

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031822\
 Data File : VU047621.D
 Acq On : 18 Mar 2022 18:13
 Operator : SY/MD
 Sample : N1645-07 0.4PPB
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2022

Quant Time: Mar 19 05:57:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U031822DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sat Mar 19 05:55:19 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/31/2022
 Supervised By : Mahesh Dadoda 03/31/2022

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

Internal Standards						
1) Fluorobenzene	6.118	96	28353	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	9280	0.878	ug/l	0.00
Spiked Amount 1.000			Recovery	=	88.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	12028	0.939	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	3368	0.329	ug/l	97
3) Chloromethane	1.530	50	3736	0.373	ug/l	91
4) Vinyl Chloride	1.607	62	3638	0.375	ug/l	98
5) Bromomethane	1.861	94	1904	0.334	ug/l	97
6) Chloroethane	1.938	64	2103	0.362	ug/l	98
7) Trichlorofluoromethane	2.144	101	4940	0.368	ug/l	93
8) 1,1,2-Trichloro-1,2,2-...	2.585	101	2703	0.352	ug/l	93
9) 1,1-Dichloroethene	2.585	96	2830	0.373	ug/l	87
10) Iodomethane	2.726	142	991	0.320	ug/l	88
11) Allyl Chloride	2.929	41	3914	0.410	ug/l	96
12) Acrylonitrile	3.334	53	1346	0.804	ug/l	# 86
13) Acetone	2.642	43	2586	2.272	ug/l	91
14) Carbon Disulfide	2.800	76	9003	0.376	ug/l	99
15) Methylene Chloride	3.051	84	4948	0.448	ug/l	88
16) trans-1,2-Dichloroethene	3.359	96	3233	0.406	ug/l	85
17) 1,1-Dichloroethane	3.877	63	5146	0.380	ug/l	# 95
18) 2-Butanone	4.736	43	2872	1.620	ug/l	77
19) Cyclohexane	5.388	56	3500m	0.345	ug/l	
20) Methylcyclohexane	6.764	83	3931	0.338	ug/l	90
21) 2,2-Dichloropropane	4.668	77	4278	0.360	ug/l	99
22) cis-1,2-Dichloroethene	4.674	96	3153	0.364	ug/l	85
23) Diethyl Ether	2.382	59	2009	0.363	ug/l	87
24) tert-Butyl Alcohol	3.240	59	1087m	2.845	ug/l	
25) Methyl tert-Butyl Ether	3.372	73	6841	0.371	ug/l	# 85
26) Bromochloromethane	4.980	128	1573	0.359	ug/l	83
27) Chloroform	5.092	83	6052	0.414	ug/l	98
28) 1,1,1-Trichloroethane	5.321	97	4585	0.361	ug/l	97
29) 1,1-Dichloropropene	5.533	75	3525	0.342	ug/l	94
30) Carbon Tetrachloride	5.527	117	4163	0.368	ug/l	96
31) Isopropyl Ether	4.002	45	6406	0.357	ug/l	92
32) Ethyl-t-butyl ether	4.511	59	6341	0.350	ug/l	95
33) Tert-Amyl methyl ether	5.948	73	5680	0.333	ug/l	# 94
34) Propionitrile	4.822	54	605	1.263	ug/l	# 66
35) Benzene	5.781	78	10849	0.352	ug/l	99
36) 1,2-Dichloroethane	5.800	62	3621	0.389	ug/l	# 91
37) Trichloroethene	6.546	130	3017	0.339	ug/l	94
38) 1,2-Dichloropropane	6.793	63	2746	0.346	ug/l	# 87
39) Methacrylonitrile	4.993	41	769	0.346	ug/l	# 72
40) Methyl acrylate	4.867	55	1149	0.306	ug/l	# 70
41) Tetrahydrofuran	5.086	42	795	0.706	ug/l	# 86
42) 1-Chlorobutane	5.465	56	4727	0.356	ug/l	96
43) Dibromomethane	6.928	93	1754	0.369	ug/l	# 88
44) Bromodichloromethane	7.108	83	4124	0.374	ug/l	94

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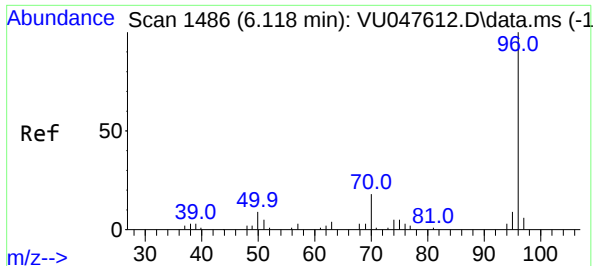
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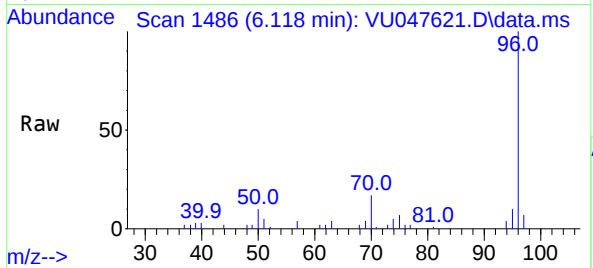
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.803	43	7394	1.556	ug/l	98
46) t-1,4-Dichloro-2-butene	10.835	75	1511m	0.732	ug/l	
47) Methyl methacrylate	6.970	69	2257	0.587	ug/l	91
48) Ethyl methacrylate	8.340	69	2252	0.311	ug/l	87
49) Toluene	7.970	92	6088	0.322	ug/l	94
50) t-1,3-Dichloropropene	8.215	75	3348	0.328	ug/l	95
51) cis-1,3-Dichloropropene	7.613	75	3722	0.331	ug/l	97
52) 1,1,2-Trichloroethane	8.404	97	2469	0.373	ug/l	95
53) 1,3-Dichloropropane	8.578	76	3649	0.339	ug/l	98
54) 2-Hexanone	8.697	43	5473	1.577	ug/l	88
55) Dibromochloromethane	8.813	129	3221	0.386	ug/l	91
56) 1,2-Dibromoethane	8.928	107	2237	0.340	ug/l	95
58) Tetrachloroethene	8.555	164	2858	0.348	ug/l	95
59) Chlorobenzene	9.449	112	7979	0.362	ug/l	94
60) 1,1,1,2-Tetrachloroethane	9.536	131	3085	0.360	ug/l	93
61) Pentachloroethane	11.427	117	2703	0.373	ug/l	98
62) Hexachloroethane	12.475	117	2478	0.344	ug/l #	79
63) Ethyl Benzene	9.571	91	10706	0.310	ug/l	98
64) m/p-Xylenes	9.694	106	7700	0.562	ug/l	96
65) o-Xylene	10.102	106	4105	0.316	ug/l	91
66) Styrene	10.118	104	6608	0.295	ug/l	93
67) Bromoform	10.298	173	1896	0.341	ug/l #	96
69) Isopropylbenzene	10.485	105	10156	0.296	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.784	83	3257	0.370	ug/l	98
71) 1,2,3-Trichloropropane	10.829	75	2345m	0.337	ug/l	
72) Bromobenzene	10.784	156	3463	0.336	ug/l	79
73) n-propylbenzene	10.909	120	2733	0.274	ug/l	92
74) 2-Chlorotoluene	10.989	126	2762	0.302	ug/l	73
75) 1,3,5-Trimethylbenzene	11.089	105	8156	0.279	ug/l	99
76) 4-Chlorotoluene	11.099	126	2684	0.275	ug/l	87
77) tert-Butylbenzene	11.423	119	9096	0.304	ug/l	88
78) 1,2,4-Trimethylbenzene	11.468	105	7949	0.266	ug/l	92
79) sec-Butylbenzene	11.645	105	11128	0.285	ug/l	100
80) Nitrobenzene	13.227	77	501	1.393	ug/l #	81
81) p-Isopropyltoluene	11.793	119	8445	0.257	ug/l	99
82) 1,3-Dichlorobenzene	11.748	146	7002	0.344	ug/l	97
83) 1,4-Dichlorobenzene	11.838	146	6956	0.340	ug/l	93
84) n-Butylbenzene	12.211	91	8935	0.289	ug/l	93
85) 1,2-Dichlorobenzene	12.214	146	6781	0.347	ug/l	96
86) 1,2-Dibromo-3-Chloropr...	12.999	75	455	0.306	ug/l #	80
87) 1,2,4-Trichlorobenzene	13.841	180	4630	0.332	ug/l	97
88) Hexachlorobutadiene	14.021	225	2843	0.339	ug/l	96
89) Naphthalene	14.089	128	6429	0.271	ug/l	97
90) 1,2,3-Trichlorobenzene	14.330	180	4259	0.324	ug/l	93

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU047621.D
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Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

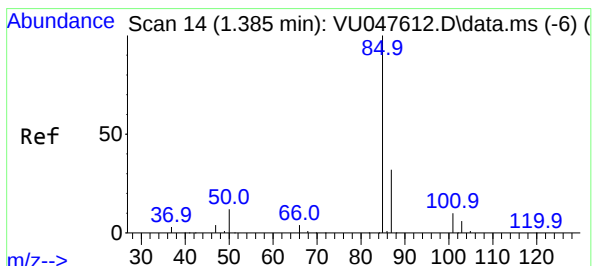
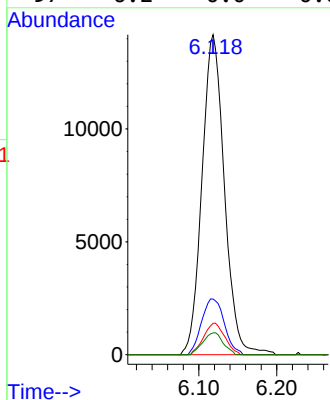
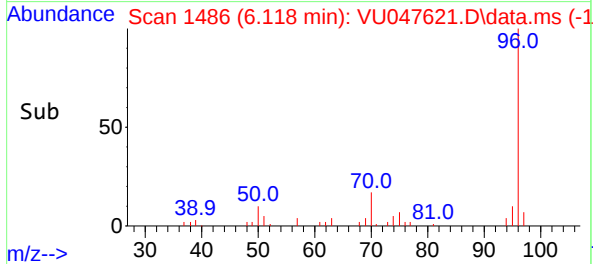


Tgt Ion: 96 Resp: 2835

Ion	Ratio	Lower	Upper
96	100		
70	17.7	16.8	25.2
95	9.3	7.3	10.9
97	6.2	0.0	0.0

Manual Integrations
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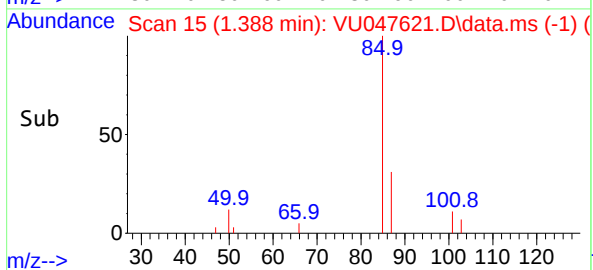
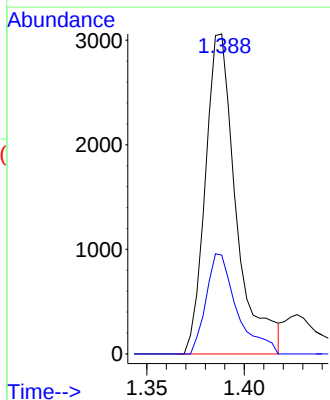
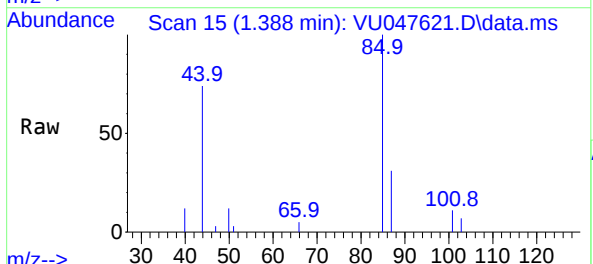
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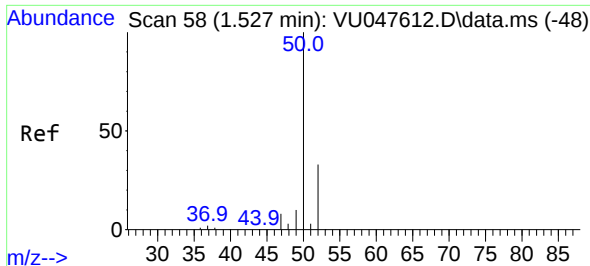


#2
Dichlorodifluoromethane
Concen: 0.329 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.003 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

Tgt Ion: 85 Resp: 3368

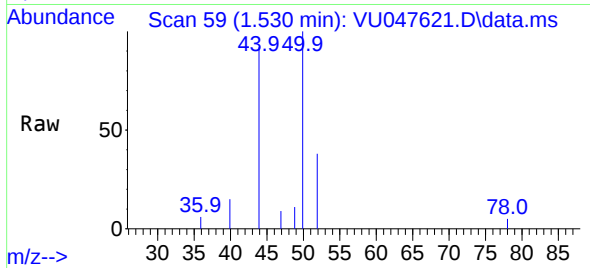
Ion	Ratio	Lower	Upper
85	100		
87	30.9	16.2	48.6





#3
Chloromethane
Concen: 0.373 ug/l
RT: 1.530 min Scan# 50
Delta R.T. 0.003 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

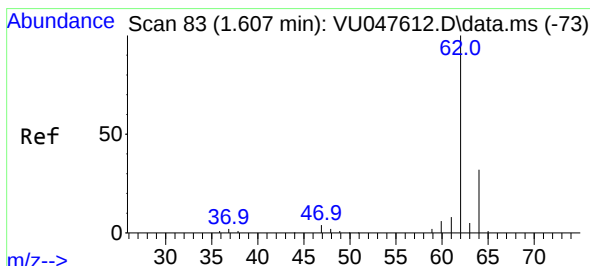
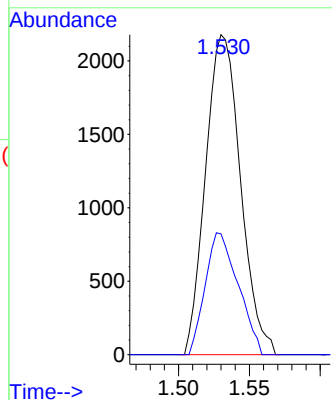
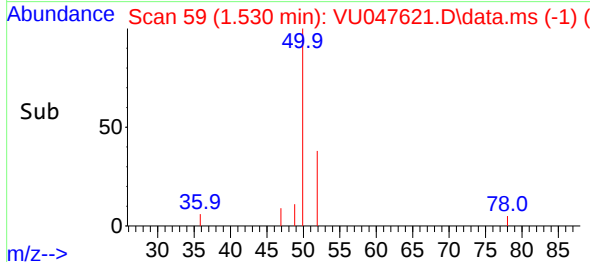
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



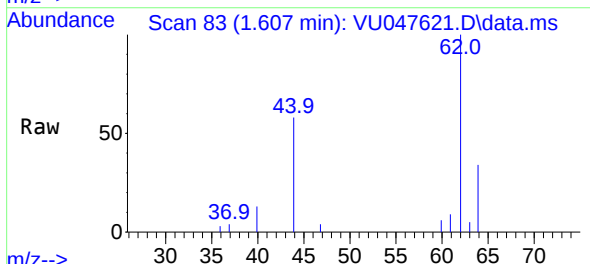
Tgt Ion: 50 Resp: 3730
Ion Ratio Lower Upper
50 100
52 37.8 26.2 39.4

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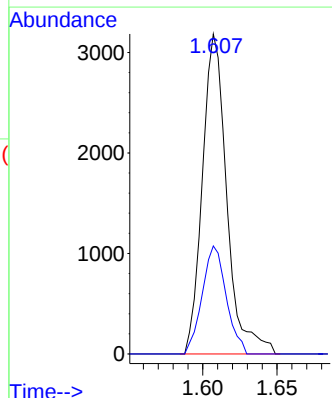
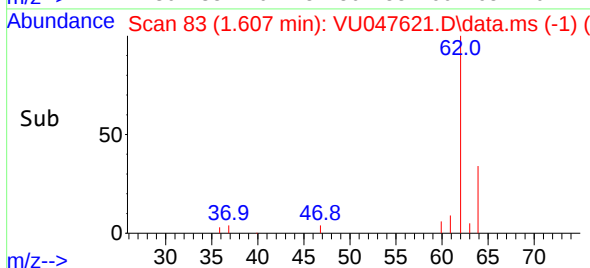
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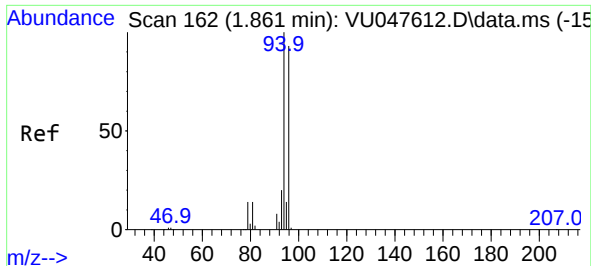


#4
Vinyl Chloride
Concen: 0.375 ug/l
RT: 1.607 min Scan# 83
Delta R.T. 0.000 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13



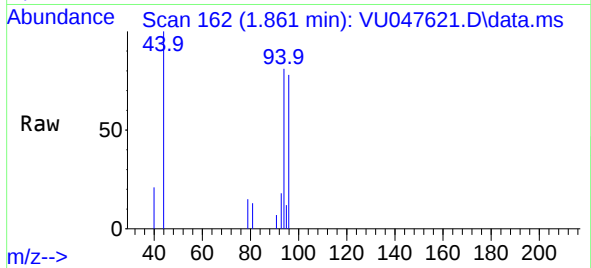
Tgt Ion: 62 Resp: 3638
Ion Ratio Lower Upper
62 100
64 33.8 26.0 39.0





#5
Bromomethane
Concen: 0.334 ug/l
RT: 1.861 min Scan# 162
Delta R.T. 0.000 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

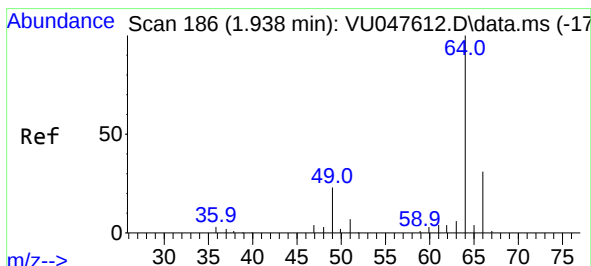
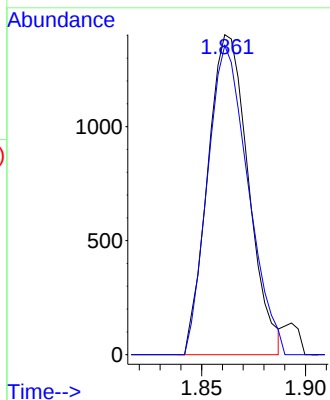
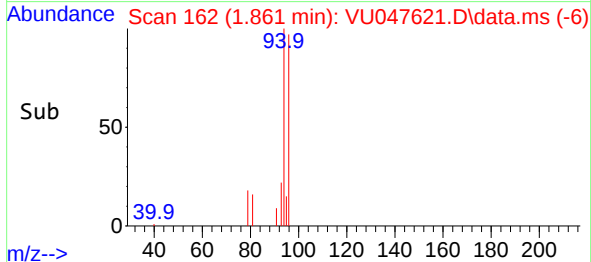
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 94 Resp: 1904
Ion Ratio Lower Upper
94 100
96 96.6 75.0 112.4

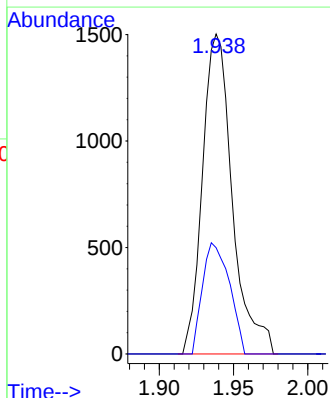
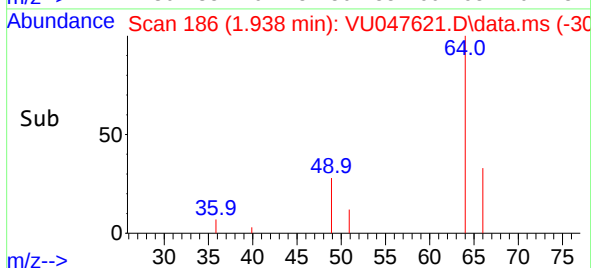
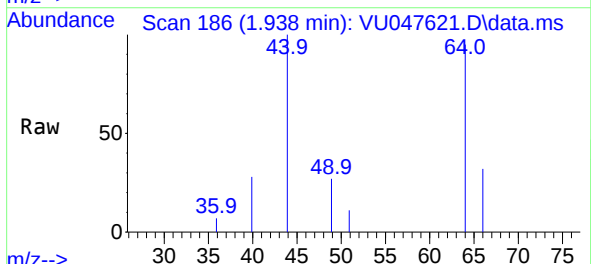
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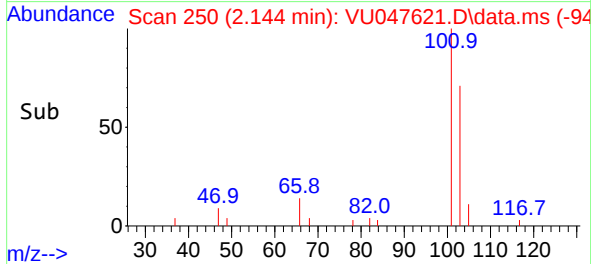
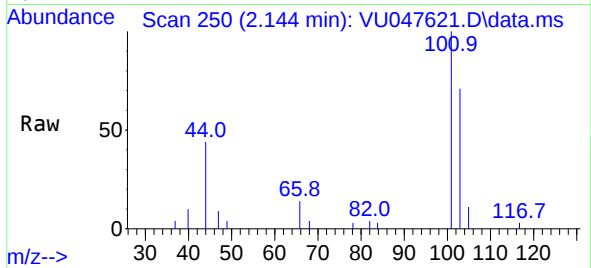
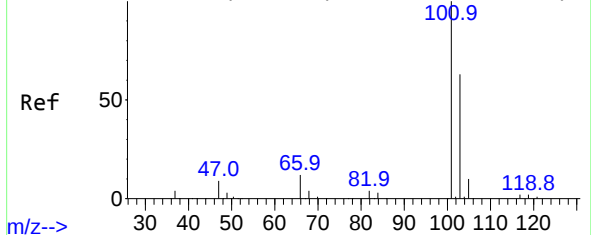


#6
Chloroethane
Concen: 0.362 ug/l
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

Tgt Ion: 64 Resp: 2103
Ion Ratio Lower Upper
64 100
66 33.2 25.8 38.8



Abundance Scan 250 (2.144 min): VU047612.D\data.ms (-23



#7

Trichlorofluoromethane

Concen: 0.368 ug/l

RT: 2.144 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047621.D

Acq: 18 Mar 2022 18:13

Tgt Ion:101 Resp: 4940

Ion Ratio Lower Upper

101 100

103 70.6 52.2 78.2

Instrument :

MSVOA_U

ClientSampleId :

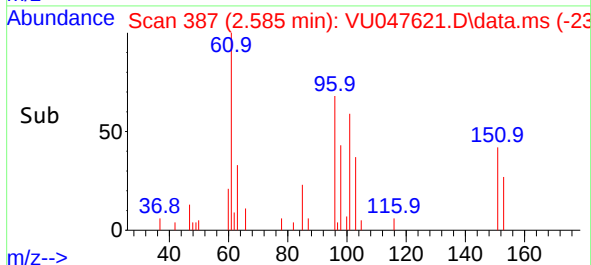
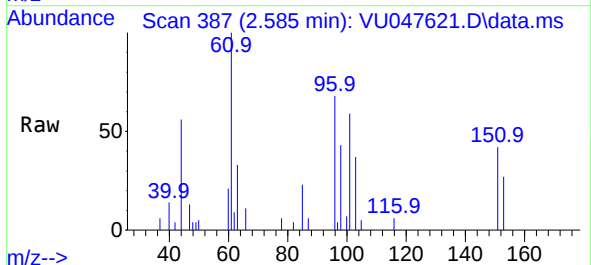
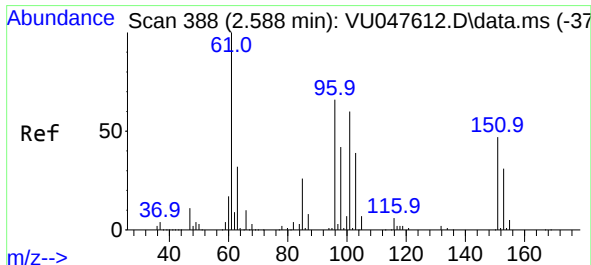
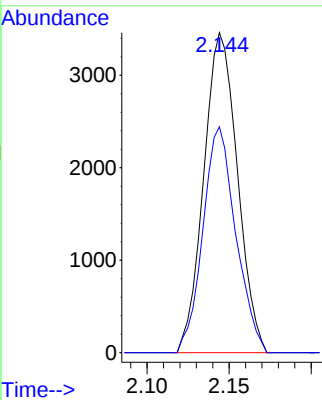
LOD-MDL-WATER-01-QT1-2022

