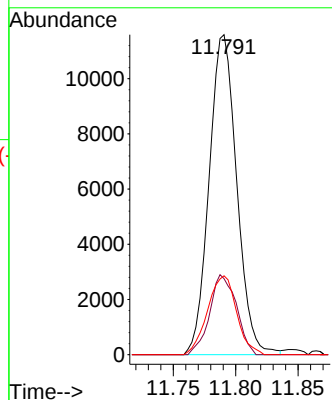
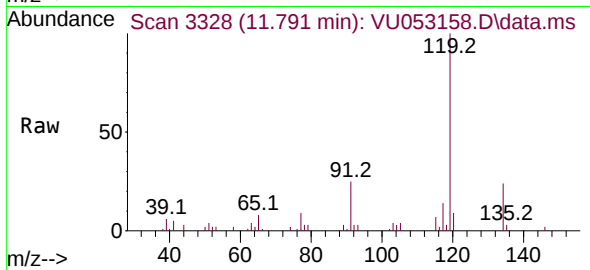
#81
p-Isopropyltoluene
Concen: 0.623 ug/l
RT: 11.791 min Scan# 3328
Delta R.T. 0.003 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:119 Resp: 17890
Ion Ratio Lower Upper
119 100
134 24.2 19.8 29.6
91 25.9 20.5 30.7

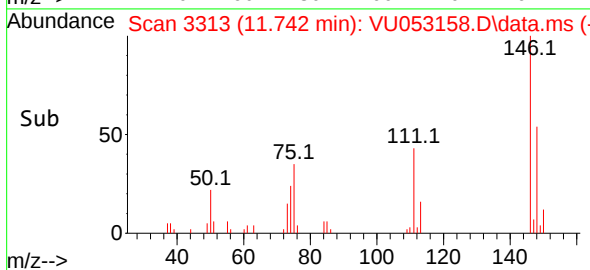
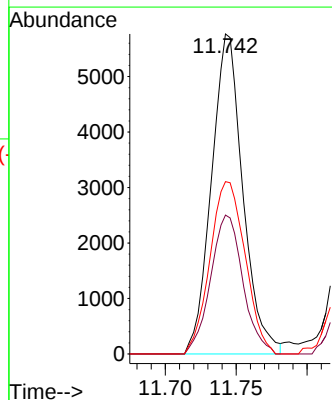
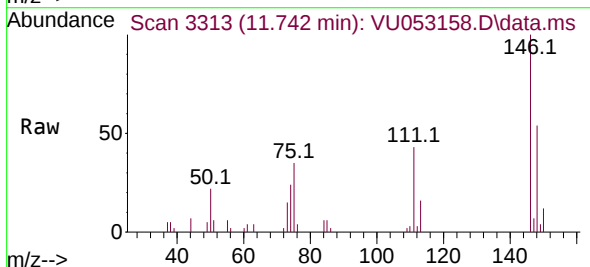
Manual Integrations
APPROVED

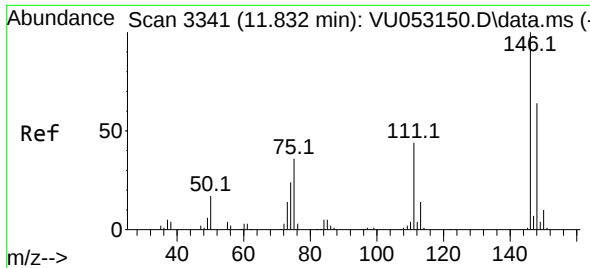
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#82
1,3-Dichlorobenzene
Concen: 0.650 ug/l
RT: 11.742 min Scan# 3313
Delta R.T. 0.000 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

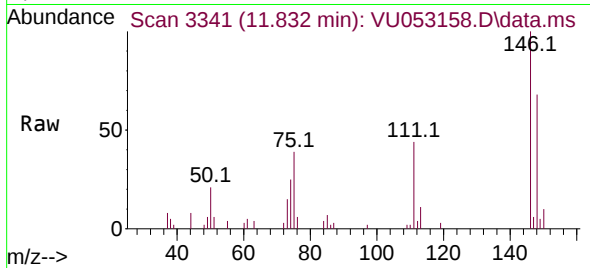
Tgt Ion:146 Resp: 8873
Ion Ratio Lower Upper
146 100
111 44.6 36.0 54.0
148 60.3 50.8 76.2