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#8

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.352 ug/l

RT: 2.585 min Scan# 387

Delta R.T. -0.003 min

Lab File: VU047621.D

Acq: 18 Mar 2022 18:13

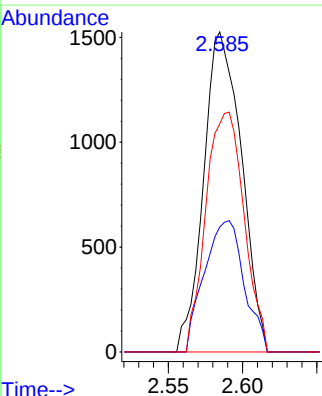
Tgt Ion:101 Resp: 2703

Ion Ratio Lower Upper

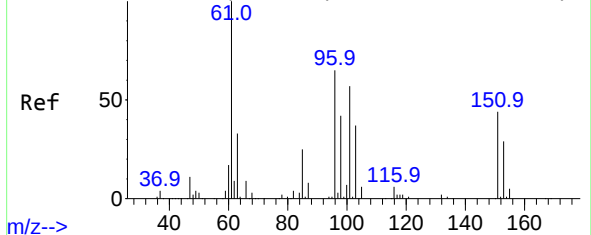
101 100

85 43.1 35.8 53.6

151 75.7 54.6 81.8



Abundance Scan 387 (2.584 min): VU047612.D\data.ms (-37



#9

1,1-Dichloroethene

Concen: 0.373 ug/l

RT: 2.585 min Scan# 387

Delta R.T. 0.000 min

Lab File: VU047621.D

Acq: 18 Mar 2022 18:13

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2022

Tgt Ion:	96	Resp:	2830
Ion	Ratio	Lower	Upper
96	100		
61	147.3	0.0	514.2
98	62.7	0.0	126.4

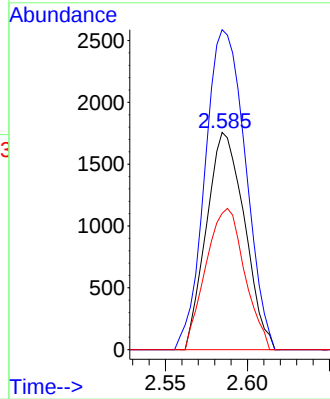
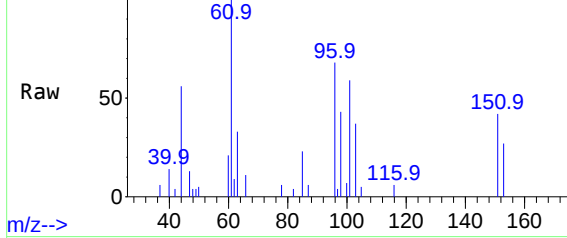
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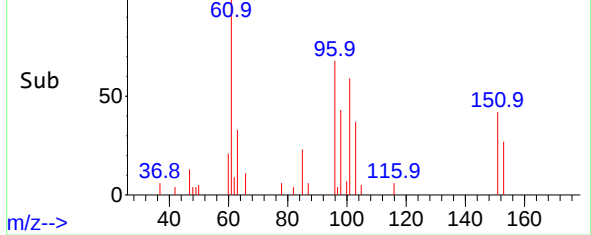
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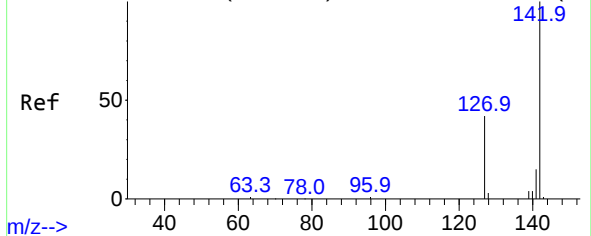
Abundance Scan 387 (2.585 min): VU047621.D\data.ms



Abundance Scan 387 (2.585 min): VU047621.D\data.ms (-23



Abundance Scan 431 (2.726 min): VU047612.D\data.ms (-41



#10

Iodomethane

Concen: 0.320 ug/l

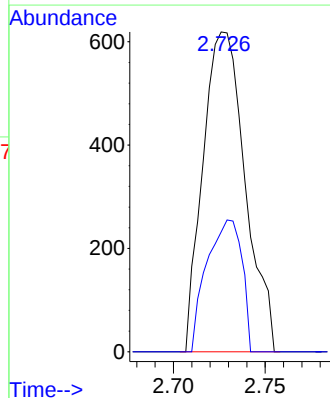
RT: 2.726 min Scan# 431

Delta R.T. 0.000 min

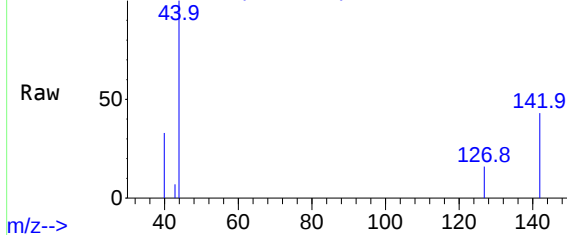
Lab File: VU047621.D

Acq: 18 Mar 2022 18:13

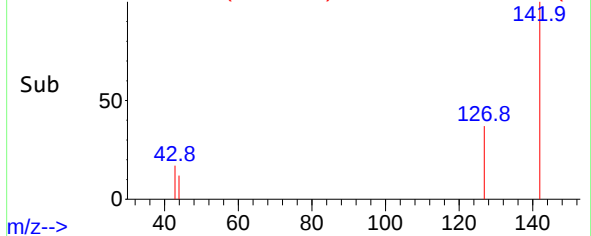
Tgt Ion:	142	Resp:	991
Ion	Ratio	Lower	Upper
142	100		
127	34.1	33.2	49.8

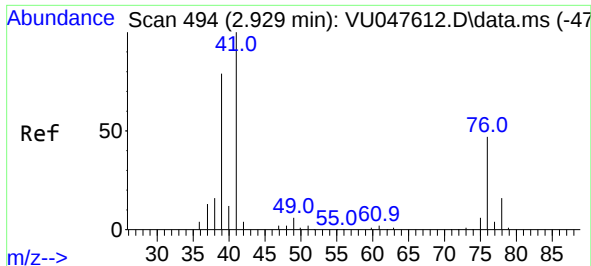


Abundance Scan 431 (2.726 min): VU047621.D\data.ms



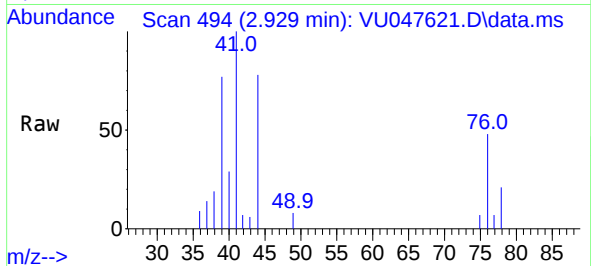
Abundance Scan 431 (2.726 min): VU047621.D\data.ms (-27





#11
 Allyl Chloride
 Concen: 0.410 ug/l
 RT: 2.929 min Scan# 494
 Delta R.T. 0.000 min
 Lab File: VU047621.D
 Acq: 18 Mar 2022 18:13

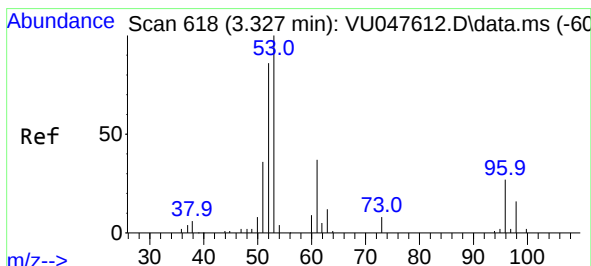
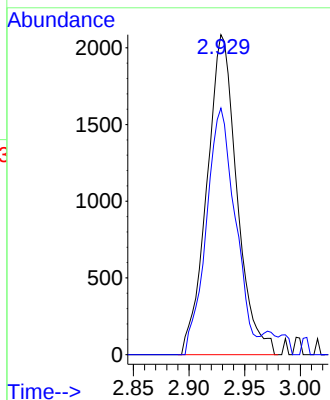
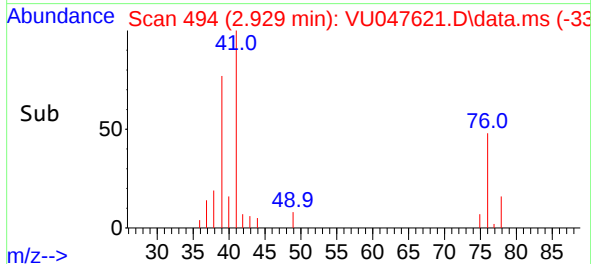
Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2022



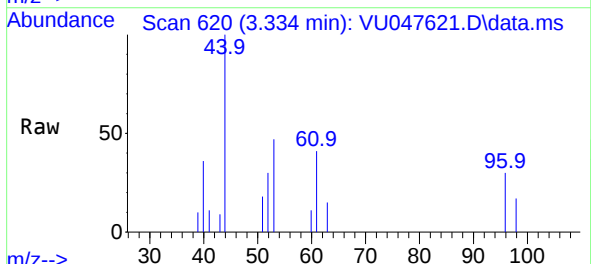
Tgt Ion: 41 Resp: 3914
 Ion Ratio Lower Upper
 41 100
 39 74.3 62.4 93.6

Manual Integrations
 APPROVED

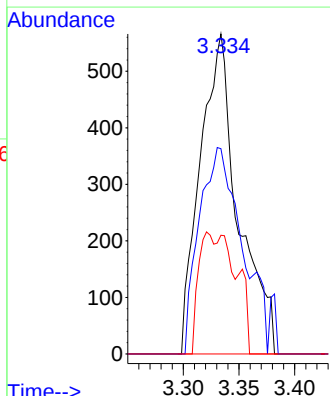
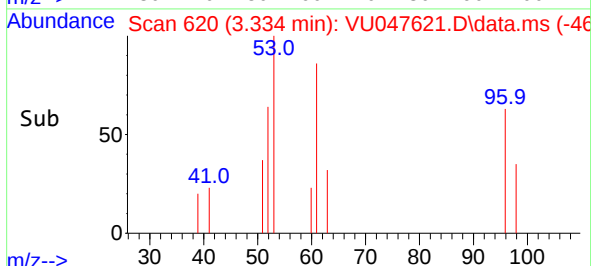
Reviewed By :John Carlone 03/31/2022
 Supervised By :Mahesh Dadoda 03/31/2022

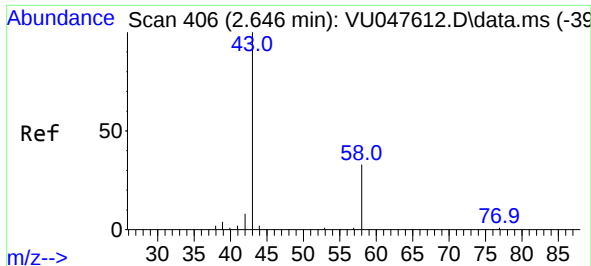


#12
 Acrylonitrile
 Concen: 0.804 ug/l
 RT: 3.334 min Scan# 620
 Delta R.T. 0.006 min
 Lab File: VU047621.D
 Acq: 18 Mar 2022 18:13



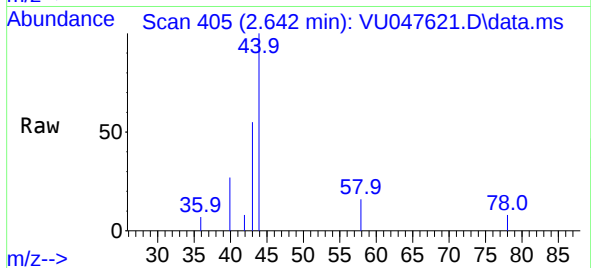
Tgt Ion: 53 Resp: 1346
 Ion Ratio Lower Upper
 53 100
 52 72.5 56.7 85.1
 51 15.8 30.3 45.5#





#13
Acetone
Concen: 2.272 ug/l
RT: 2.642 min Scan# 406
Delta R.T. -0.003 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

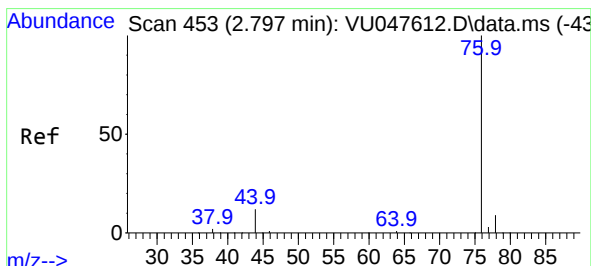
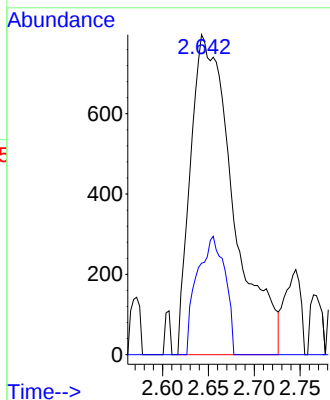
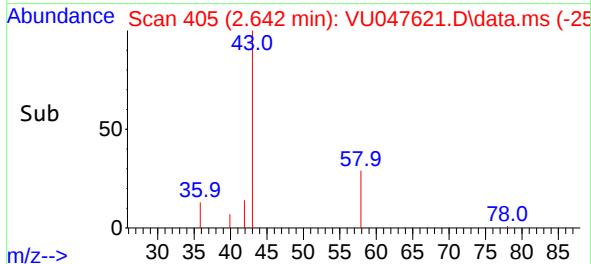
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 43 Resp: 2580
Ion Ratio Lower Upper
43 100
58 28.6 27.1 40.7

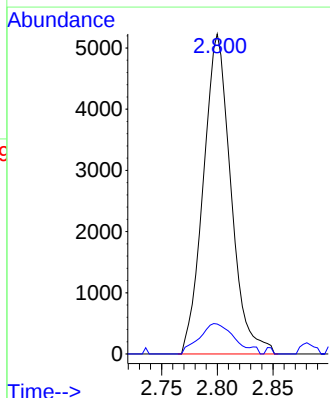
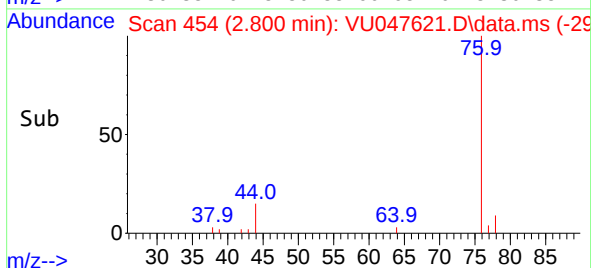
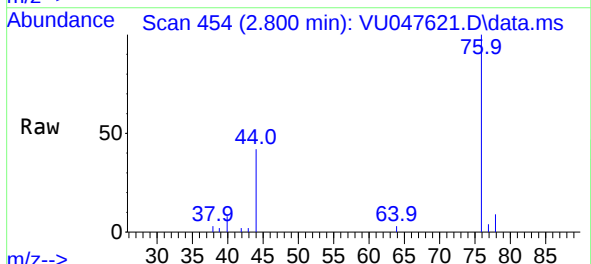
Manual Integrations
APPROVED

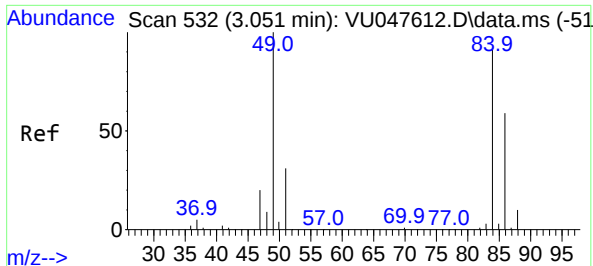
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#14
Carbon Disulfide
Concen: 0.376 ug/l
RT: 2.800 min Scan# 454
Delta R.T. 0.003 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

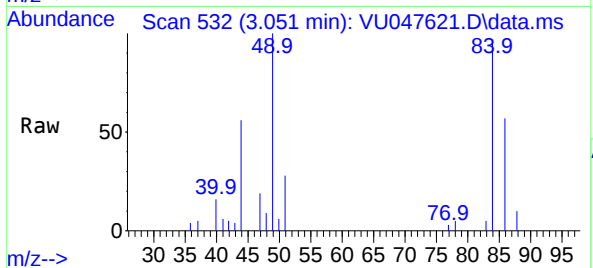
Tgt Ion: 76 Resp: 9003
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7





#15
Methylene Chloride
Concen: 0.448 ug/l
RT: 3.051 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

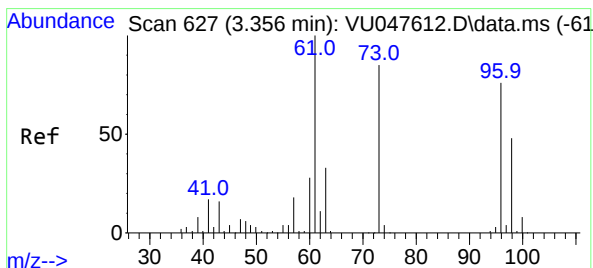
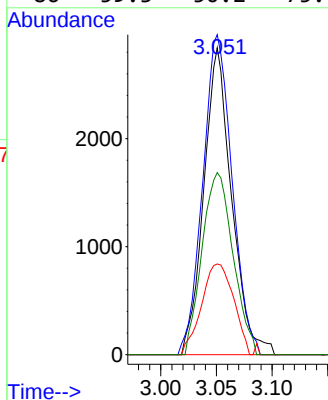
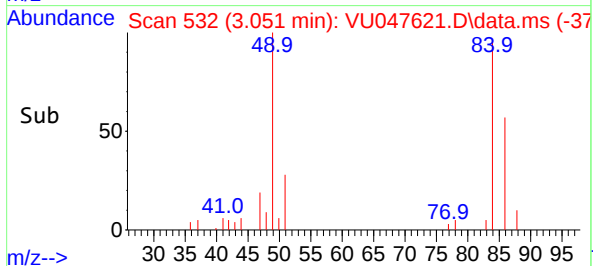
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 84 Resp: 4948
Ion Ratio Lower Upper
84 100
49 104.3 97.2 145.8
51 29.6 0.0 73.4
86 59.3 50.2 75.4

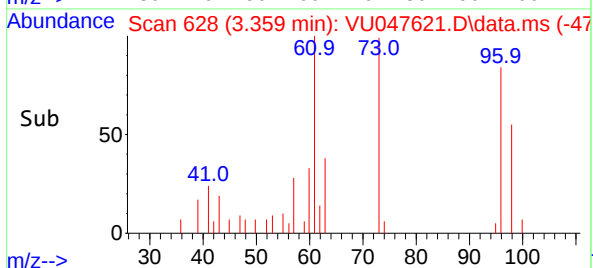
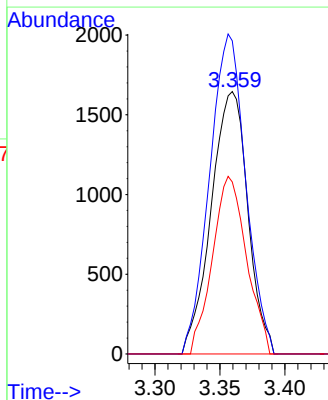
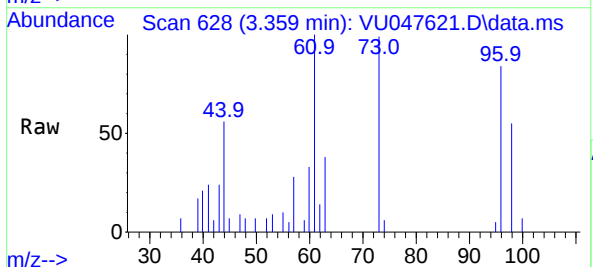
Manual Integrations
APPROVED

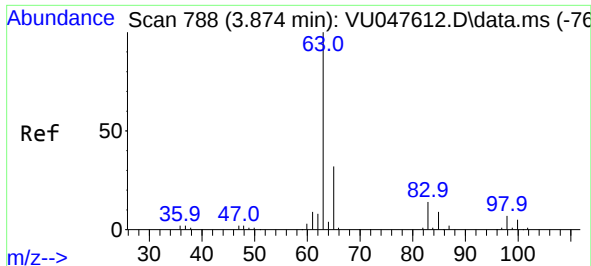
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#16
trans-1,2-Dichloroethene
Concen: 0.406 ug/l
RT: 3.359 min Scan# 628
Delta R.T. 0.003 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

Tgt Ion: 96 Resp: 3233
Ion Ratio Lower Upper
96 100
61 119.3 115.8 173.6
98 65.6 51.1 76.7





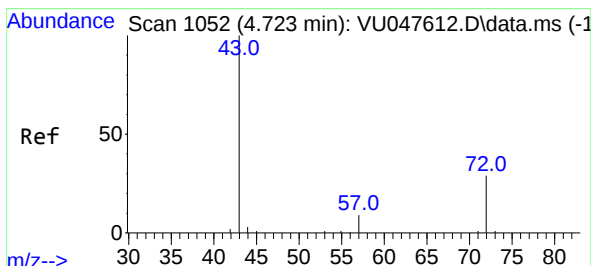
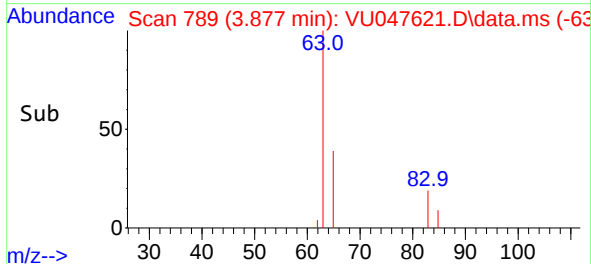
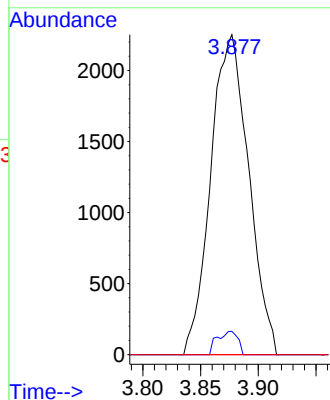
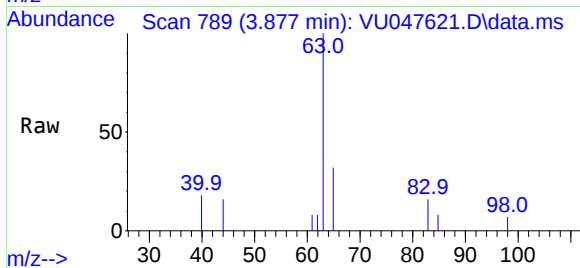
#17
1,1-Dichloroethane
Concen: 0.380 ug/l
RT: 3.877 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Tgt Ion: 63 Resp: 5140
Ion Ratio Lower Upper
63 100
98 7.3 3.6 10.8
100 0.0 2.1 6.5

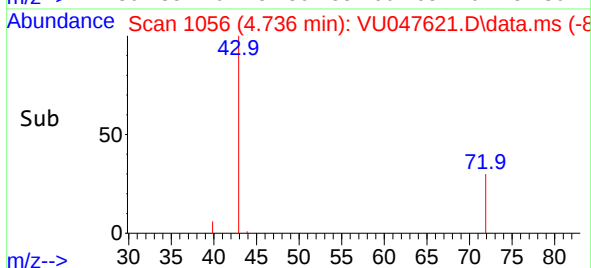
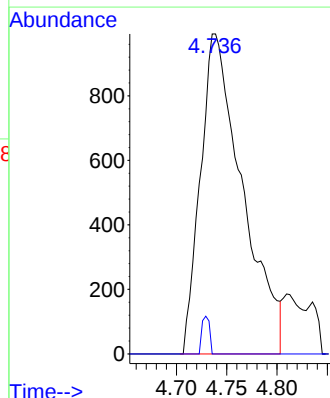
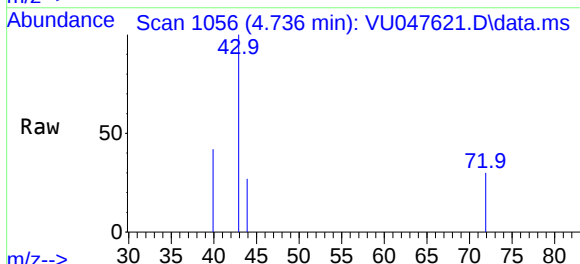
Manual Integrations
APPROVED

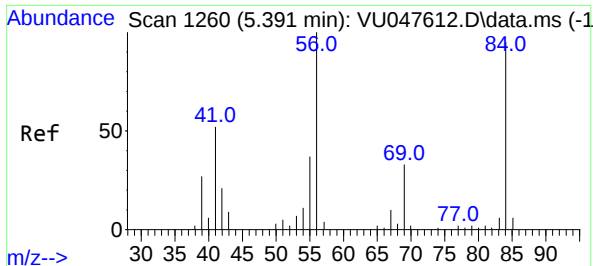
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#18
2-Butanone
Concen: 1.620 ug/l
RT: 4.736 min Scan# 1056
Delta R.T. 0.013 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

Tgt Ion: 43 Resp: 2872
Ion Ratio Lower Upper
43 100
57 0.0 0.0 16.6





#19

Cyclohexane

Concen: 0.345 ug/l m

RT: 5.388 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU047621.D

Acq: 18 Mar 2022 18:13

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2022

Tgt Ion: 56 Resp: 3500

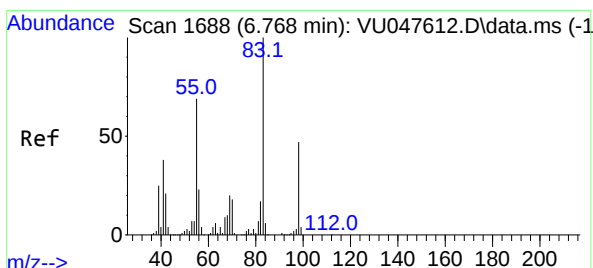
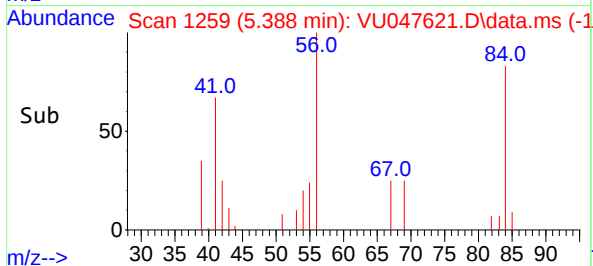
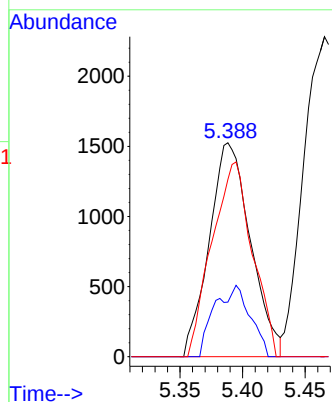
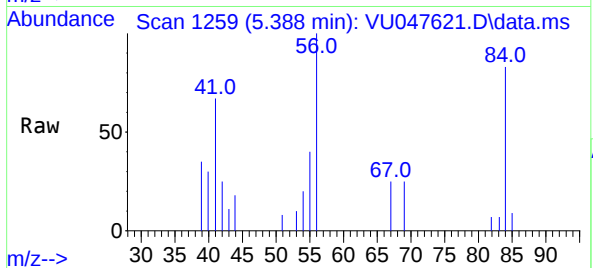
Ion	Ratio	Lower	Upper
56	100		
69	10.8	24.7	37.1
84	0.0	68.8	103.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#20

Methylcyclohexane

Concen: 0.338 ug/l

RT: 6.764 min Scan# 1687

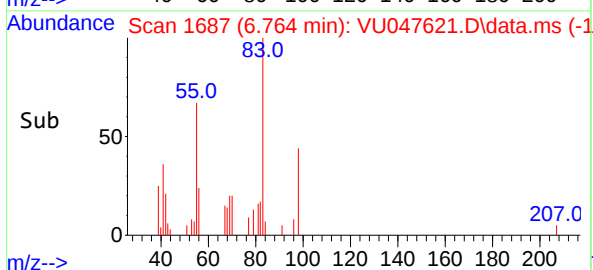
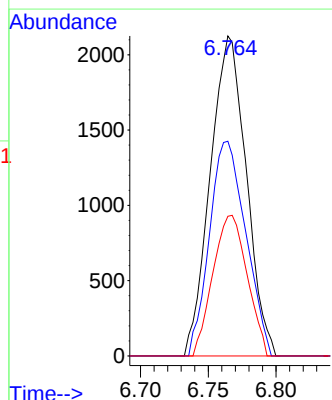
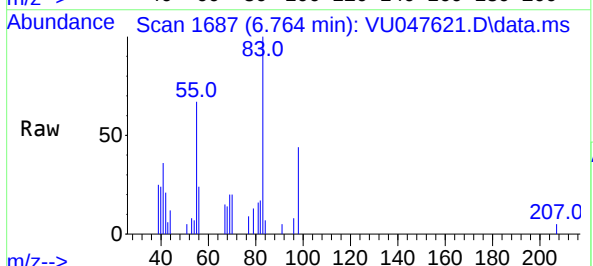
Delta R.T. -0.003 min

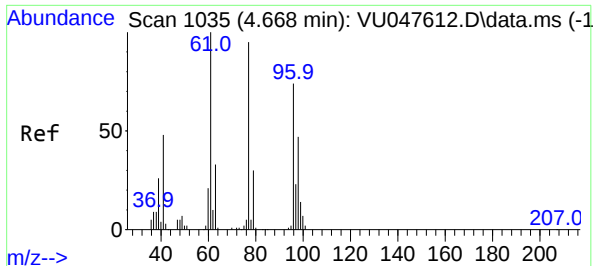
Lab File: VU047621.D

Acq: 18 Mar 2022 18:13

Tgt Ion: 83 Resp: 3931

Ion	Ratio	Lower	Upper
83	100		
55	67.6	61.9	92.9
98	41.8	37.4	56.2





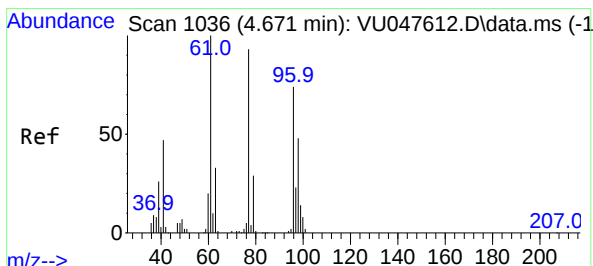
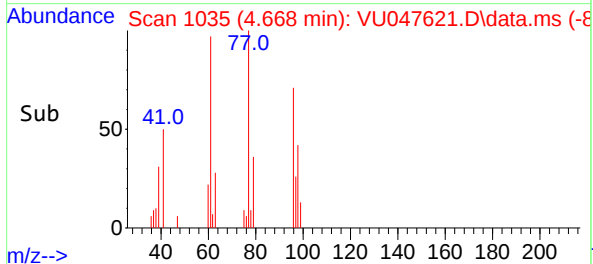
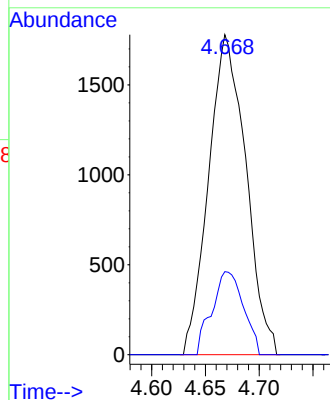
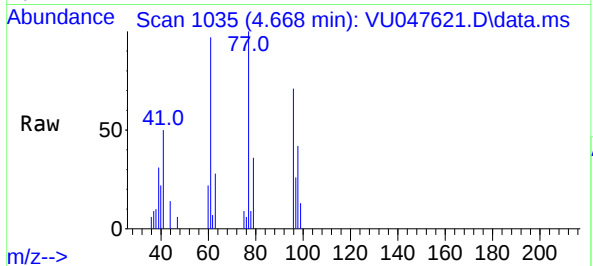
#21
2,2-Dichloropropane
Concen: 0.360 ug/l
RT: 4.668 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT1-2022

Tgt Ion: 77 Resp: 4278
Ion Ratio Lower Upper
77 100
97 22.0 17.2 25.8

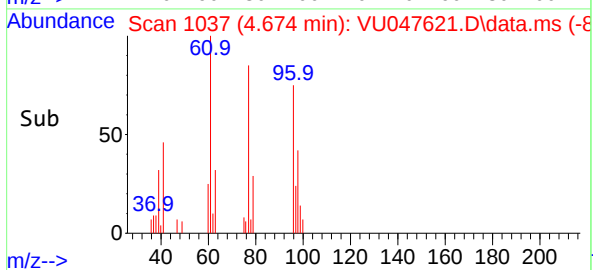
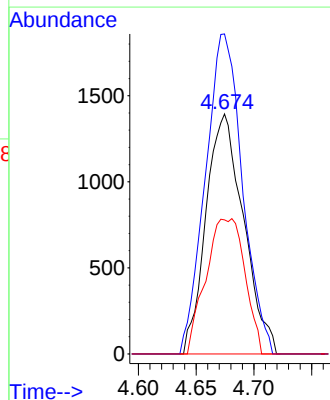
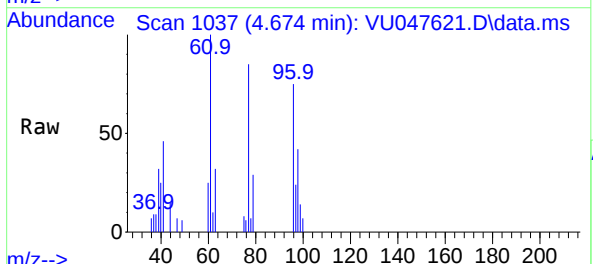
Manual Integrations
APPROVED

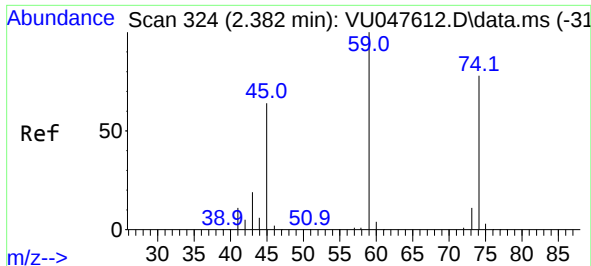
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#22
cis-1,2-Dichloroethene
Concen: 0.364 ug/l
RT: 4.674 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

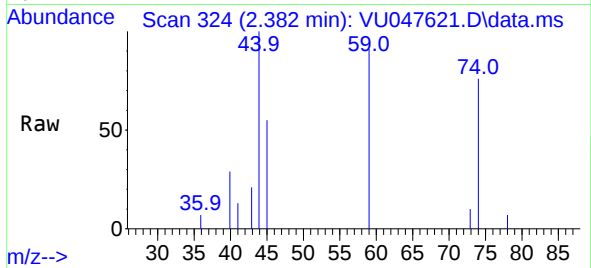
Tgt Ion: 96 Resp: 3153
Ion Ratio Lower Upper
96 100
61 131.4 0.0 385.3
98 58.4 32.1 96.3





#23
Diethyl Ether
Concen: 0.363 ug/l
RT: 2.382 min Scan# 312
Delta R.T. 0.000 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

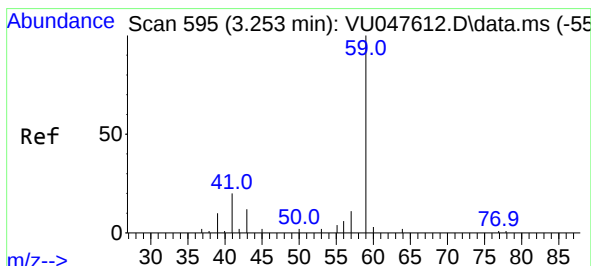
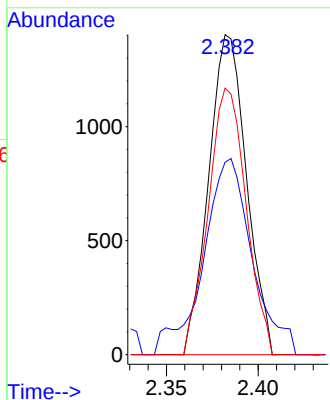
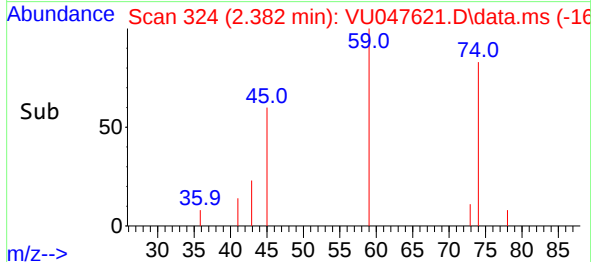
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



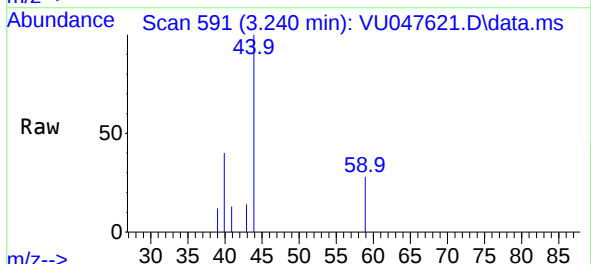
Tgt Ion: 59 Resp: 2009
Ion Ratio Lower Upper
59 100
45 79.2 55.6 83.4
74 83.6 58.1 87.1

Manual Integrations
APPROVED

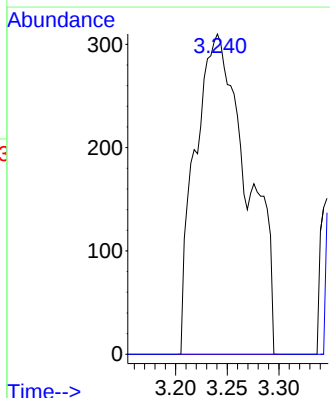
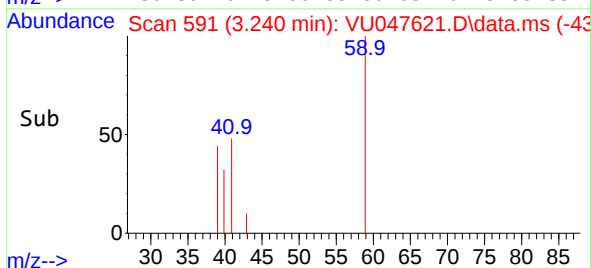
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

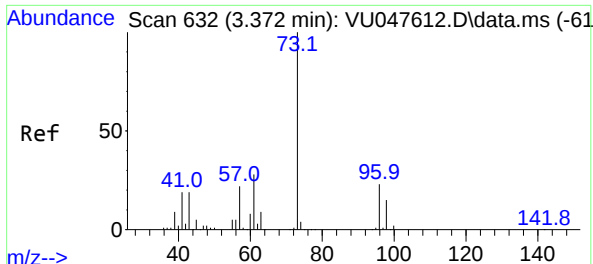


#24
tert-Butyl Alcohol
Concen: 2.845 ug/l m
RT: 3.240 min Scan# 591
Delta R.T. -0.013 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13



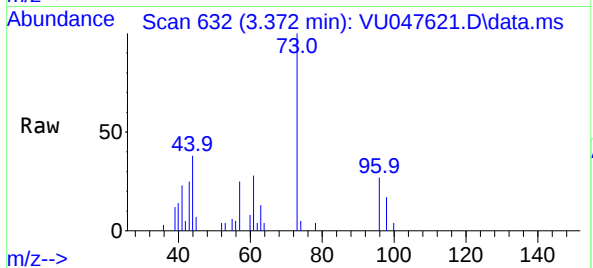
Tgt Ion: 59 Resp: 1087
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#





#25
Methyl tert-Butyl Ether
Concen: 0.371 ug/l
RT: 3.372 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

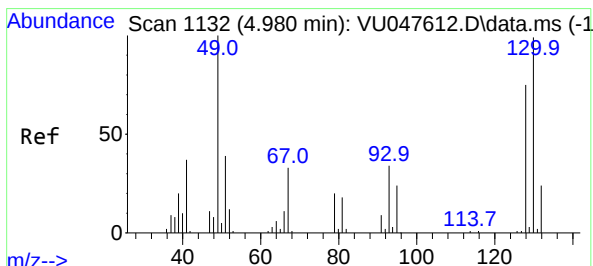
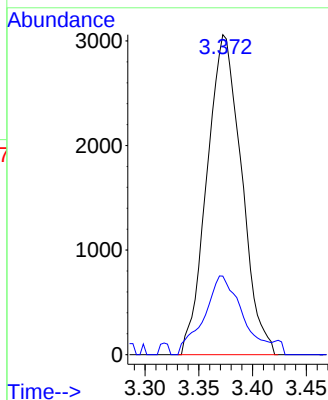
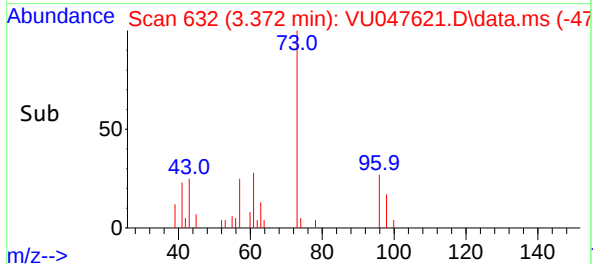
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



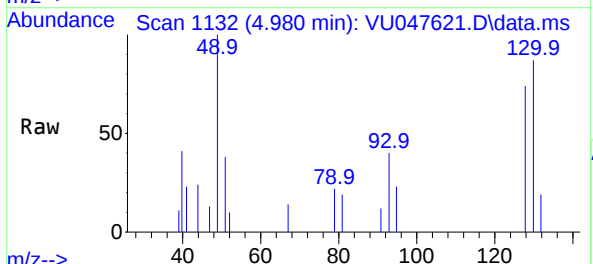
Tgt Ion: 73 Resp: 684
Ion Ratio Lower Upper
73 100
43 27.2 16.3 24.5

Manual Integrations
APPROVED

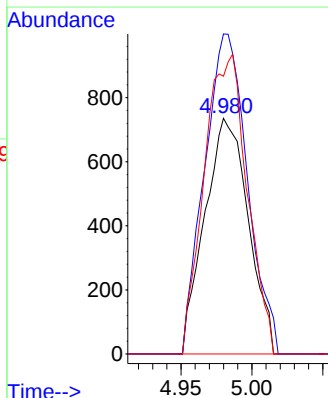
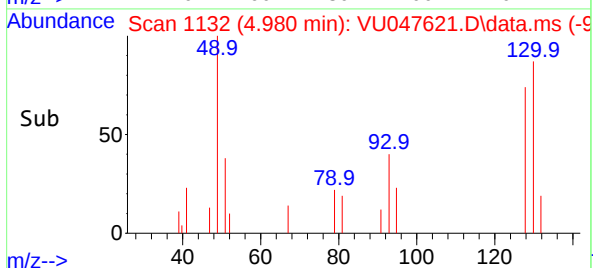
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

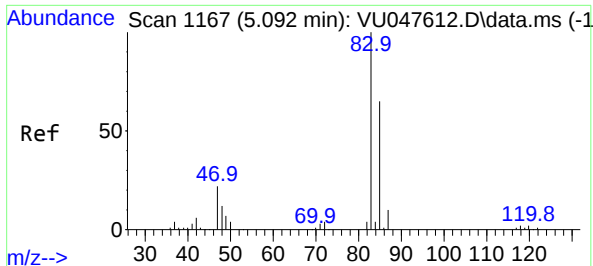


#26
Bromochloromethane
Concen: 0.359 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13



Tgt Ion:128 Resp: 1573
Ion Ratio Lower Upper
128 100
49 133.8 0.0 347.4
130 125.6 101.5 152.3





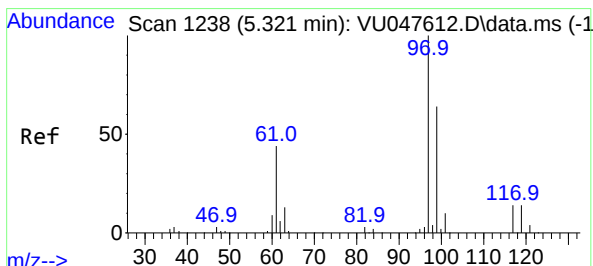
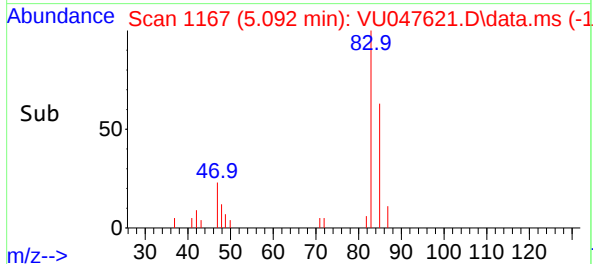
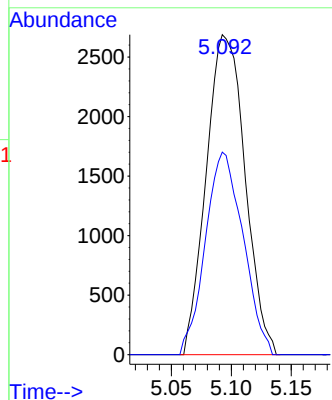
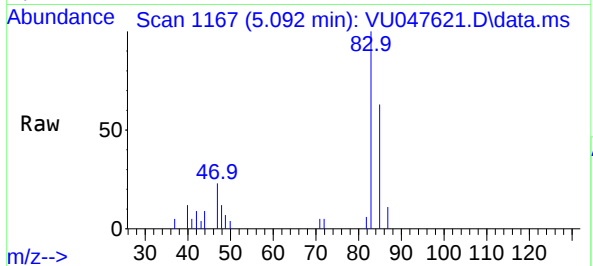
#27
Chloroform
Concen: 0.414 ug/l
RT: 5.092 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Tgt Ion: 83 Resp: 6052
Ion Ratio Lower Upper
83 100
85 63.3 0.0 129.2

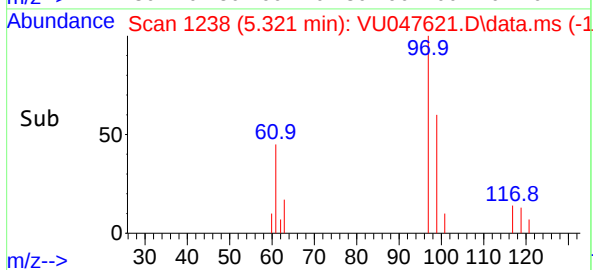
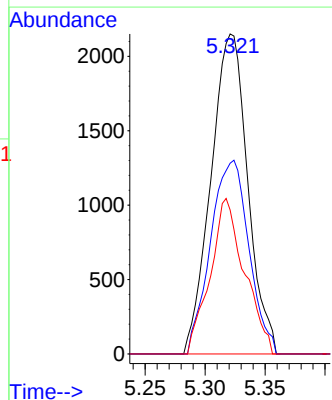
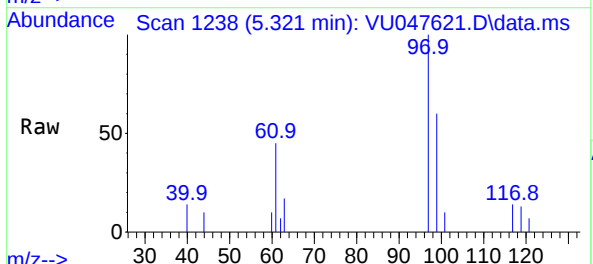
Manual Integrations
APPROVED

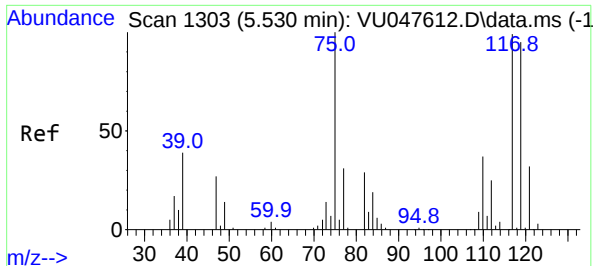
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#28
1,1,1-Trichloroethane
Concen: 0.361 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

Tgt Ion: 97 Resp: 4585
Ion Ratio Lower Upper
97 100
99 63.2 32.2 96.6
61 45.4 24.5 73.5





#29

1,1-Dichloropropene

Concen: 0.342 ug/l

RT: 5.533 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU047621.D

Acq: 18 Mar 2022 18:13

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2022

Tgt Ion: 75 Resp: 352

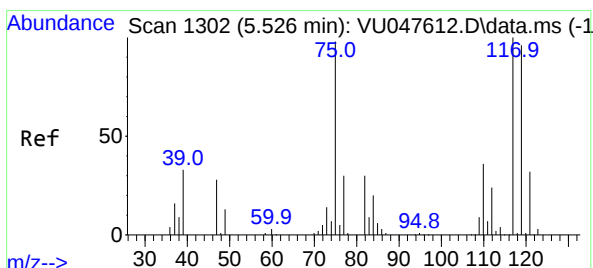
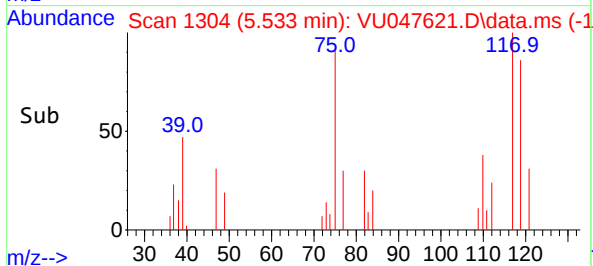
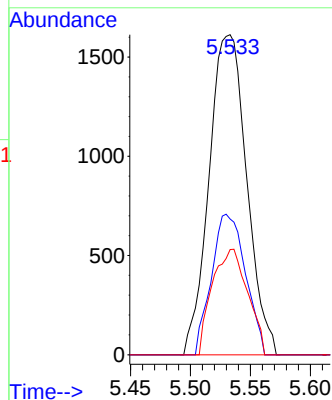
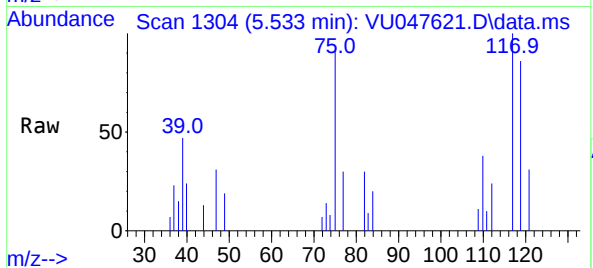
Ion	Ratio	Lower	Upper
75	100		
110	39.6	16.8	50.3
77	31.0	24.7	37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#30