#83
1,4-Dichlorobenzene
Concen: 0.617 ug/l
RT: 11.832 min Scan# 3341
Delta R.T. 0.000 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

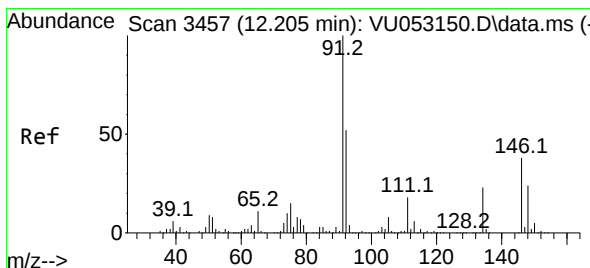
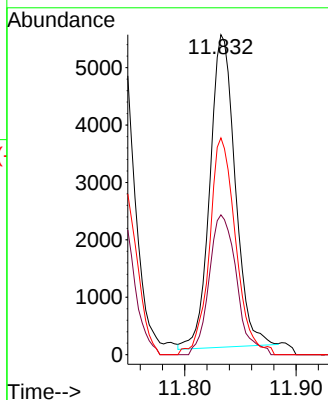
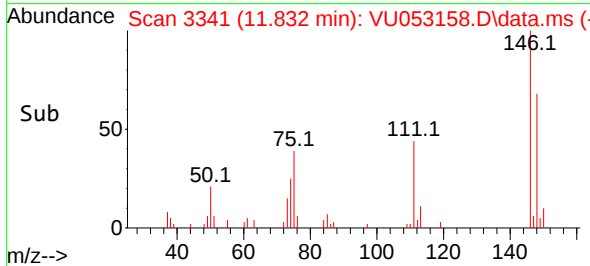
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



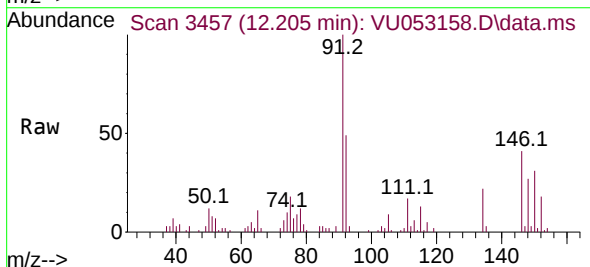
Tgt Ion:146 Resp: 859
Ion Ratio Lower Upper
146 100
111 48.4 34.0 51.0
148 71.9 49.8 74.6

Manual Integrations
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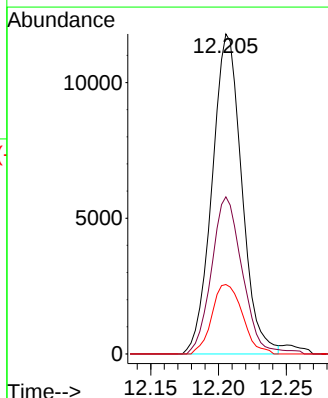
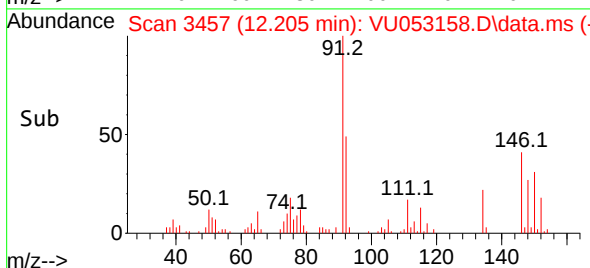
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

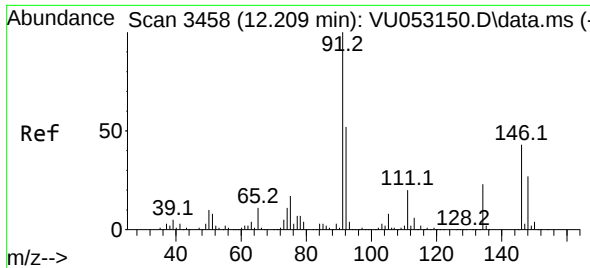


#84
n-Butylbenzene
Concen: 0.604 ug/l
RT: 12.205 min Scan# 3457
Delta R.T. 0.000 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21