Carbon Tetrachloride

Concen: 0.368 ug/l

RT: 5.527 min Scan# 1302

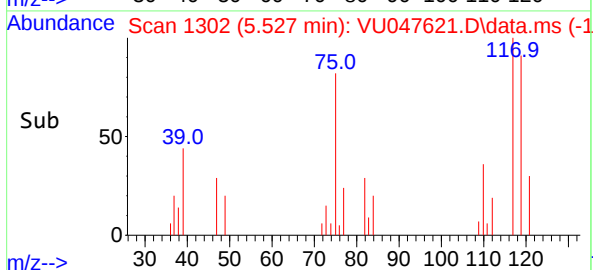
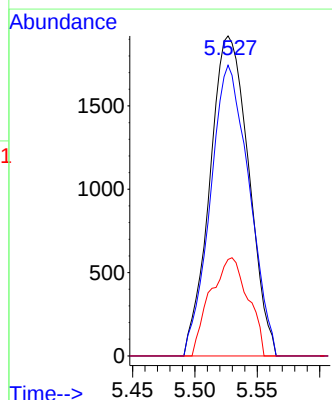
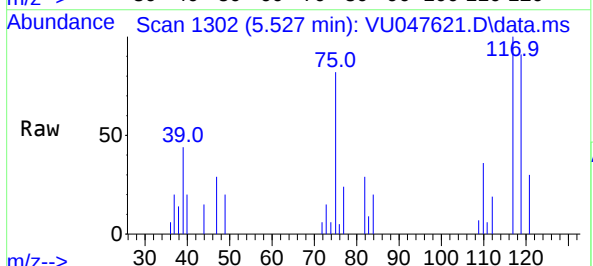
Delta R.T. 0.000 min

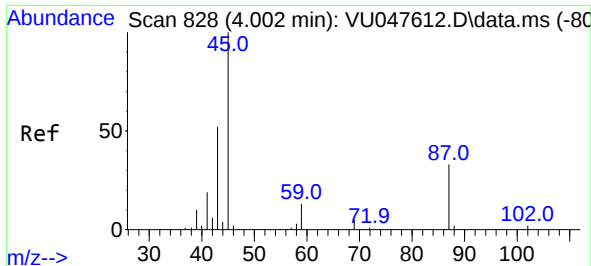
Lab File: VU047621.D

Acq: 18 Mar 2022 18:13

Tgt Ion:117 Resp: 4163

Ion	Ratio	Lower	Upper
117	100		
119	90.8	76.8	115.2
121	30.2	24.6	37.0





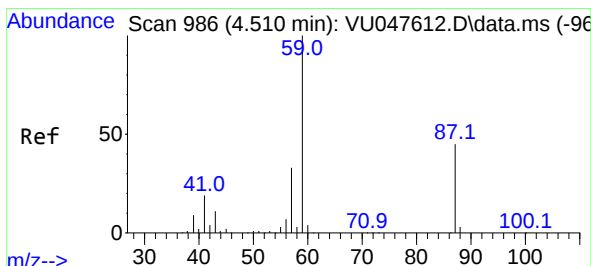
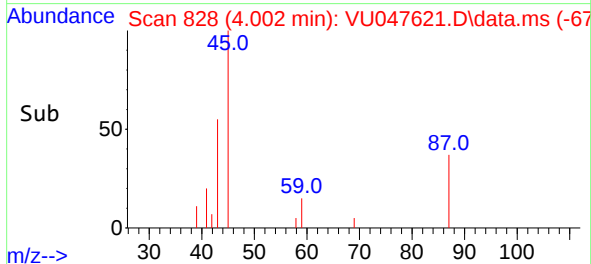
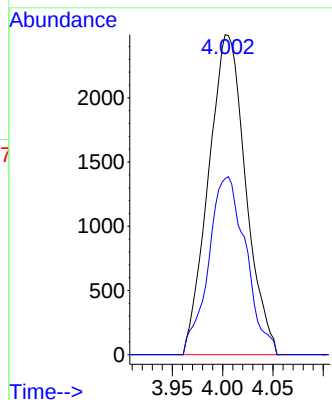
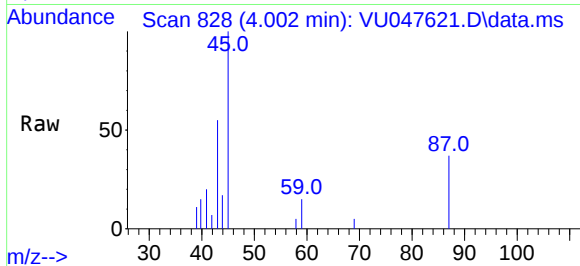
#31
Isopropyl Ether
Concen: 0.357 ug/l
RT: 4.002 min Scan# 828
Delta R.T. 0.000 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Tgt Ion: 45 Resp: 6400
Ion Ratio Lower Upper
45 100
43 55.9 25.3 75.8

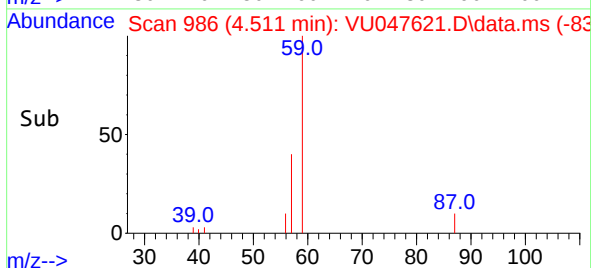
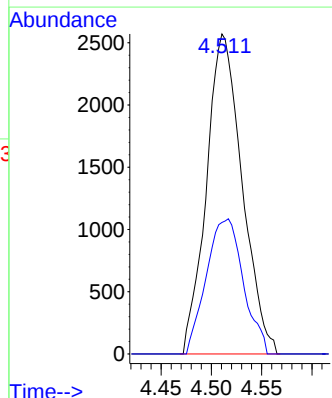
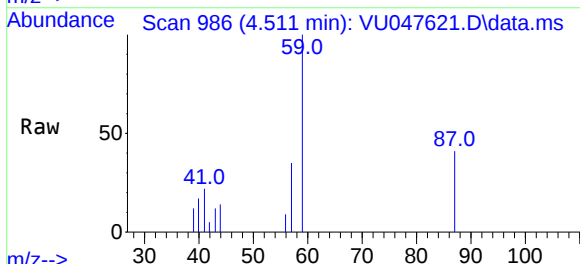
Manual Integrations
APPROVED

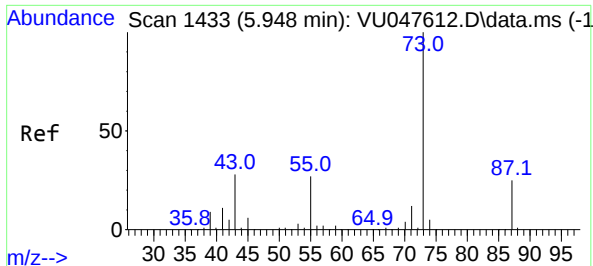
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#32
Ethyl-t-butyl ether
Concen: 0.350 ug/l
RT: 4.511 min Scan# 986
Delta R.T. 0.000 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

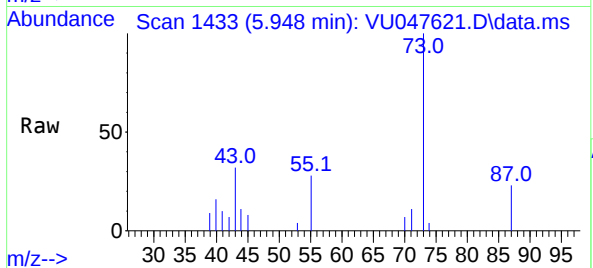
Tgt Ion: 59 Resp: 6341
Ion Ratio Lower Upper
59 100
87 43.8 32.7 49.1





#33
Tert-Amyl methyl ether
Concen: 0.333 ug/l
RT: 5.948 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

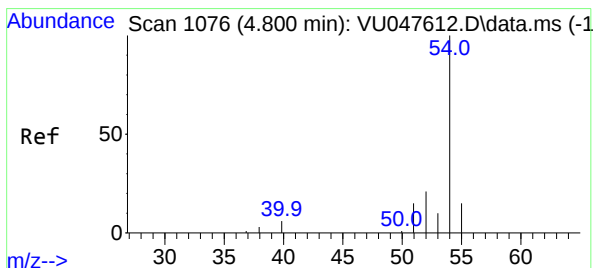
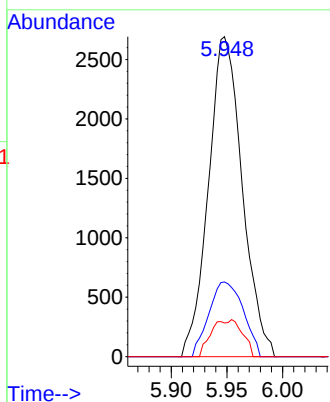
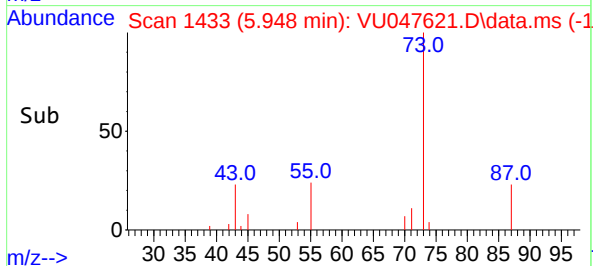
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 73 Resp: 5680
Ion Ratio Lower Upper
73 100
87 23.8 18.6 28.0
71 5.2 9.0 13.6

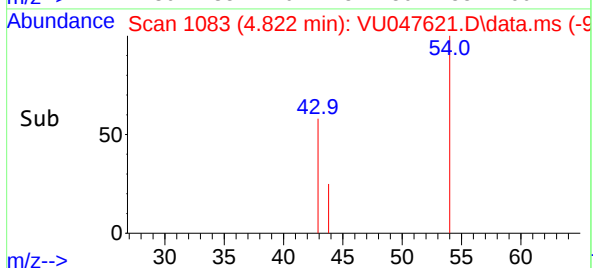
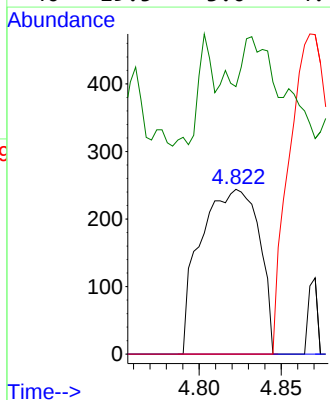
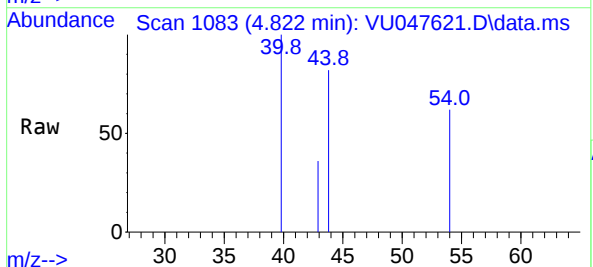
Manual Integrations
APPROVED

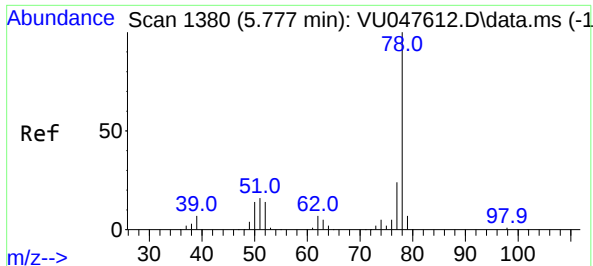
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#34
Propionitrile
Concen: 1.263 ug/l
RT: 4.822 min Scan# 1083
Delta R.T. 0.022 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

Tgt Ion: 54 Resp: 605
Ion Ratio Lower Upper
54 100
52 0.0 11.9 17.9#
55 0.0 8.0 12.0#
40 19.5 3.0 4.4#





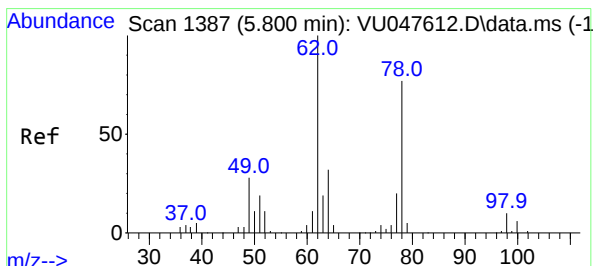
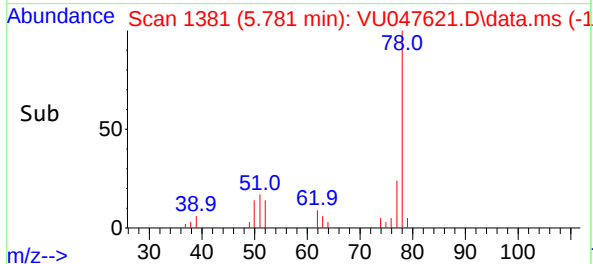
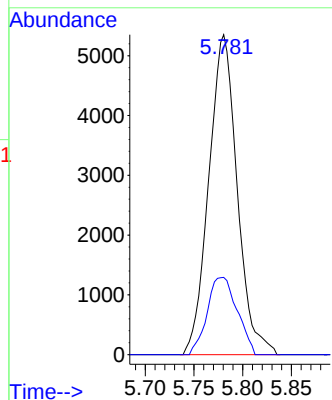
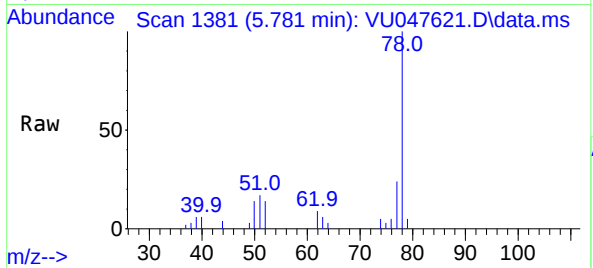
#35
Benzene
Concen: 0.352 ug/l
RT: 5.781 min Scan# 1381
Delta R.T. 0.003 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT1-2022

Tgt Ion: 78 Resp: 10849
Ion Ratio Lower Upper
78 100
77 24.2 19.1 28.7

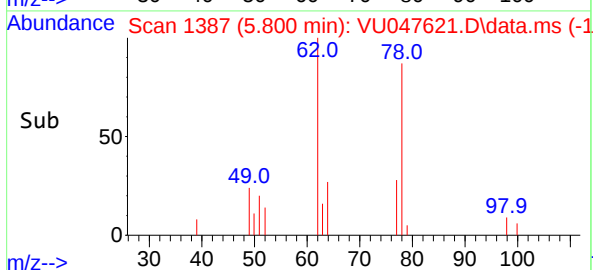
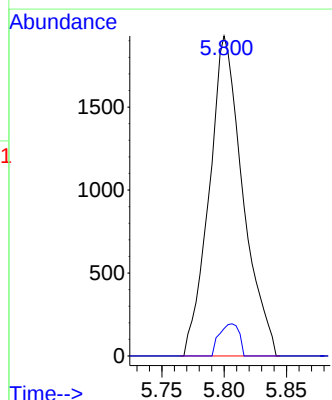
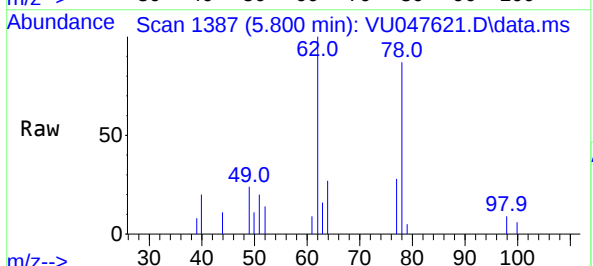
Manual Integrations
APPROVED

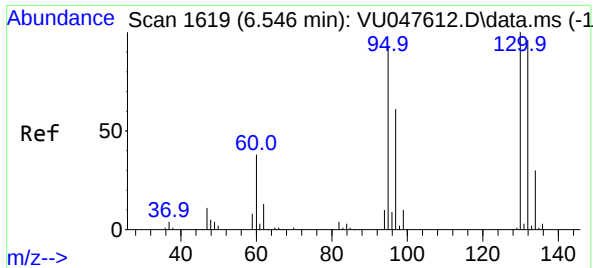
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#36
1,2-Dichloroethane
Concen: 0.389 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

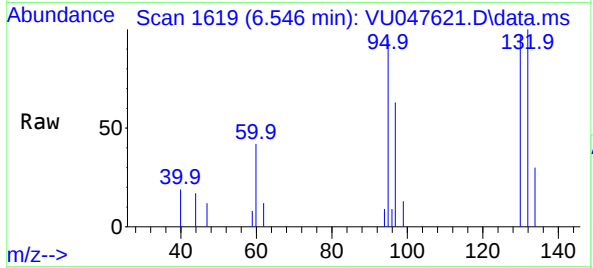
Tgt Ion: 62 Resp: 3621
Ion Ratio Lower Upper
62 100
98 5.9 7.3 10.9#





#37
Trichloroethene
Concen: 0.339 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

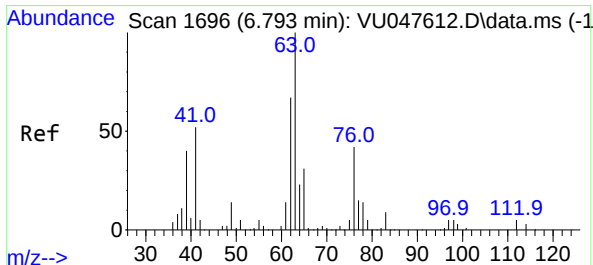
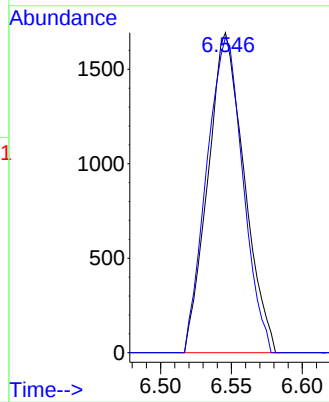
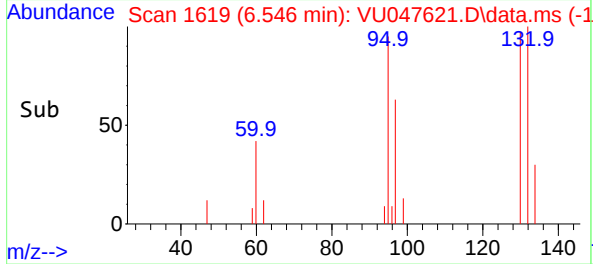
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



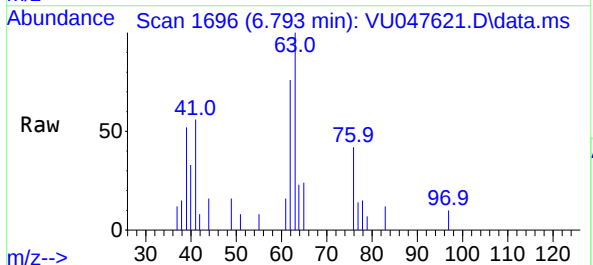
Tgt Ion:130 Resp: 301
Ion Ratio Lower Upper
130 100
95 98.6 83.8 125.8

Manual Integrations
APPROVED

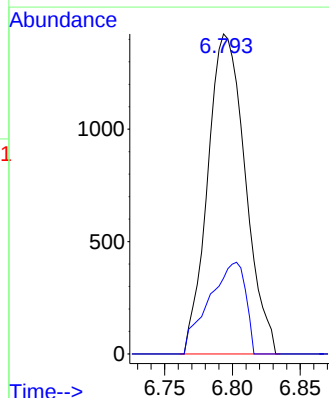
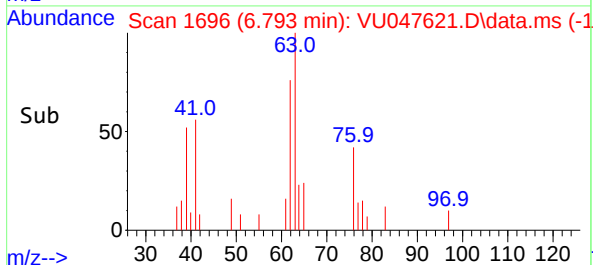
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

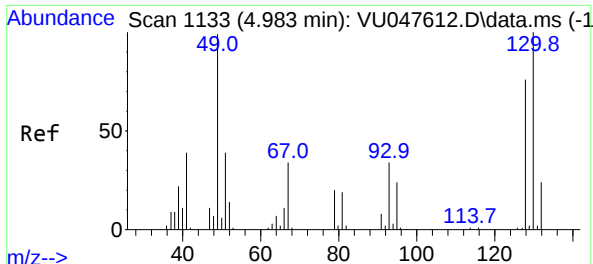


#38
1,2-Dichloropropane
Concen: 0.346 ug/l
RT: 6.793 min Scan# 1696
Delta R.T. 0.000 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13



Tgt Ion: 63 Resp: 2746
Ion Ratio Lower Upper
63 100
65 23.7 24.7 37.1#





#39

Methacrylonitrile

Concen: 0.346 ug/l

RT: 4.993 min Scan# 1136

Delta R.T. 0.010 min

Lab File: VU047621.D

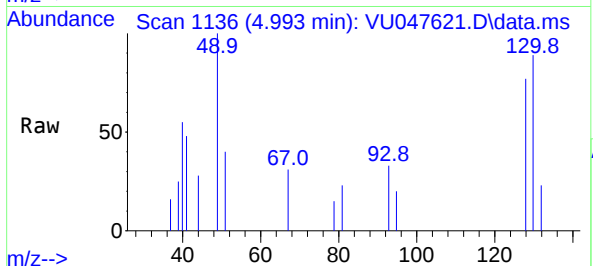
Acq: 18 Mar 2022 18:13

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 41 Resp: 769

Ion Ratio Lower Upper

41 100

67 54.1 65.2 97.8

39 44.5 43.0 64.6

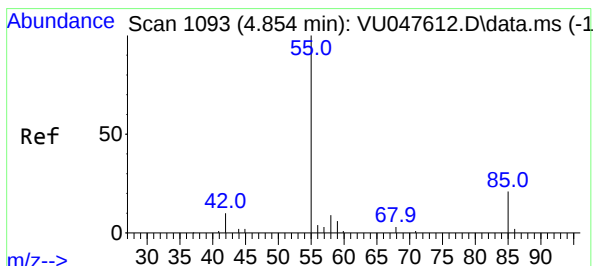
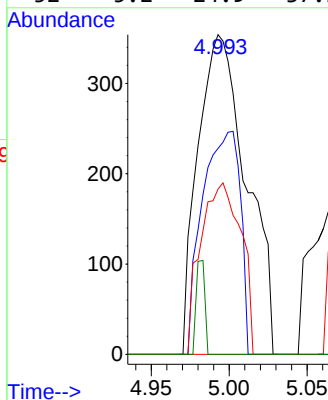
52 5.2 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#40

Methyl acrylate

Concen: 0.306 ug/l

RT: 4.867 min Scan# 1097

Delta R.T. 0.013 min

Lab File: VU047621.D

Acq: 18 Mar 2022 18:13

Tgt Ion: 55 Resp: 1149

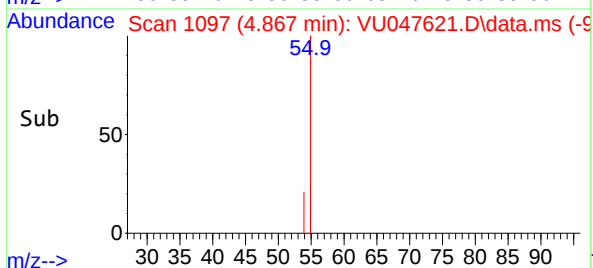
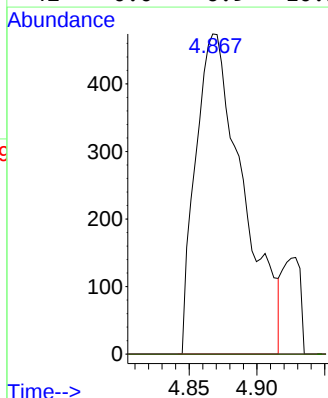
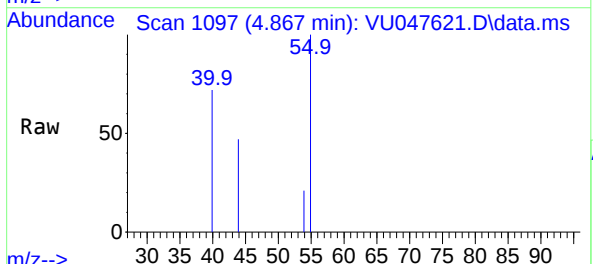
Ion Ratio Lower Upper

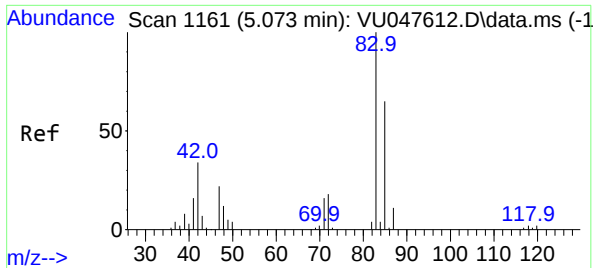
55 100

85 0.0 12.2 18.2

58 0.0 6.7 10.1

42 0.0 6.9 10.3





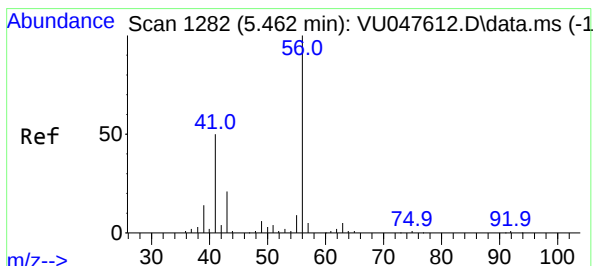
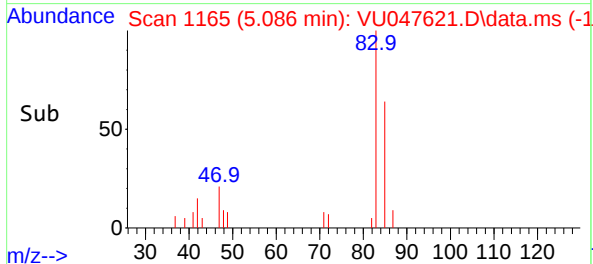
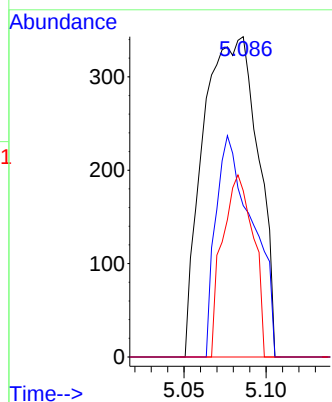
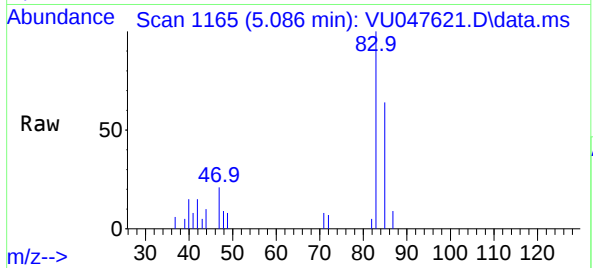
#41
Tetrahydrofuran
Concen: 0.706 ug/l
RT: 5.086 min Scan# 1161
Delta R.T. 0.013 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT1-2022

Tgt Ion: 42 Resp: 799
Ion Ratio Lower Upper
42 100
72 46.7 42.4 63.6
71 32.1 36.4 54.6

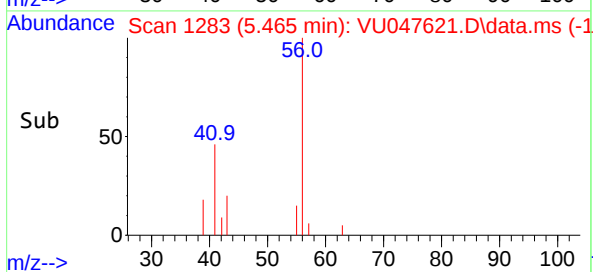
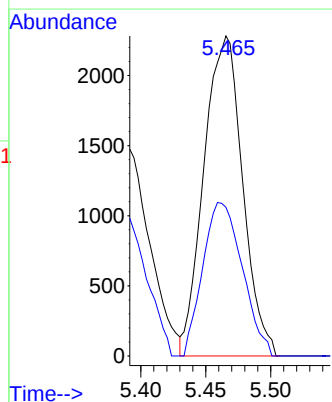
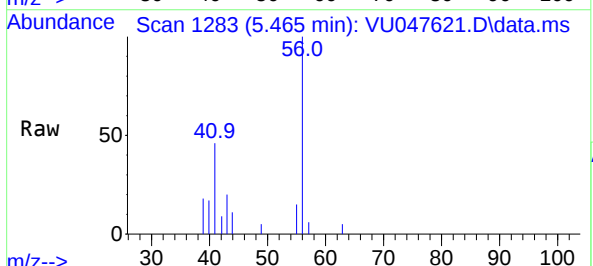
Manual Integrations
APPROVED

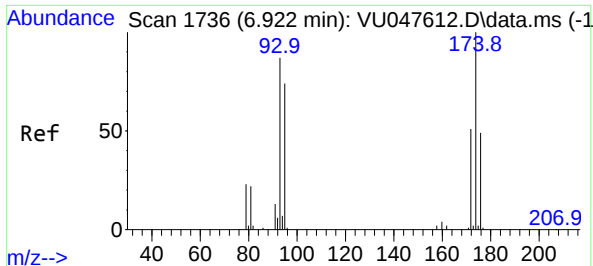
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#42
1-Chlorobutane
Concen: 0.356 ug/l
RT: 5.465 min Scan# 1283
Delta R.T. 0.003 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

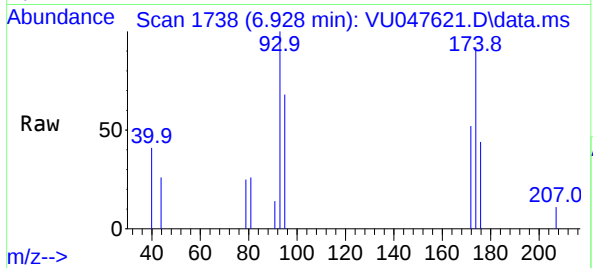
Tgt Ion: 56 Resp: 4727
Ion Ratio Lower Upper
56 100
41 49.0 26.0 78.0





#43
Dibromomethane
Concen: 0.369 ug/l
RT: 6.928 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

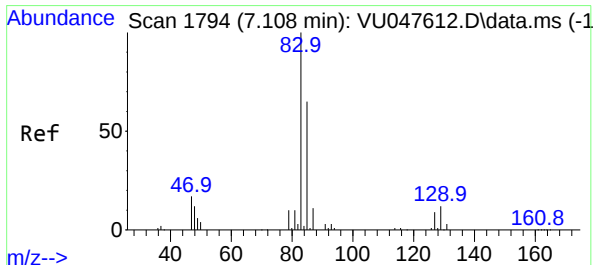
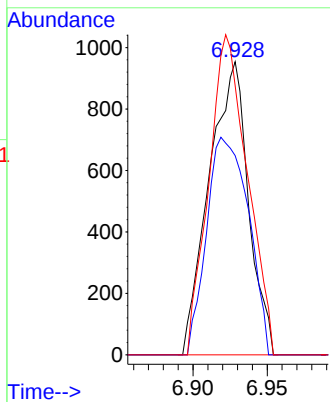
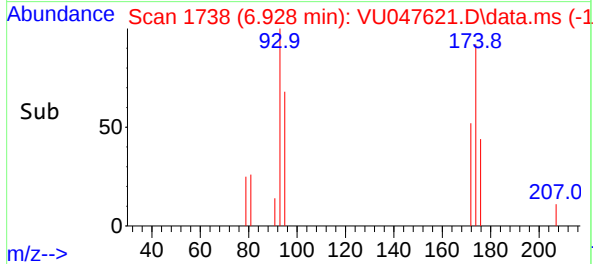
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



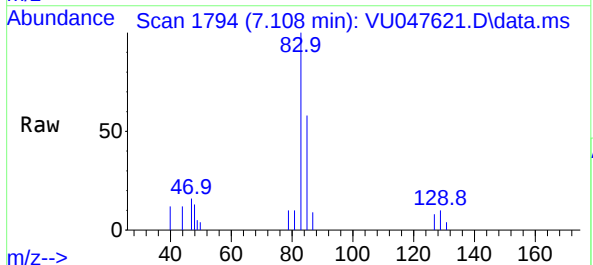
Tgt Ion: 93 Resp: 1754
Ion Ratio Lower Upper
93 100
95 79.1 66.2 99.2
174 107.4 70.7 106.1

Manual Integrations
APPROVED

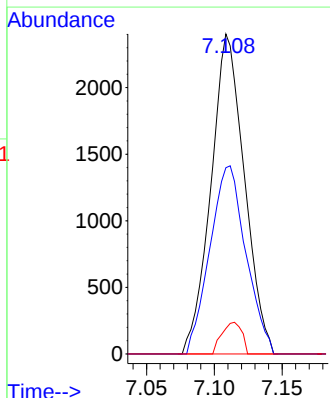
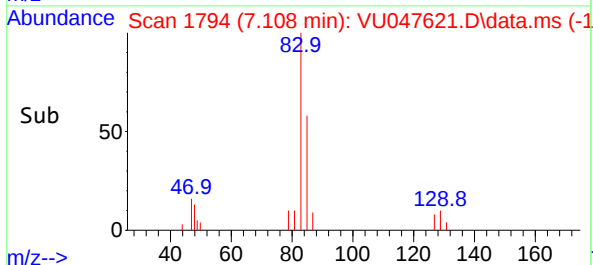
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

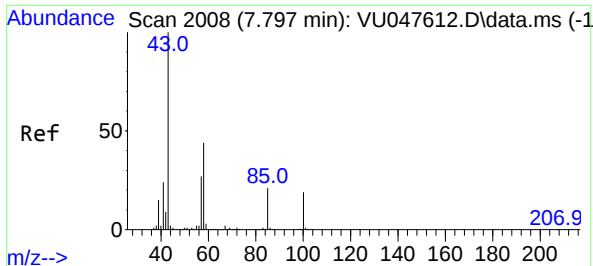


#44
Bromodichloromethane
Concen: 0.374 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13



Tgt Ion: 83 Resp: 4124
Ion Ratio Lower Upper
83 100
85 58.2 50.9 76.3
127 7.9 6.0 9.0





#45

4-Methyl-2-Pentanone

Concen: 1.556 ug/l

RT: 7.803 min Scan# 2008

Delta R.T. 0.006 min

Lab File: VU047621.D

Acq: 18 Mar 2022 18:13

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2022

Tgt Ion: 43 Resp: 7394

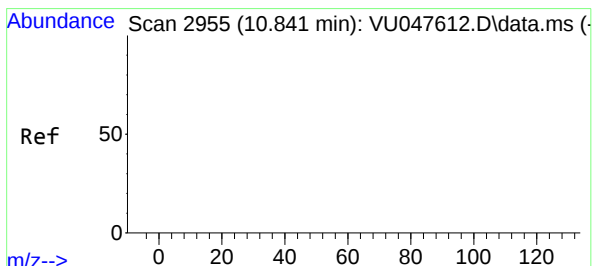
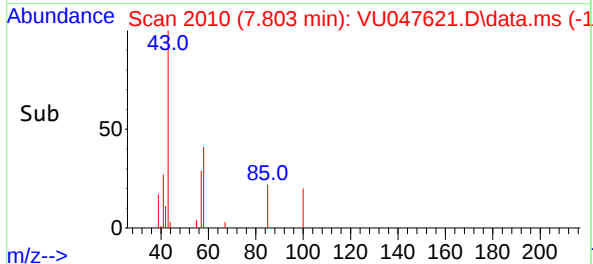
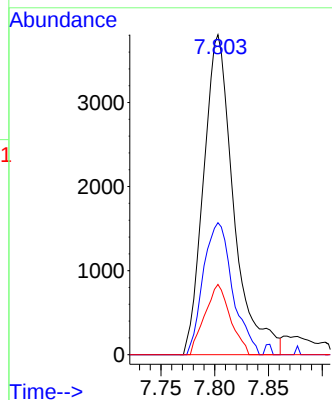
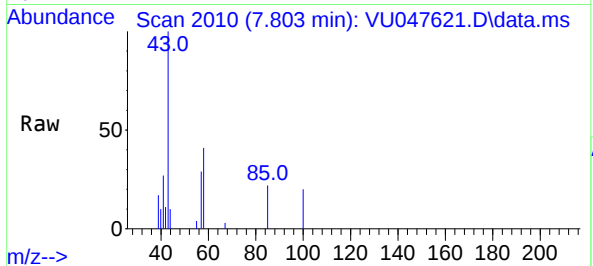
Ion	Ratio	Lower	Upper
43	100		
58	40.3	21.0	63.0
85	18.6	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#46

t-1,4-Dichloro-2-butene

Concen: 0.732 ug/l m

RT: 10.835 min Scan# 2953

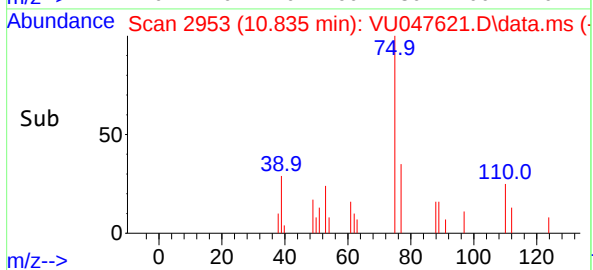
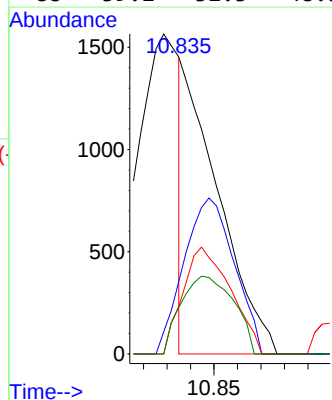
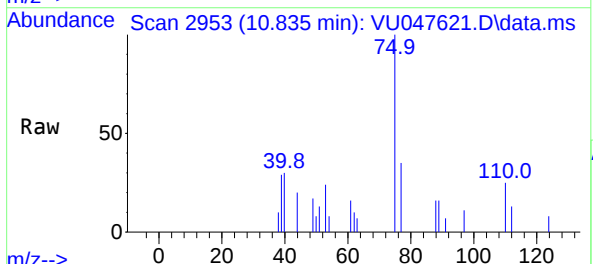
Delta R.T. -0.006 min

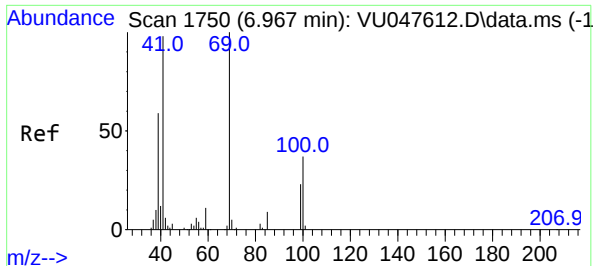
Lab File: VU047621.D

Acq: 18 Mar 2022 18:13

Tgt Ion: 75 Resp: 1511

Ion	Ratio	Lower	Upper
75	100		
53	75.1	66.8	100.2
89	48.7	41.7	62.5
88	39.2	32.3	48.5





#47

Methyl methacrylate

Concen: 0.587 ug/l

RT: 6.970 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU047621.D

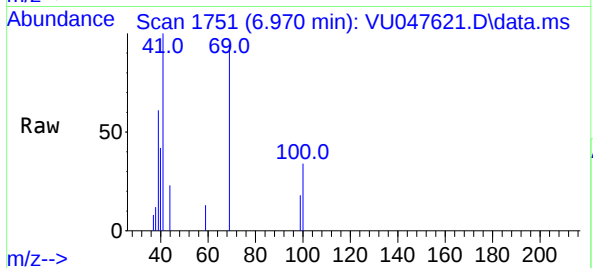
Acq: 18 Mar 2022 18:13

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 69 Resp: 225

Ion Ratio Lower Upper

69 100

41 101.5 0.0 230.0

39 63.5 55.1 82.7

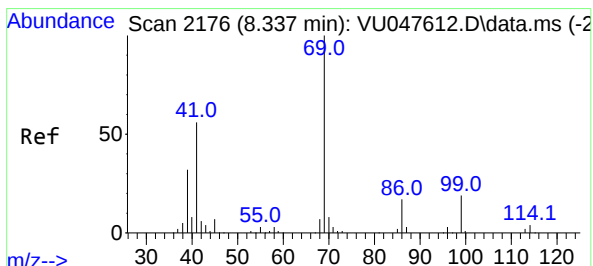
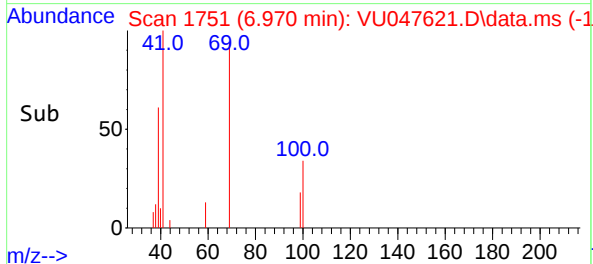
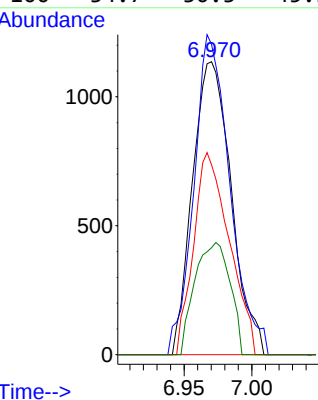
100 34.7 30.3 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#48

Ethyl methacrylate

Concen: 0.311 ug/l

RT: 8.340 min Scan# 2177

Delta R.T. 0.003 min

Lab File: VU047621.D

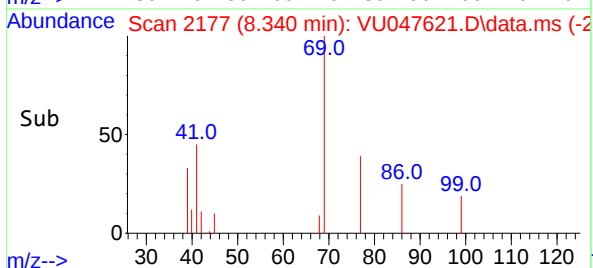
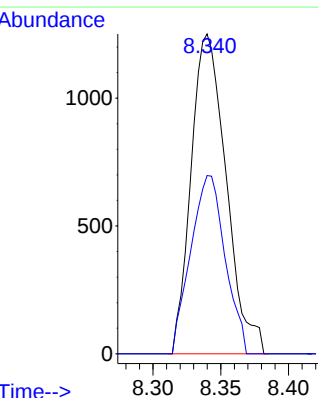
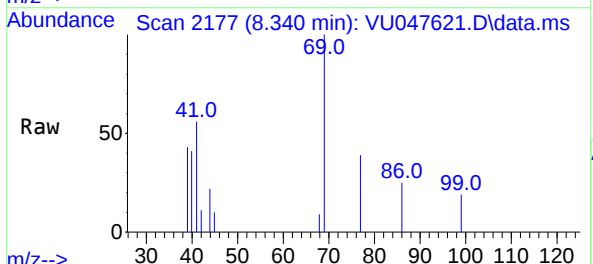
Acq: 18 Mar 2022 18:13

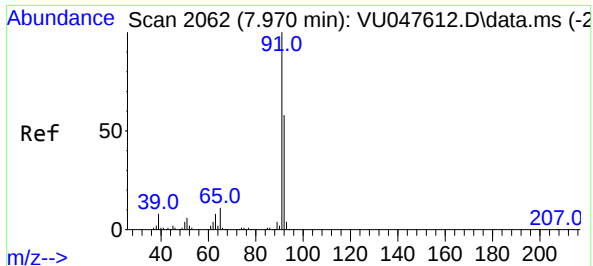
Tgt Ion: 69 Resp: 2252

Ion Ratio Lower Upper

69 100

41 54.7 32.6 98.0





#49

Toluene

Concen: 0.322 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU047621.D

Acq: 18 Mar 2022 18:13

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2022

Tgt Ion: 92 Resp: 608

Ion Ratio Lower Upper

92 100

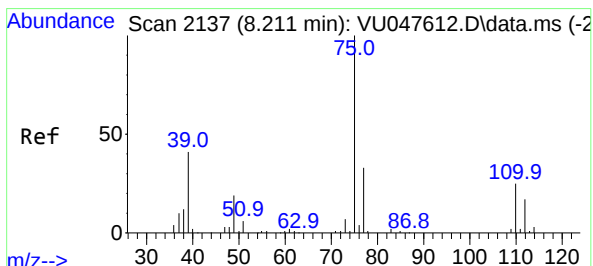
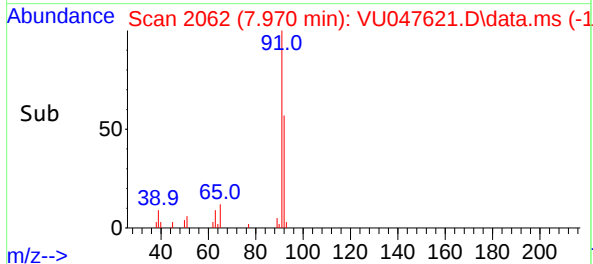
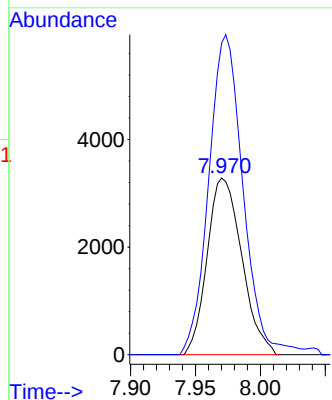
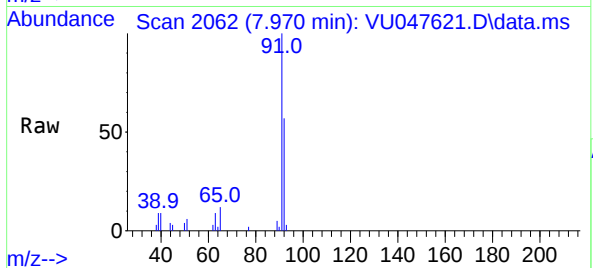
91 179.4 136.8 205.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#50

t-1,3-Dichloropropene

Concen: 0.328 ug/l

RT: 8.215 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU047621.D

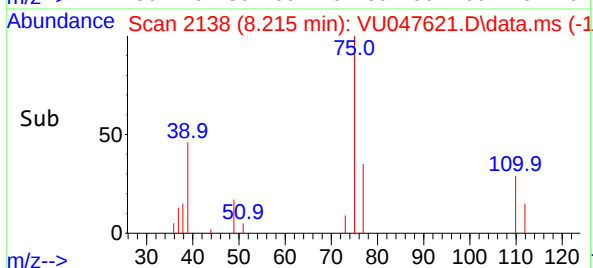
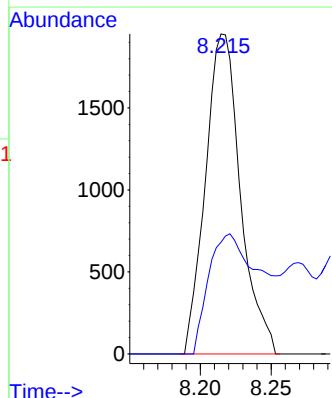
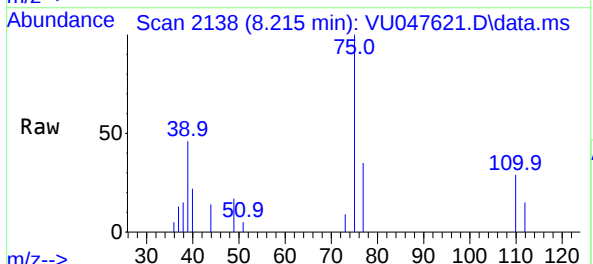
Acq: 18 Mar 2022 18:13

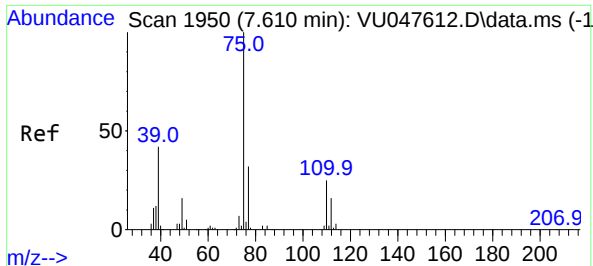
Tgt Ion: 75 Resp: 3348

Ion Ratio Lower Upper

75 100

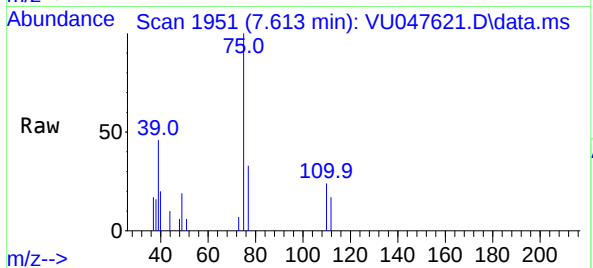
77 34.9 25.6 38.4





#51
cis-1,3-Dichloropropene
Concen: 0.331 ug/l
RT: 7.613 min Scan# 1951
Delta R.T. 0.003 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

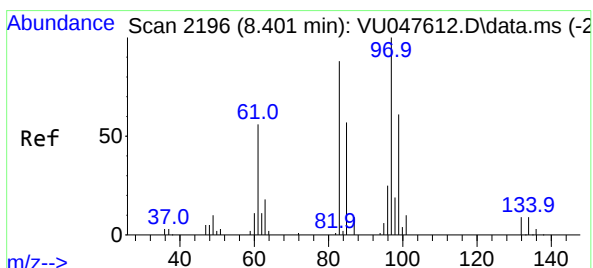
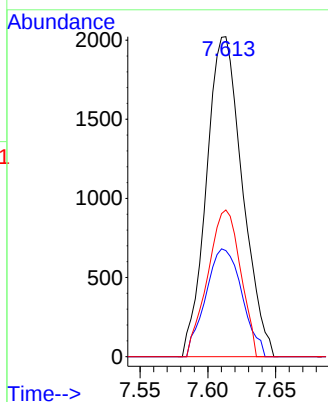
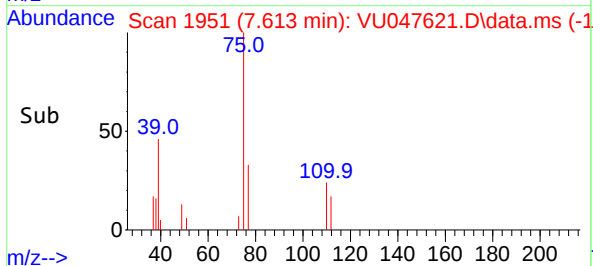
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 75 Resp: 372
Ion Ratio Lower Upper
75 100
77 33.1 25.2 37.8
39 45.8 38.6 57.8