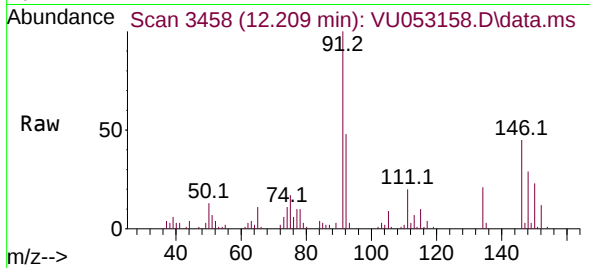
Tgt Ion: 91 Resp: 17948
Ion Ratio Lower Upper
91 100
92 50.9 41.8 62.6
134 22.4 17.9 26.9





#85
1,2-Dichlorobenzene
Concen: 0.649 ug/l
RT: 12.209 min Scan# 3458
Delta R.T. 0.000 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

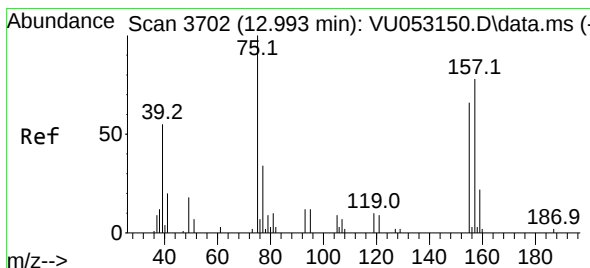
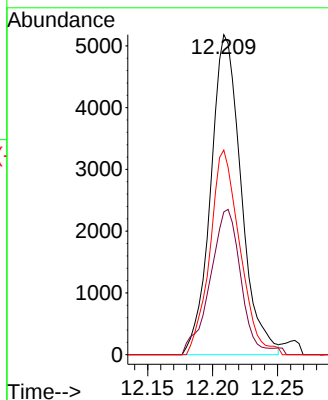
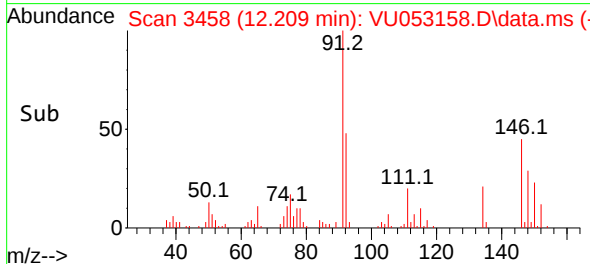
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



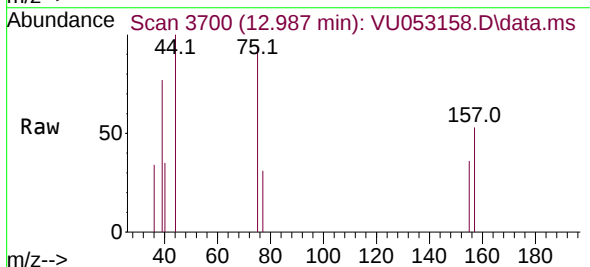
Tgt Ion:146 Resp: 8438
Ion Ratio Lower Upper
146 100
111 45.4 23.2 69.6
148 62.8 31.4 94.3

Manual Integrations
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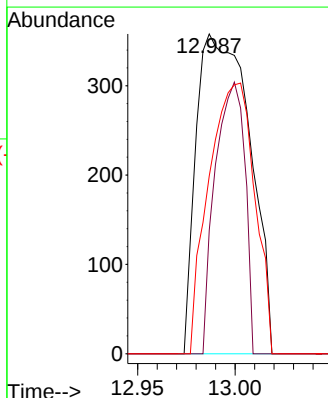
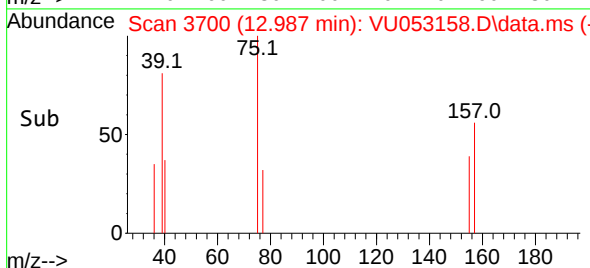
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

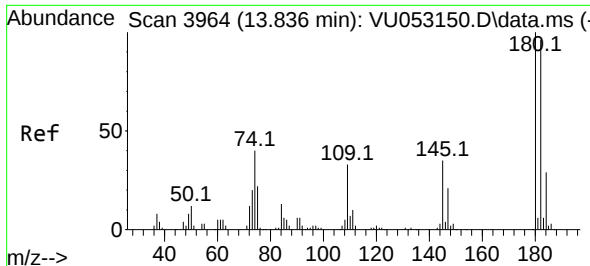


#86
1,2-Dibromo-3-Chloropropane
Concen: 0.671 ug/l
RT: 12.987 min Scan# 3700
Delta R.T. -0.006 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21



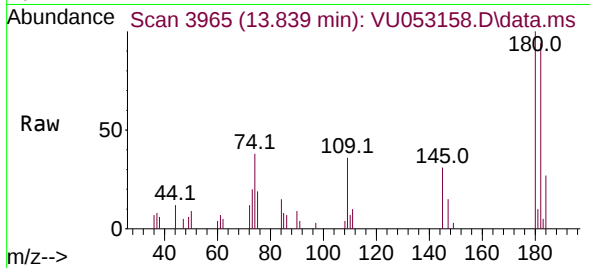
Tgt Ion: 75 Resp: 680
Ion Ratio Lower Upper
75 100
155 47.1 53.4 80.0#
157 72.6 61.7 92.5





#87
1,2,4-Trichlorobenzene
Concen: 0.696 ug/l
RT: 13.839 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

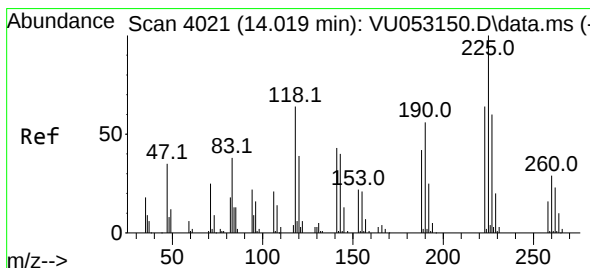
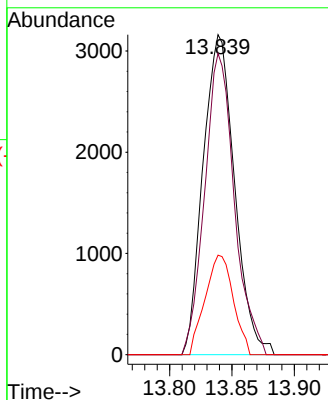
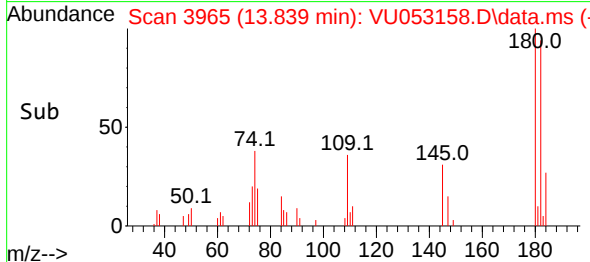
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



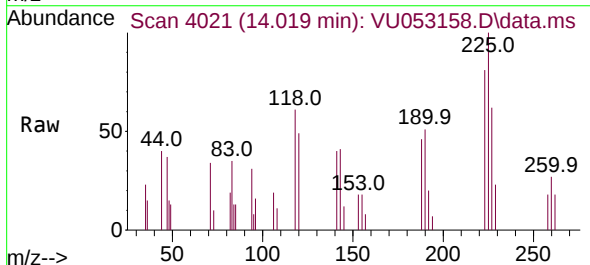
Tgt Ion:180 Resp: 5550
Ion Ratio Lower Upper
180 100
182 88.6 77.4 116.0
145 27.7 28.3 42.5