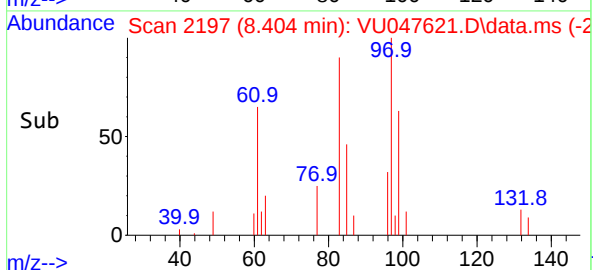
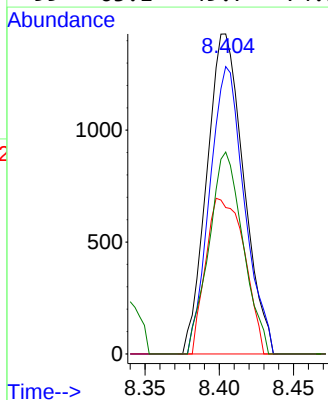
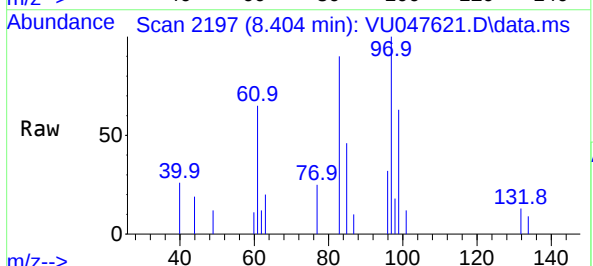
Manual Integrations
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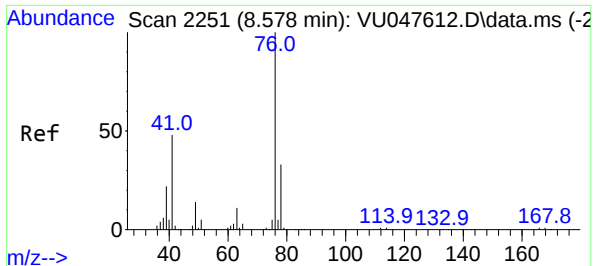
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#52
1,1,2-Trichloroethane
Concen: 0.373 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. 0.003 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

Tgt Ion: 97 Resp: 2469
Ion Ratio Lower Upper
97 100
83 89.8 69.8 104.8
85 45.7 44.2 66.4
99 63.1 49.7 74.5





#53

1,3-Dichloropropane

Concen: 0.339 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047621.D

Acq: 18 Mar 2022 18:13

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2022

Tgt Ion: 76 Resp: 3649

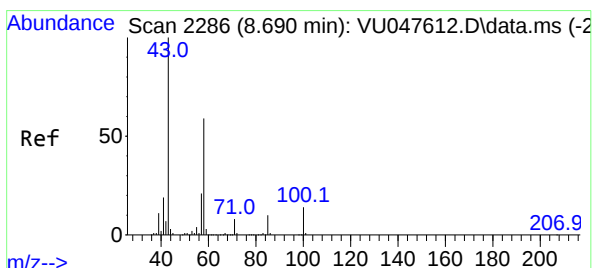
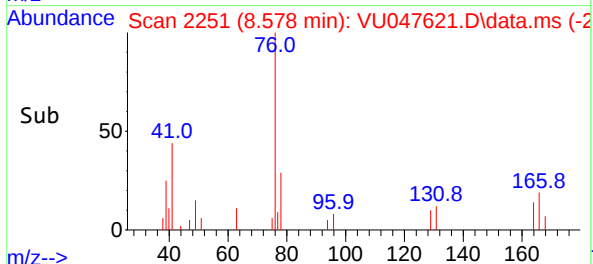
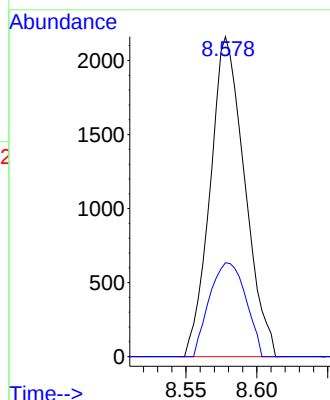
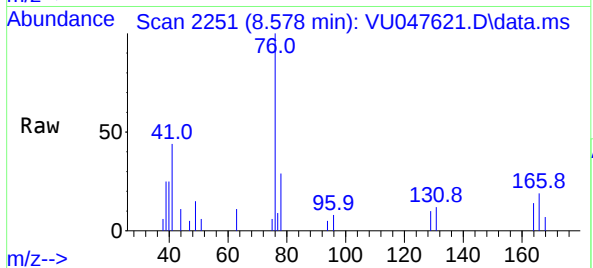
Ion	Ratio	Lower	Upper
76	100		
78	30.9	25.4	38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#54

2-Hexanone

Concen: 1.577 ug/l

RT: 8.697 min Scan# 2288

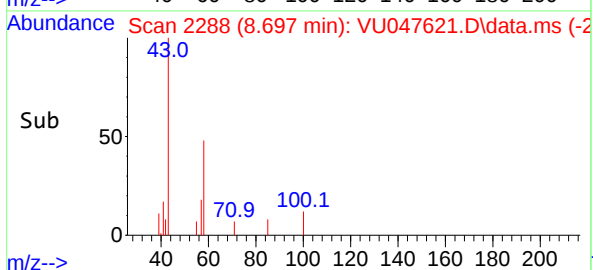
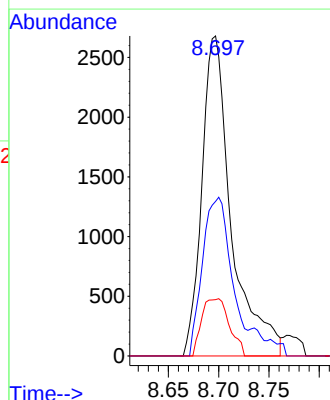
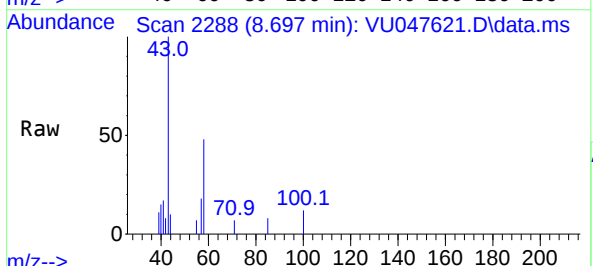
Delta R.T. 0.006 min

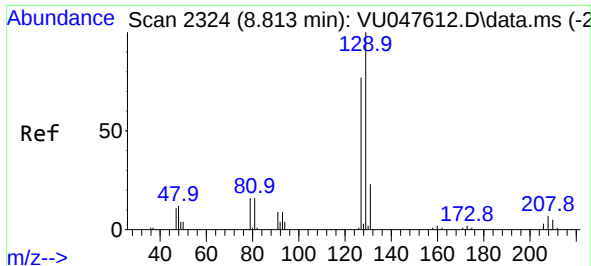
Lab File: VU047621.D

Acq: 18 Mar 2022 18:13

Tgt Ion: 43 Resp: 5473

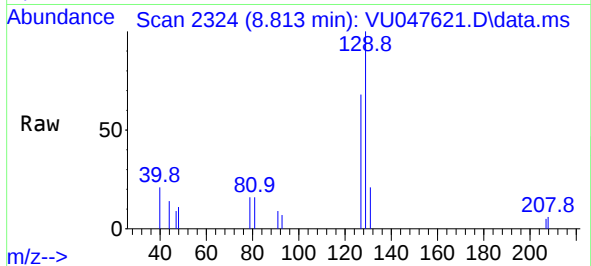
Ion	Ratio	Lower	Upper
43	100		
58	48.1	37.7	77.7
57	16.8	0.5	40.5





#55
Dibromochloromethane
Concen: 0.386 ug/l
RT: 8.813 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

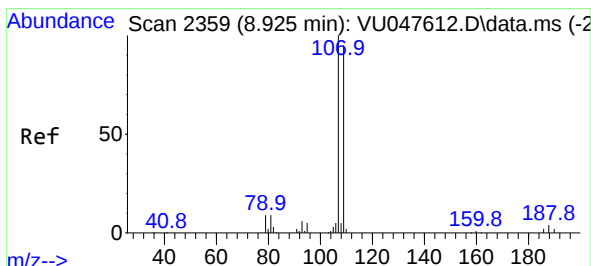
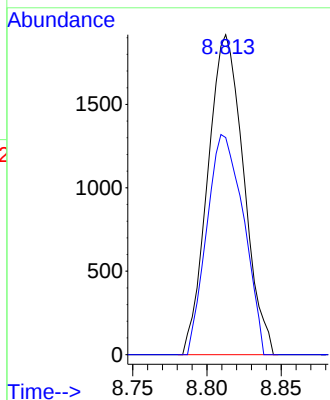
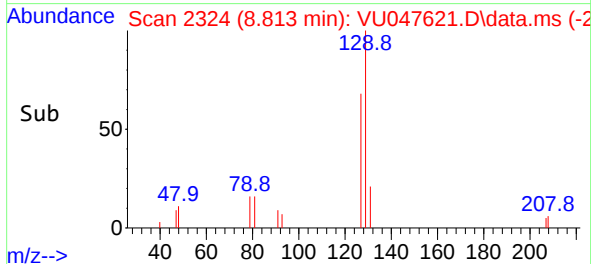
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



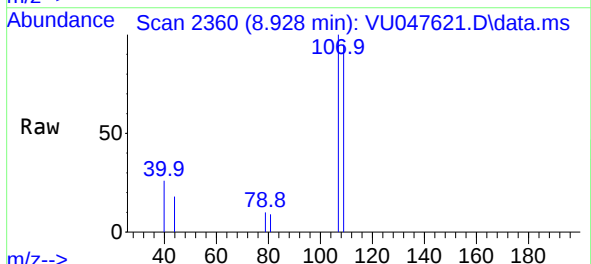
Tgt Ion:129 Resp: 322
Ion Ratio Lower Upper
129 100
127 70.4 62.2 93.4

Manual Integrations
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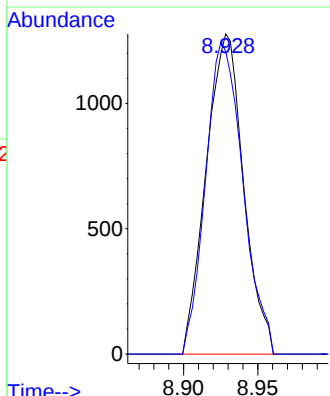
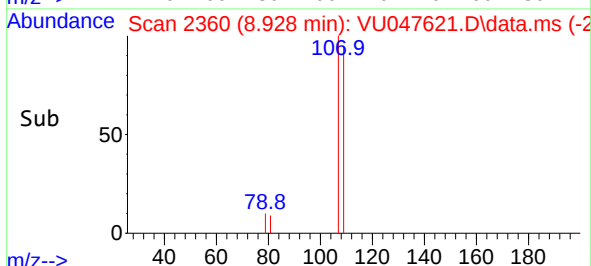
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

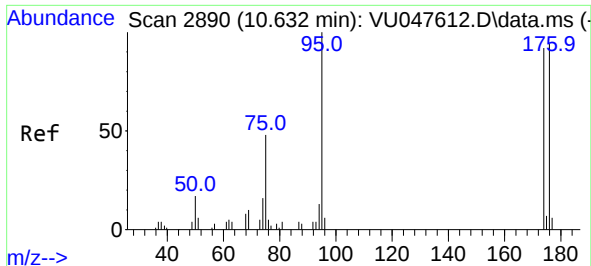


#56
1,2-Dibromoethane
Concen: 0.340 ug/l
RT: 8.928 min Scan# 2360
Delta R.T. 0.003 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13



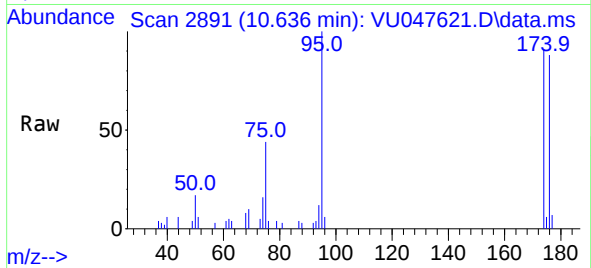
Tgt Ion:107 Resp: 2237
Ion Ratio Lower Upper
107 100
109 97.0 0.0 185.0





#57
4-Bromofluorobenzene
Concen: 0.878 ug/l
RT: 10.636 min Scan# 2890
Delta R.T. 0.003 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

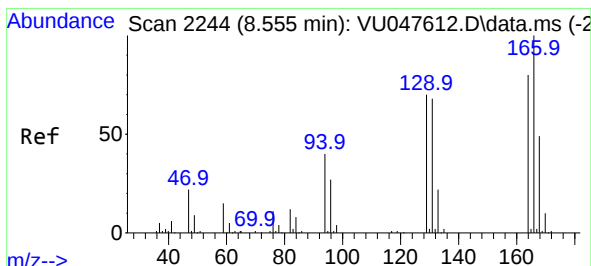
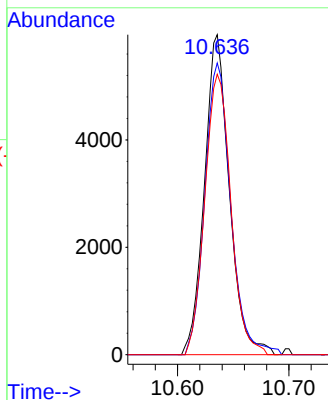
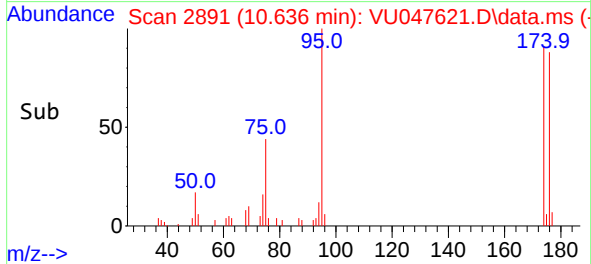
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 95 Resp: 9280
Ion Ratio Lower Upper
95 100
174 94.7 56.6 84.8
176 91.6 54.3 81.5

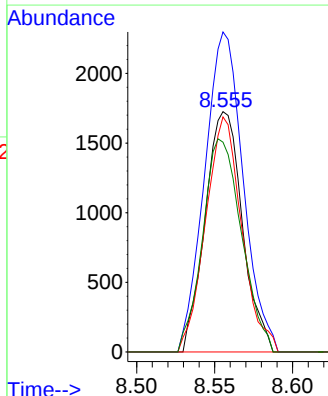
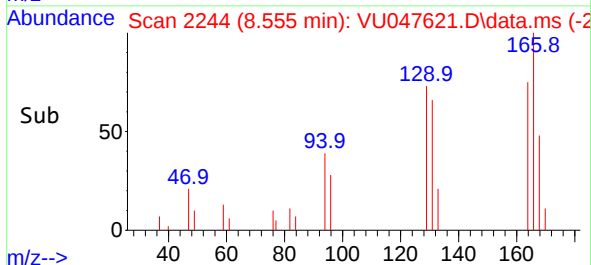
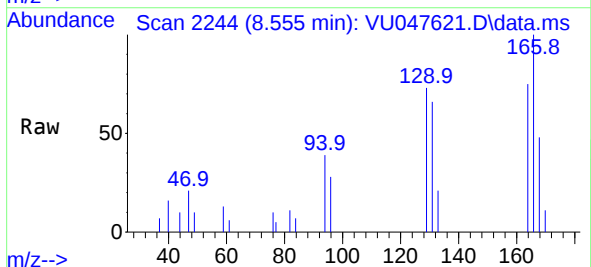
Manual Integrations
APPROVED

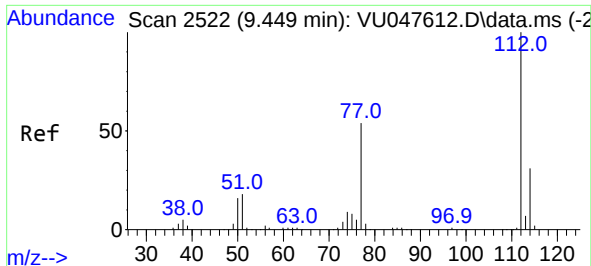
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#58
Tetrachloroethene
Concen: 0.348 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

Tgt Ion:164 Resp: 2858
Ion Ratio Lower Upper
164 100
166 133.1 102.0 153.0
129 97.8 77.1 115.7
131 87.3 75.8 113.6





#59

Chlorobenzene

Concen: 0.362 ug/l

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU047621.D

Acq: 18 Mar 2022 18:13

Instrument :

MSVOA_U

ClientSampleId :

LOD-MDL-WATER-01-QT1-2022

Tgt Ion:112 Resp: 7979

Ion Ratio Lower Upper

112 100

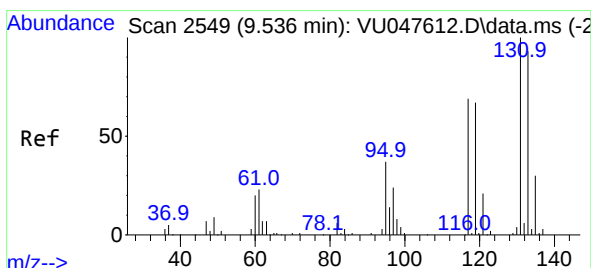
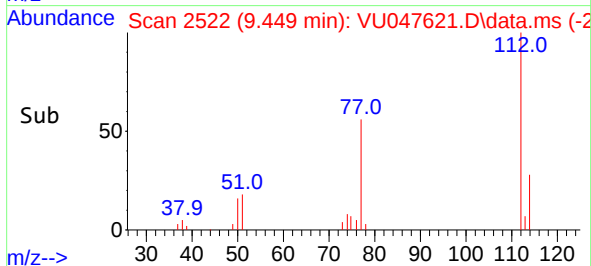
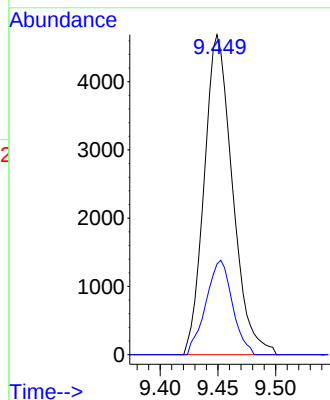
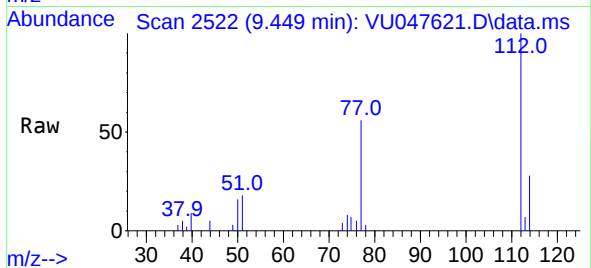
114 28.4 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#60

1,1,1,2-Tetrachloroethane

Concen: 0.360 ug/l

RT: 9.536 min Scan# 2549

Delta R.T. 0.000 min

Lab File: VU047621.D

Acq: 18 Mar 2022 18:13

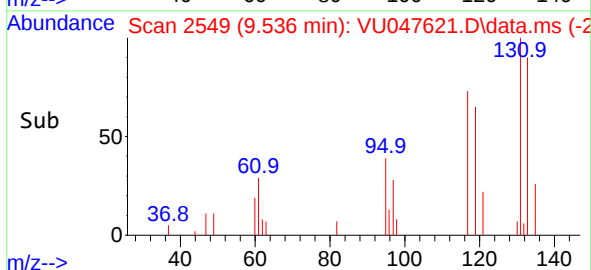
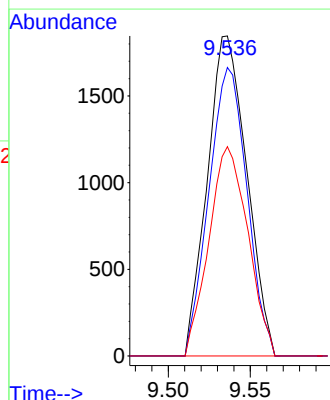
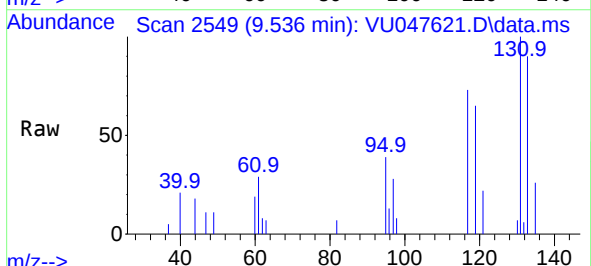
Tgt Ion:131 Resp: 3085

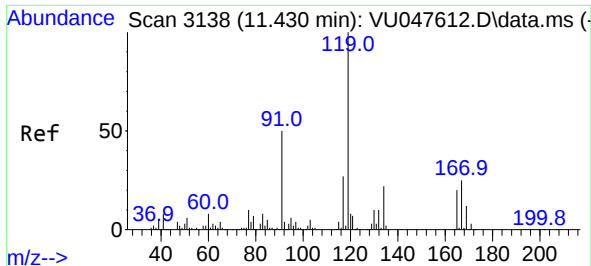
Ion Ratio Lower Upper

131 100

133 86.9 76.0 114.0

119 64.7 54.9 82.3





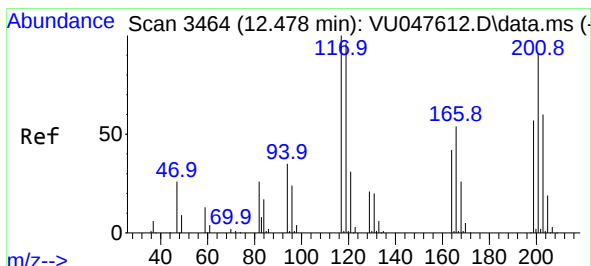
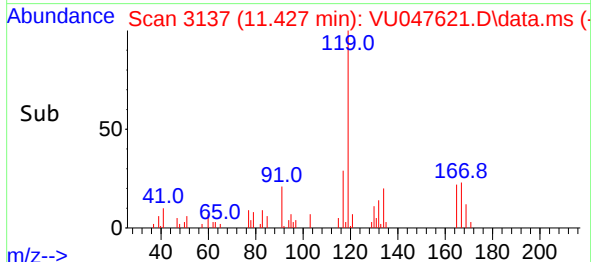
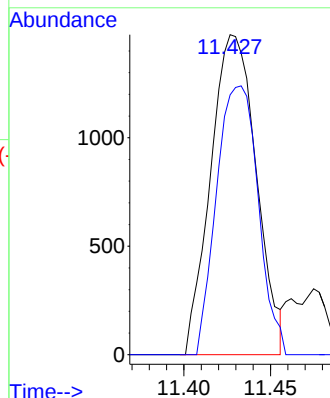
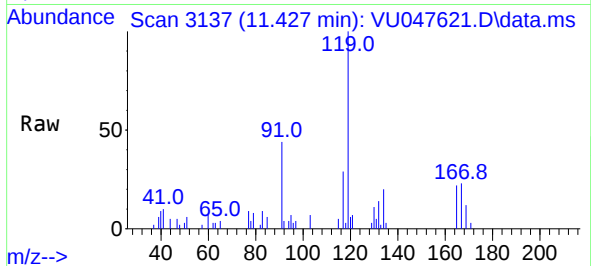
#61
Pentachloroethane
Concen: 0.373 ug/l
RT: 11.427 min Scan# 3138
Delta R.T. -0.003 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT1-2022

Tgt Ion:117 Resp: 2700
Ion Ratio Lower Upper
117 100
167 76.5 59.7 89.5

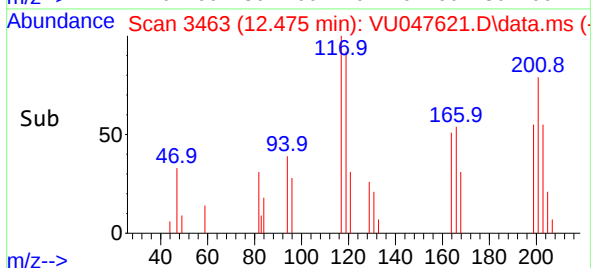
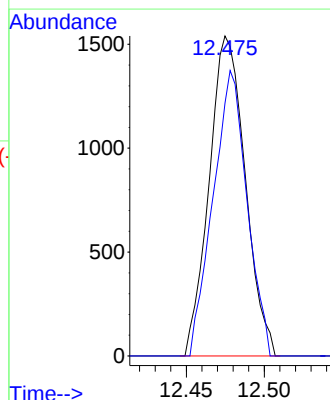
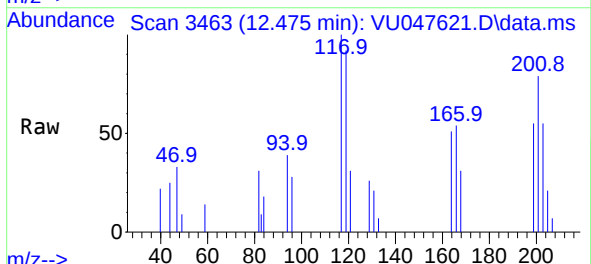
Manual Integrations
APPROVED

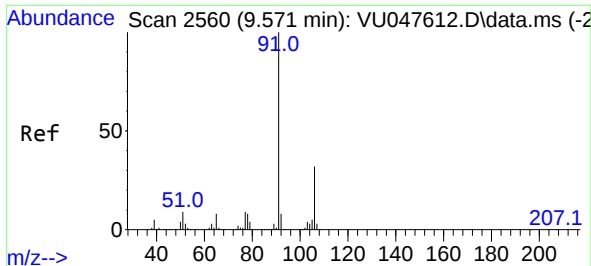
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#62
Hexachloroethane
Concen: 0.344 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. -0.003 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

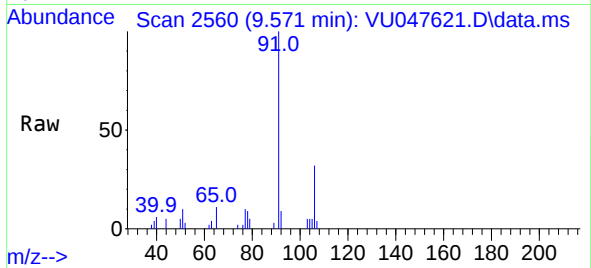
Tgt Ion:117 Resp: 2478
Ion Ratio Lower Upper
117 100
201 83.6 53.6 80.4#





#63
Ethyl Benzene
Concen: 0.310 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

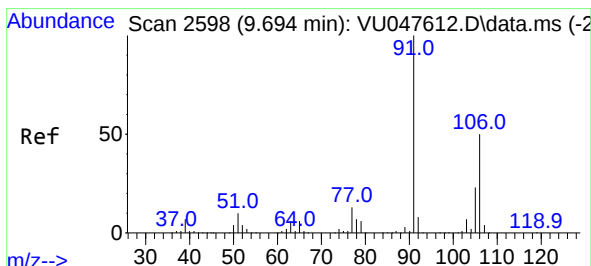
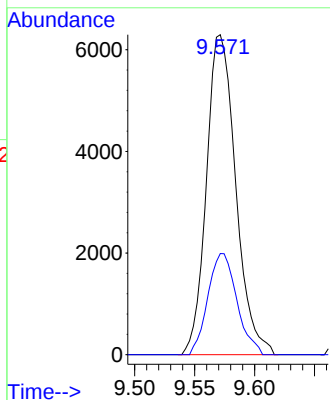
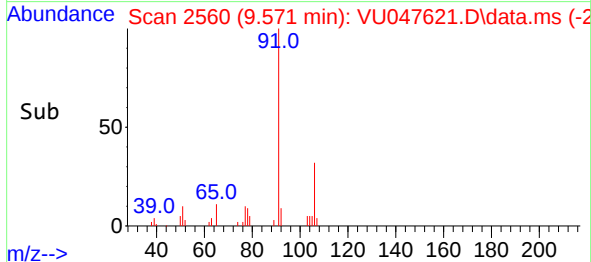
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



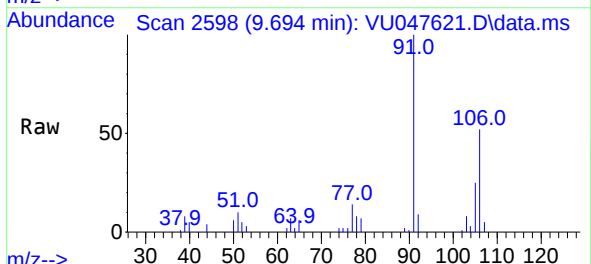
Tgt Ion: 91 Resp: 10700
Ion Ratio Lower Upper
91 100
106 31.6 24.4 36.6

Manual Integrations
APPROVED

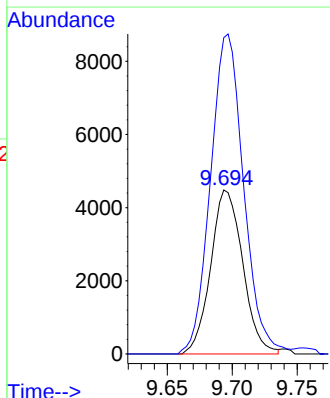
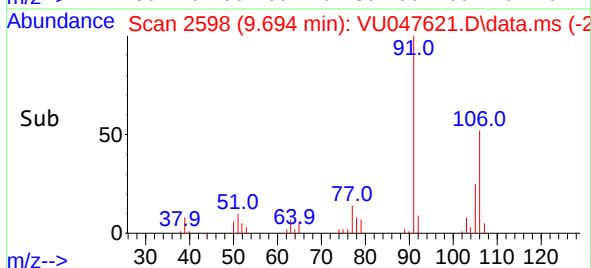
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

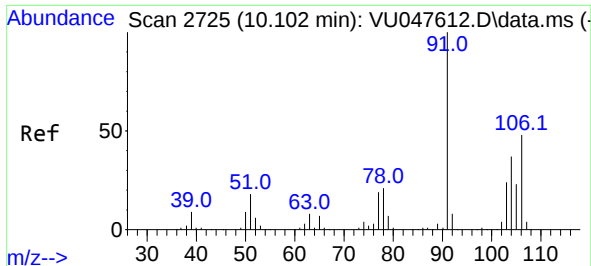


#64
m/p-Xylenes
Concen: 0.562 ug/l
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13



Tgt Ion:106 Resp: 7700
Ion Ratio Lower Upper
106 100
91 201.2 165.5 248.3





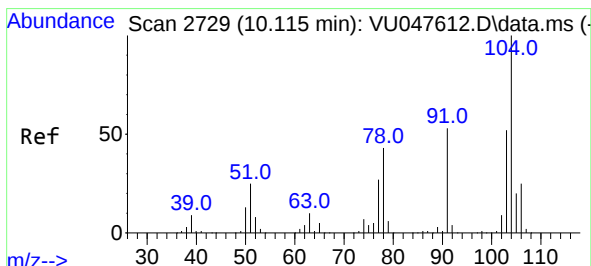
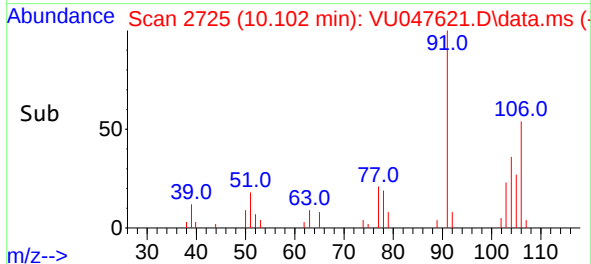
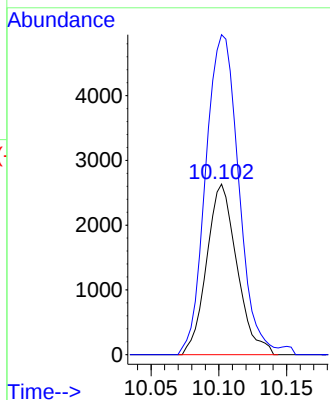
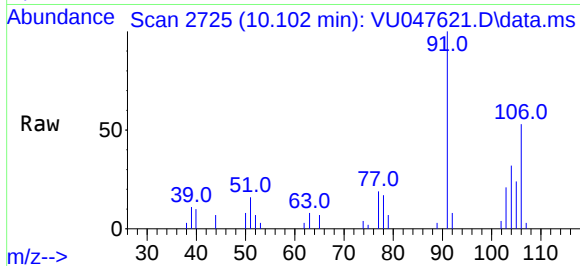
#65
o-Xylene
Concen: 0.316 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Tgt Ion:106 Resp: 410
Ion Ratio Lower Upper
106 100
91 204.1 109.4 328.2

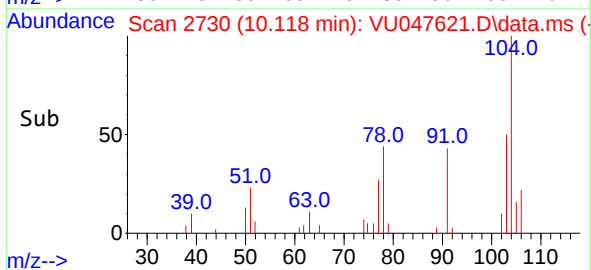
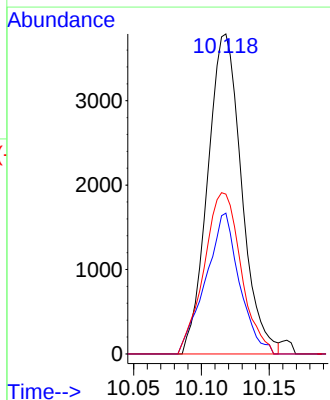
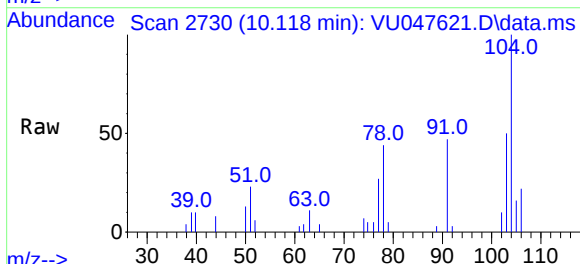
Manual Integrations
APPROVED

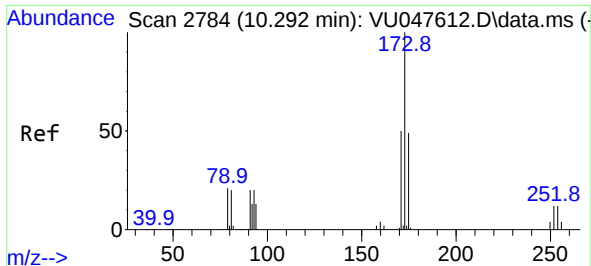
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#66
Styrene
Concen: 0.295 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

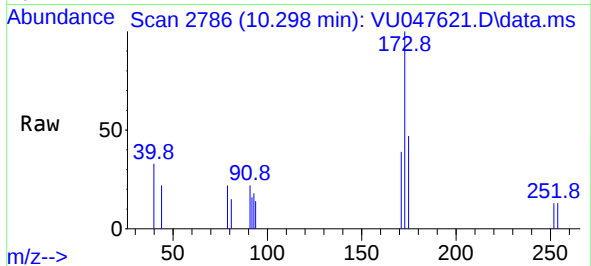
Tgt Ion:104 Resp: 6608
Ion Ratio Lower Upper
104 100
78 43.9 42.4 63.6
103 54.8 44.2 66.4





#67
Bromoform
Concen: 0.341 ug/l
RT: 10.298 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

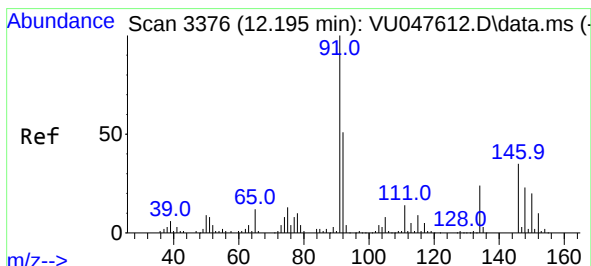
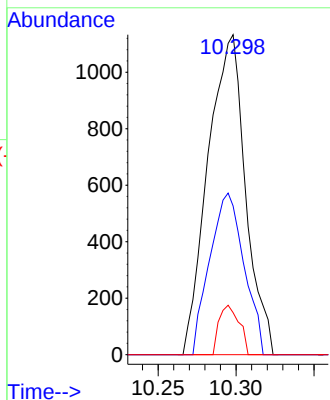
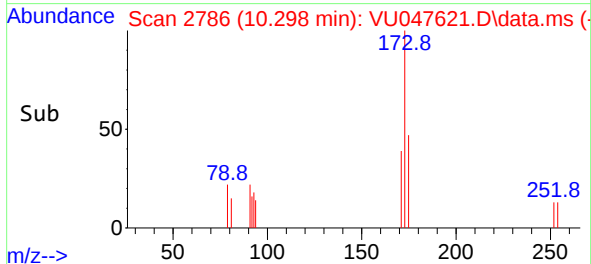
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



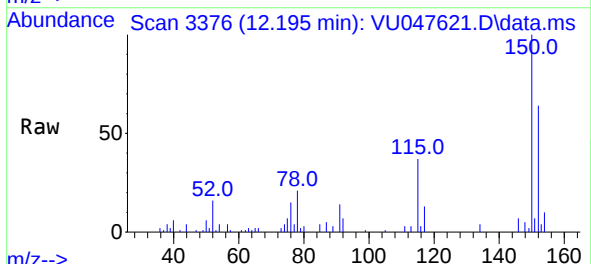
Tgt Ion:173 Resp: 1890
Ion Ratio Lower Upper
173 100
175 46.1 39.0 58.4
254 8.3 5.5 8.3

Manual Integrations
APPROVED

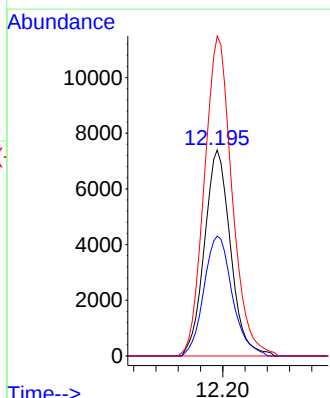
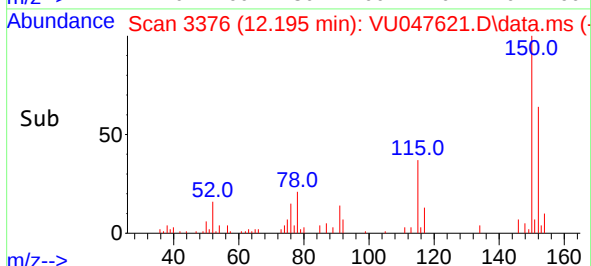
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

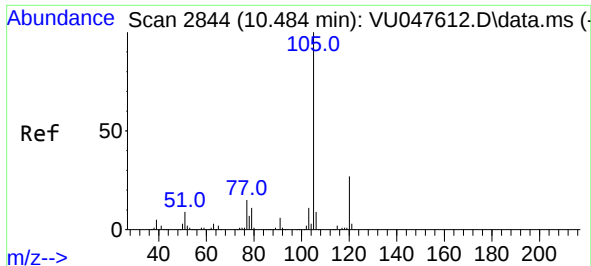


#68
1,2-Dichlorobenzene-d4
Concen: 0.939 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. 0.000 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13



Tgt Ion:152 Resp: 12028
Ion Ratio Lower Upper
152 100
115 63.4 0.0 251.0
150 164.5 0.0 613.8





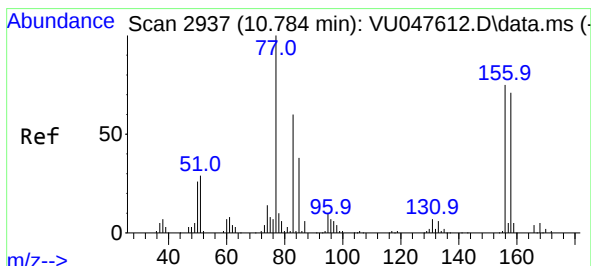
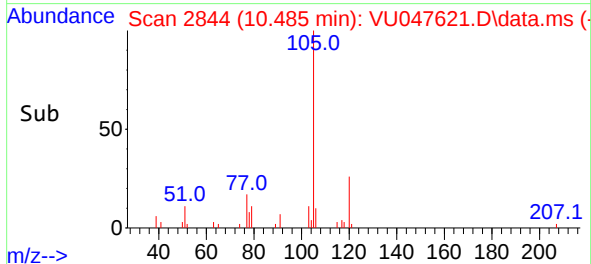
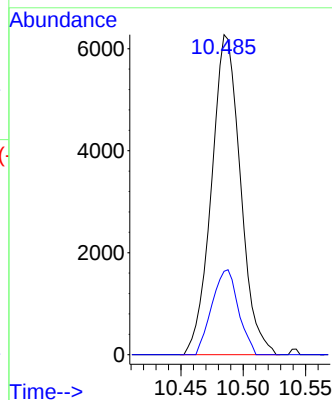
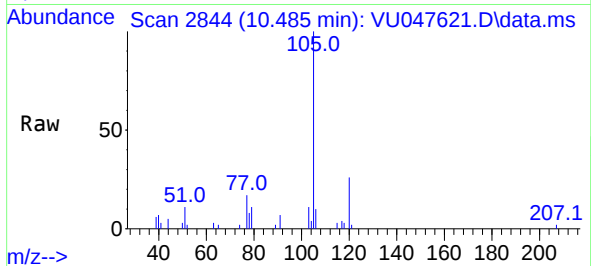
#69
Isopropylbenzene
Concen: 0.296 ug/l
RT: 10.485 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT1-2022

Tgt Ion:105 Resp: 10150
Ion Ratio Lower Upper
105 100
120 24.1 12.8 38.4

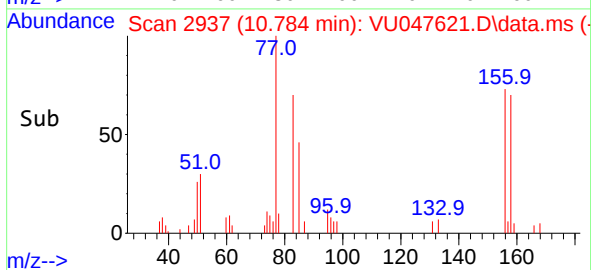
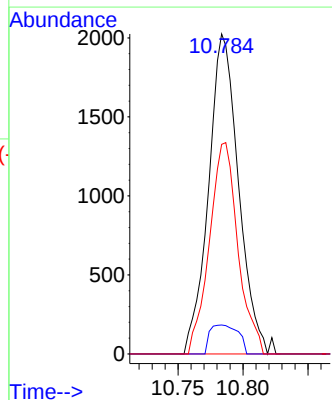
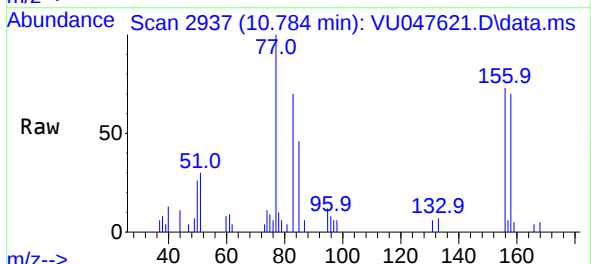
Manual Integrations
APPROVED

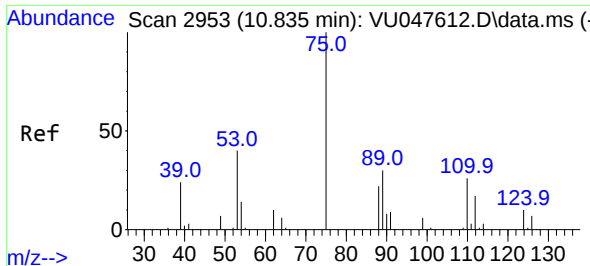
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#70
1,1,2,2-Tetrachloroethane
Concen: 0.370 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

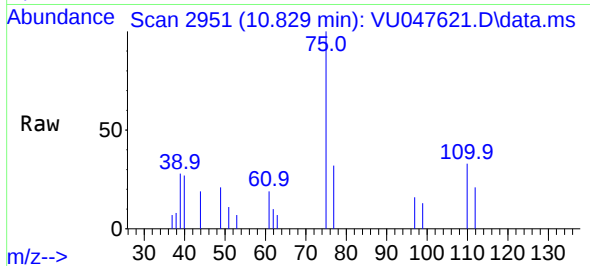
Tgt Ion: 83 Resp: 3257
Ion Ratio Lower Upper
83 100
131 8.5 7.6 11.4
85 62.5 50.9 76.3





#71
1,2,3-Trichloropropane
Concen: 0.337 ug/l m
RT: 10.829 min Scan# 2951
Delta R.T. -0.006 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

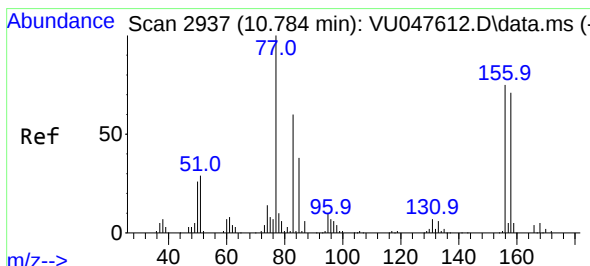
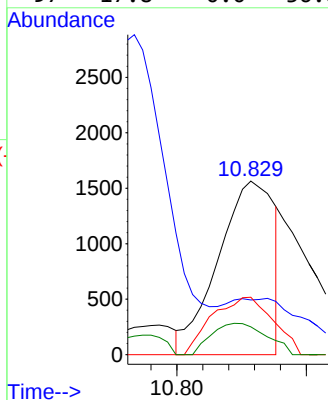
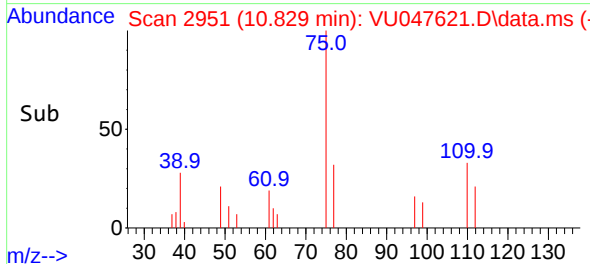
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT1-2022



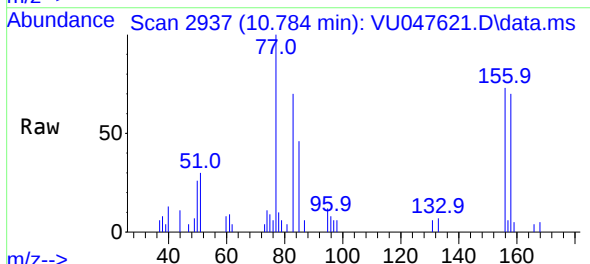
Tgt Ion:	75	Resp:	234
Ion	Ratio	Lower	Upper
75	100		
77	20.5	0.0	105.6
110	36.2	0.0	71.2
97	17.8	0.0	36.8

Manual Integrations
APPROVED

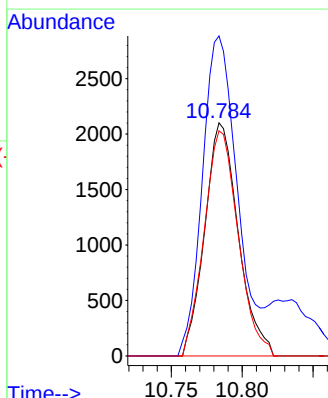
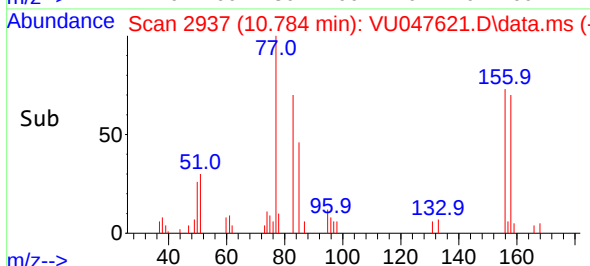
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

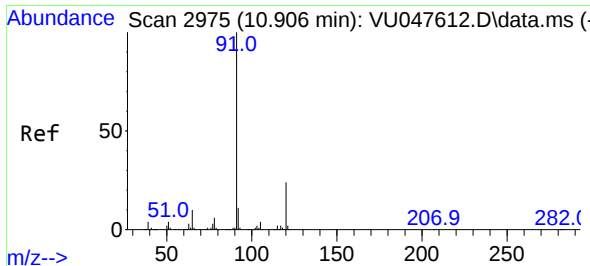


#72
Bromobenzene
Concen: 0.336 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13



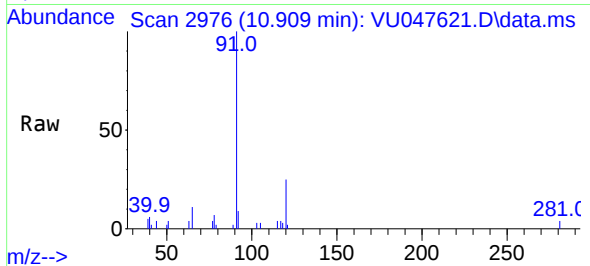
Tgt Ion:	156	Resp:	3463
Ion	Ratio	Lower	Upper
156	100		
77	140.9	0.0	370.6
158	97.8	0.0	193.4





#73
n-propylbenzene
Concen: 0.274 ug/l
RT: 10.909 min Scan# 2975
Delta R.T. 0.003 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

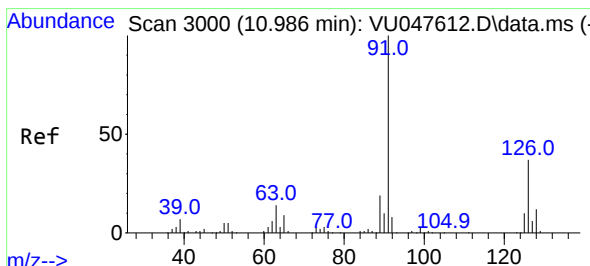
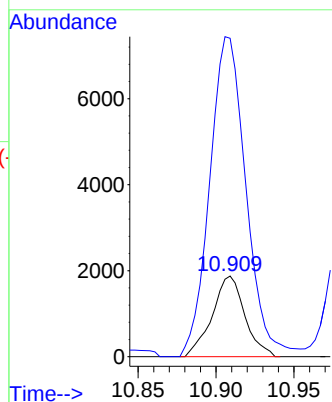
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