Manual Integrations
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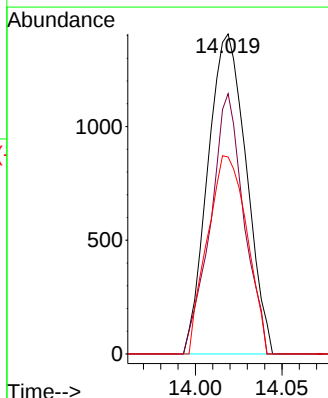
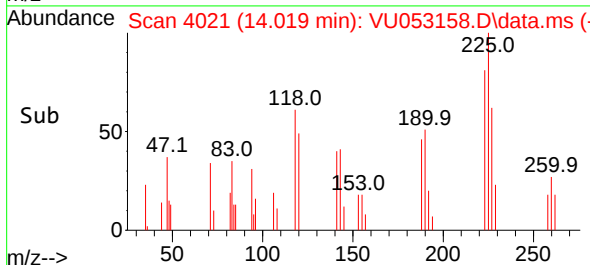
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

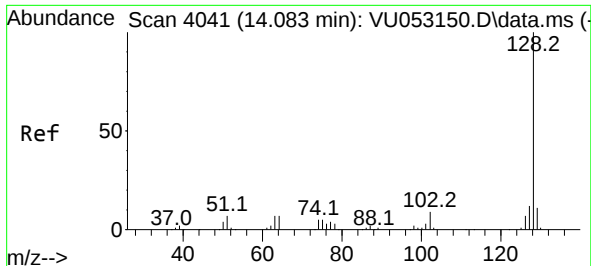


#88
Hexachlorobutadiene
Concen: 0.557 ug/l
RT: 14.019 min Scan# 4021
Delta R.T. -0.000 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21



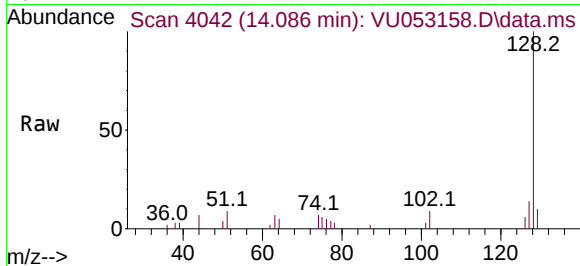
Tgt Ion:225 Resp: 2173
Ion Ratio Lower Upper
225 100
223 70.4 51.1 76.7
227 63.6 49.9 74.9





#89
Naphthalene
Concen: 0.665 ug/l
RT: 14.086 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

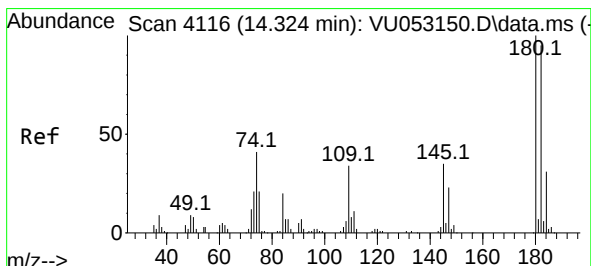
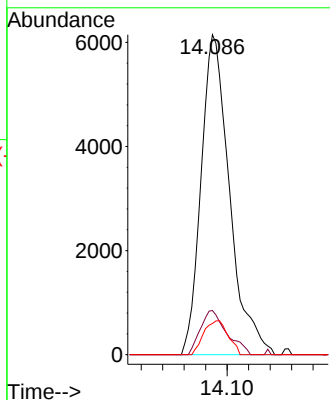
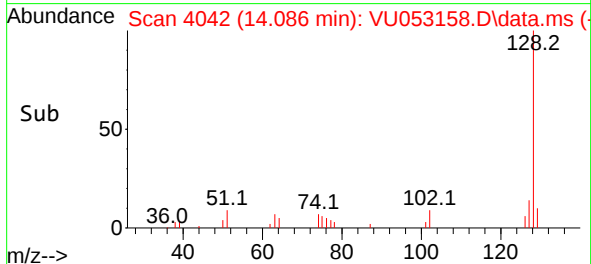
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:128 Resp: 11289
Ion Ratio Lower Upper
128 100
127 12.8 9.9 14.9
129 9.1 8.3 12.5

Manual Integrations
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Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#90
1,2,3-Trichlorobenzene
Concen: 0.645 ug/l
RT: 14.331 min Scan# 4118
Delta R.T. 0.006 min
Lab File: VU053158.D
Acq: 27 Feb 2023 18:21

Tgt Ion:180 Resp: 4531
Ion Ratio Lower Upper
180 100
182 90.5 76.6 115.0
145 35.1 29.0 43.6