Tgt Ion:120 Resp: 273
Ion Ratio Lower Upper
120 100
91 441.5 370.7 556.1

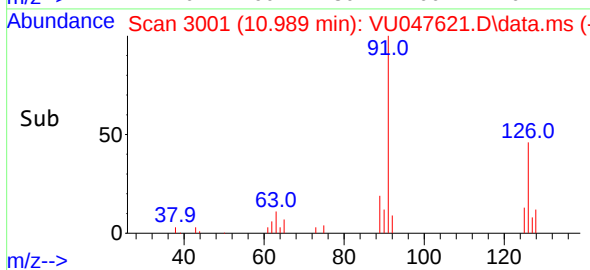
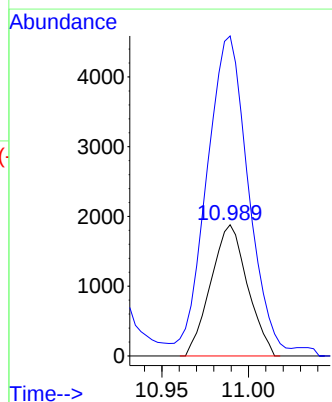
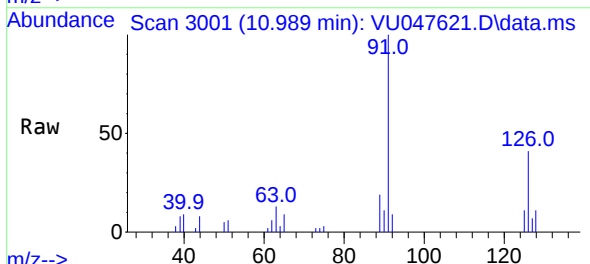
Manual Integrations
APPROVED

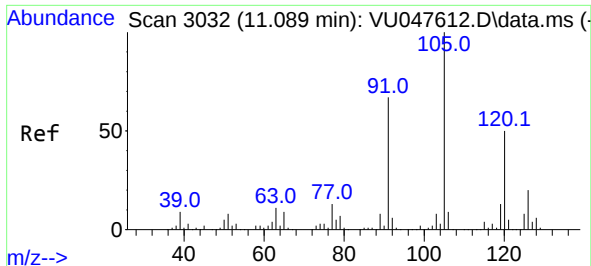
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#74
2-Chlorotoluene
Concen: 0.302 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.003 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

Tgt Ion:126 Resp: 2762
Ion Ratio Lower Upper
126 100
91 265.2 0.0 639.6





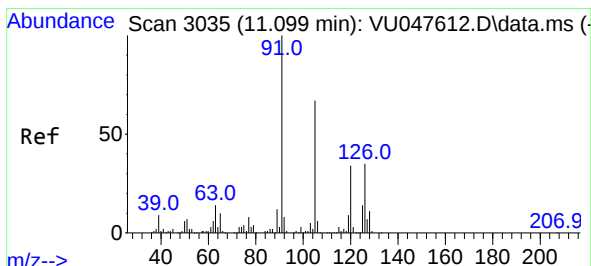
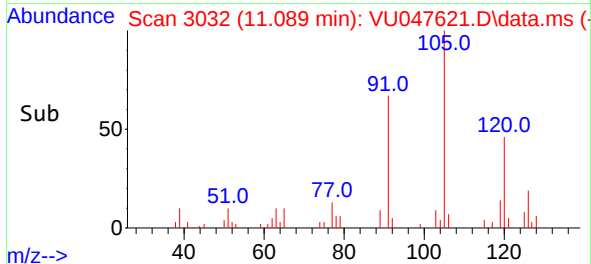
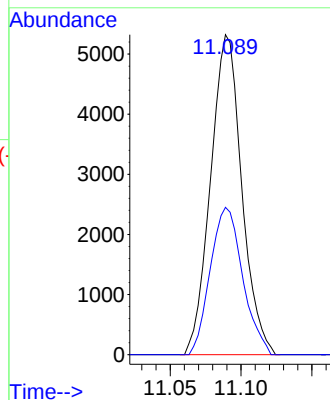
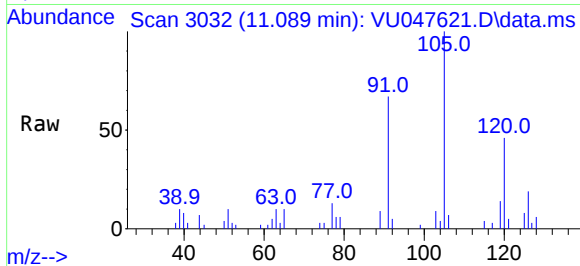
#75
1,3,5-Trimethylbenzene
Concen: 0.279 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Tgt Ion:105 Resp: 8150
Ion Ratio Lower Upper
105 100
120 47.7 38.6 58.0

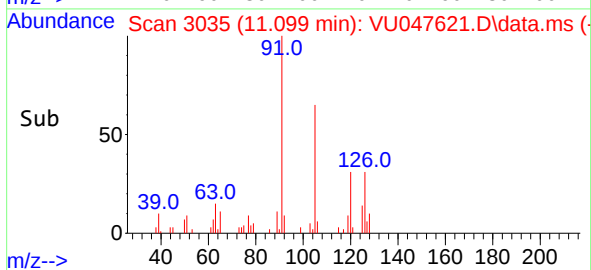
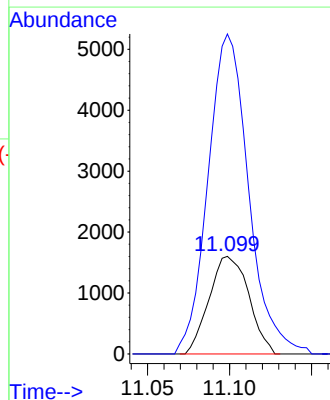
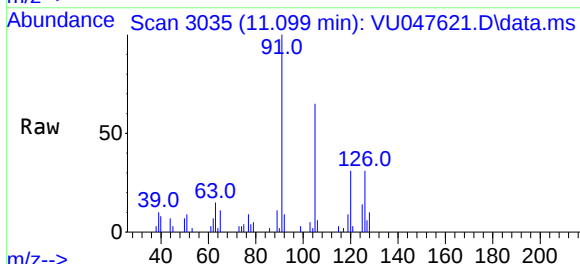
Manual Integrations
APPROVED

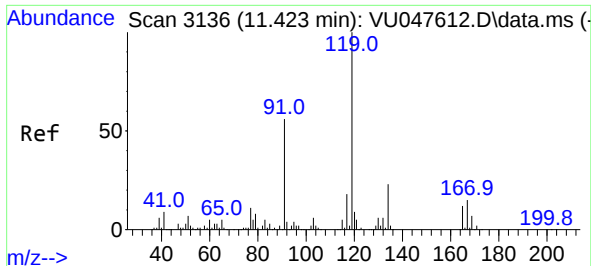
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#76
4-Chlorotoluene
Concen: 0.275 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

Tgt Ion:126 Resp: 2684
Ion Ratio Lower Upper
126 100
91 336.0 0.0 728.0





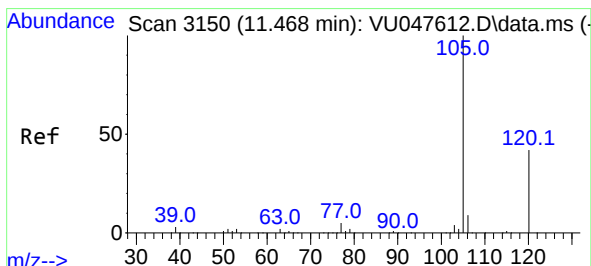
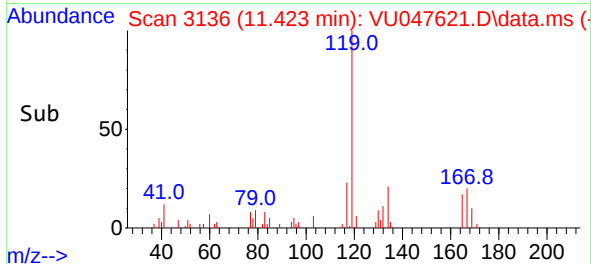
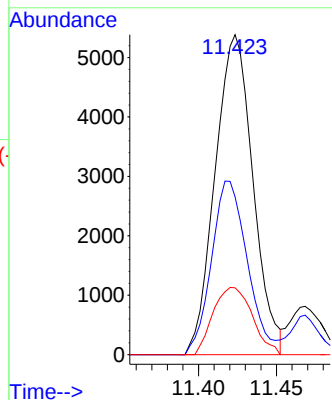
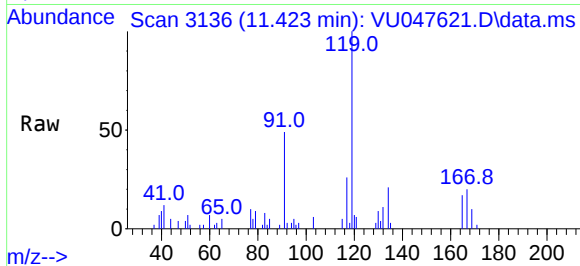
#77
tert-Butylbenzene
Concen: 0.304 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Tgt Ion:119 Resp: 9090
Ion Ratio Lower Upper
119 100
91 51.2 31.4 94.3
134 21.7 18.5 27.7

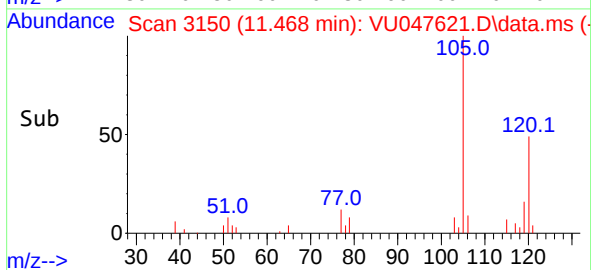
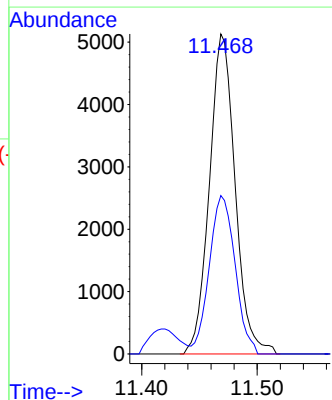
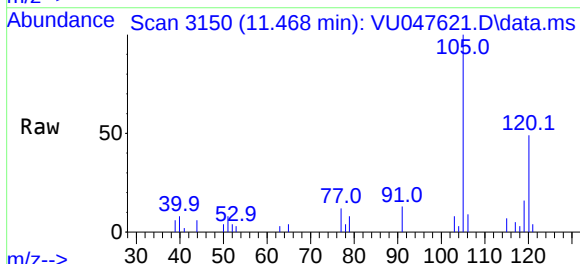
Manual Integrations
APPROVED

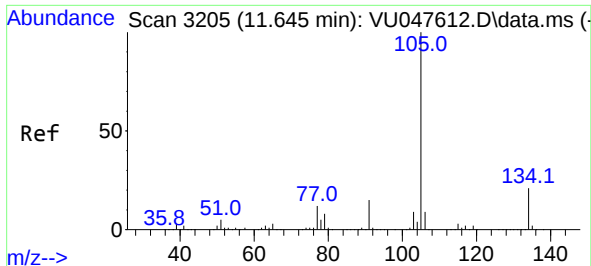
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#78
1,2,4-Trimethylbenzene
Concen: 0.266 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

Tgt Ion:105 Resp: 7949
Ion Ratio Lower Upper
105 100
120 49.5 22.3 66.8





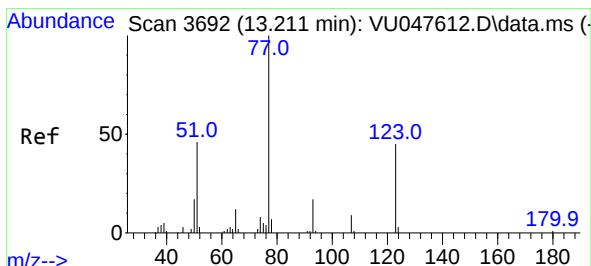
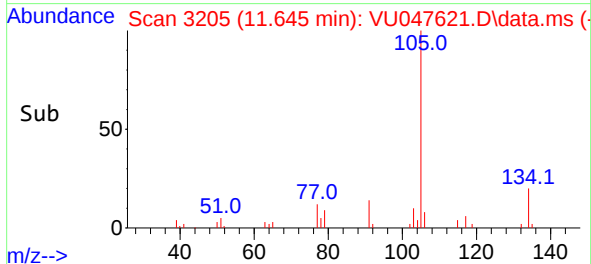
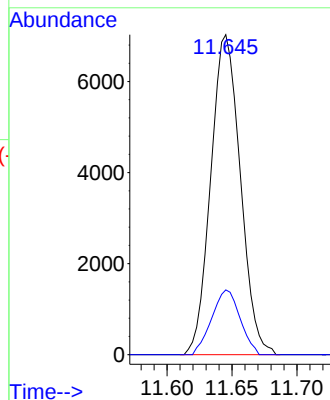
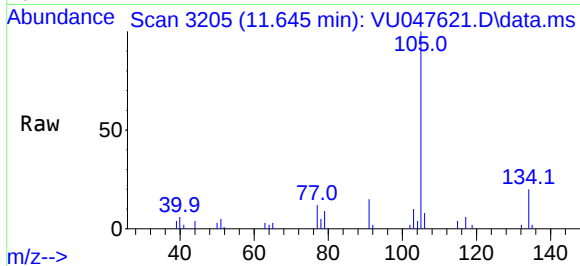
#79
 sec-Butylbenzene
 Concen: 0.285 ug/l
 RT: 11.645 min Scan# 3112
 Delta R.T. 0.000 min
 Lab File: VU047621.D
 Acq: 18 Mar 2022 18:13

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2022

Tgt Ion:105 Resp: 11128
 Ion Ratio Lower Upper
 105 100
 134 19.4 15.4 23.0

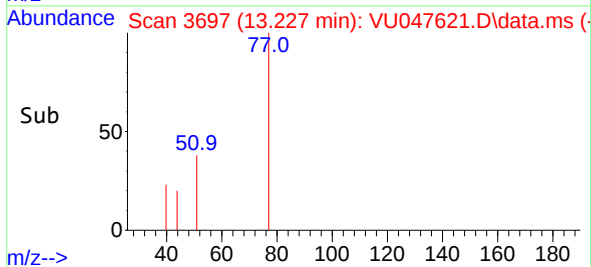
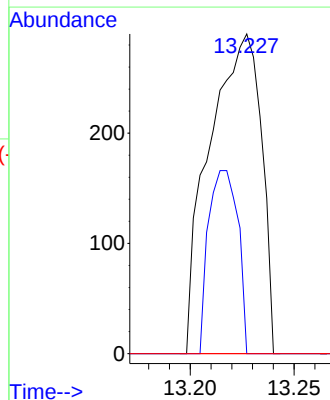
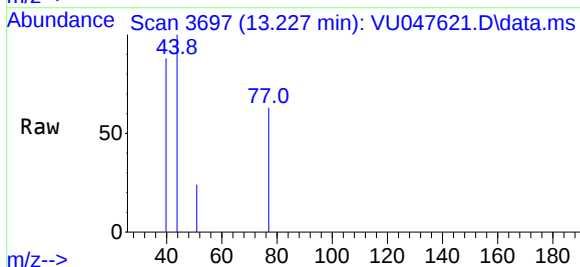
Manual Integrations
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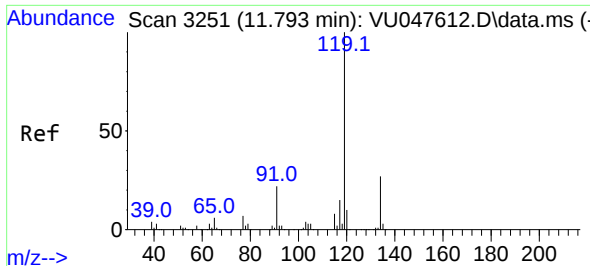
Reviewed By :John Carlone 03/31/2022
 Supervised By :Mahesh Dadoda 03/31/2022



#80
 Nitrobenzene
 Concen: 1.393 ug/l
 RT: 13.227 min Scan# 3697
 Delta R.T. 0.016 min
 Lab File: VU047621.D
 Acq: 18 Mar 2022 18:13

Tgt Ion: 77 Resp: 501
 Ion Ratio Lower Upper
 77 100
 123 32.5 18.2 64.4
 65 0.0 12.0 15.2#





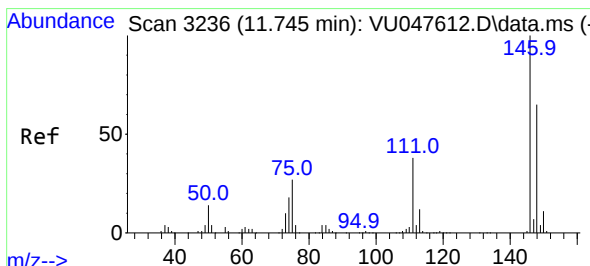
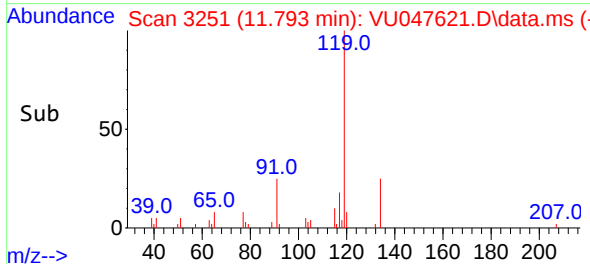
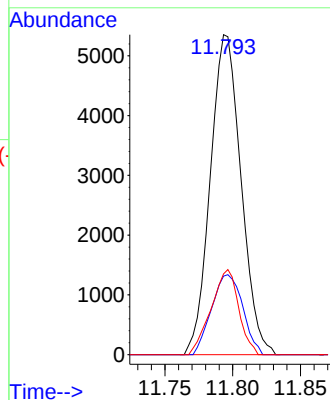
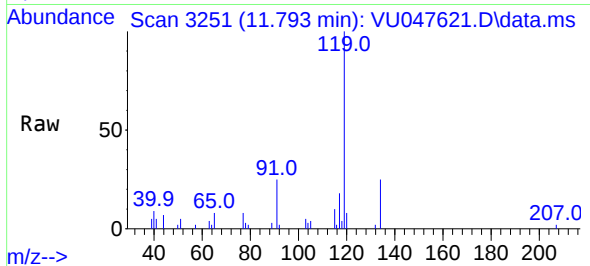
#81
p-Isopropyltoluene
Concen: 0.257 ug/l
RT: 11.793 min Scan# 3119
Delta R.T. 0.000 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT1-2022

Tgt Ion:	119	Resp:	844
Ion Ratio	Lower	Upper	
119	100		
134	25.3	20.2	30.4
91	23.8	19.9	29.9

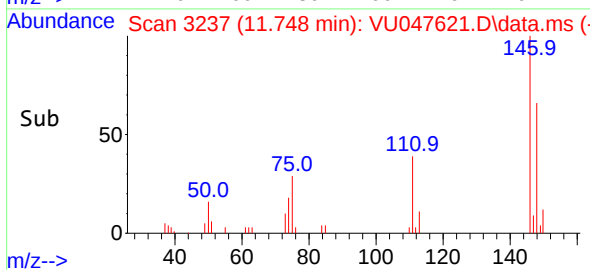
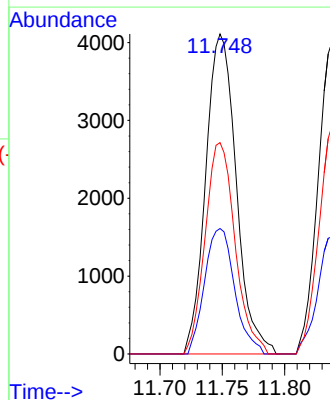
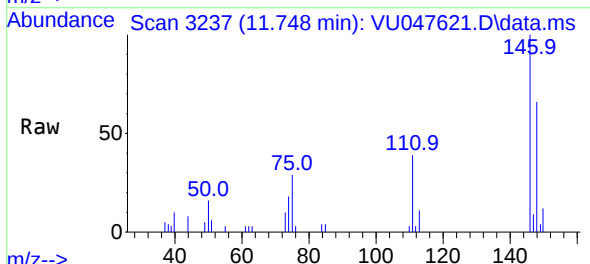
Manual Integrations
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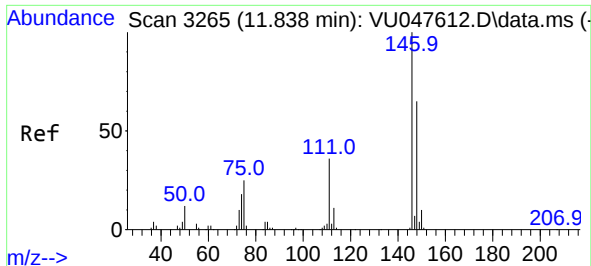
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#82
1,3-Dichlorobenzene
Concen: 0.344 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.003 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

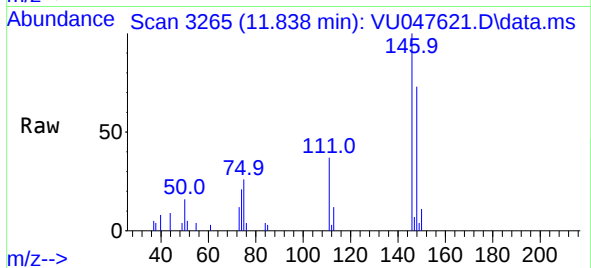
Tgt Ion:	146	Resp:	7002
Ion Ratio	Lower	Upper	
146	100		
111	38.6	33.9	50.9
148	64.9	50.9	76.3





#83
1,4-Dichlorobenzene
Concen: 0.340 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

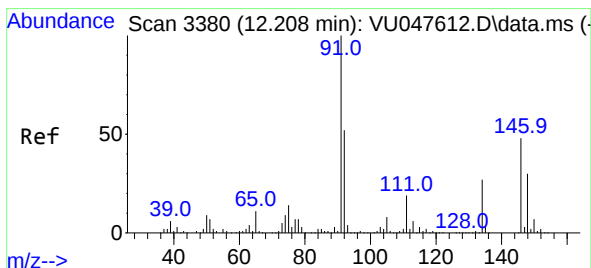
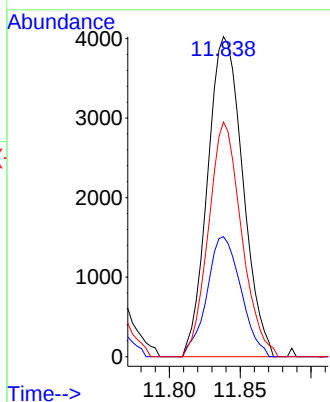
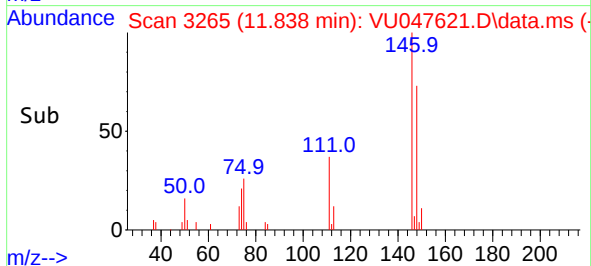
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT1-2022



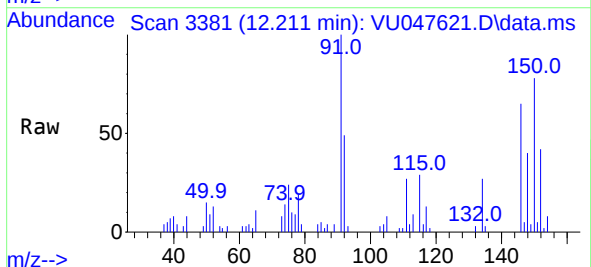
Tgt Ion:146 Resp: 6950
Ion Ratio Lower Upper
146 100
111 36.2 32.7 49.1
148 68.8 51.4 77.0

Manual Integrations
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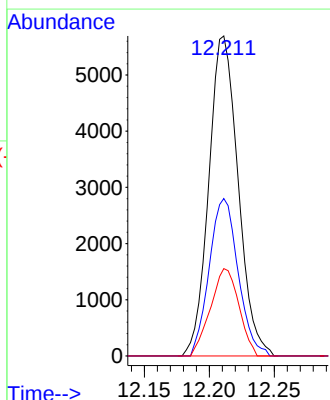
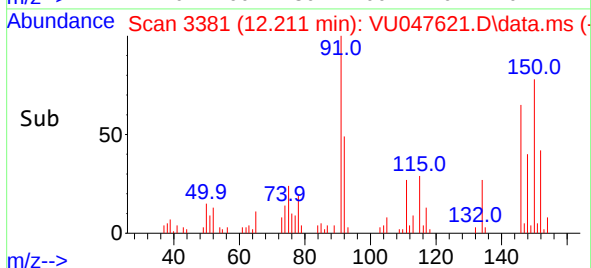
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

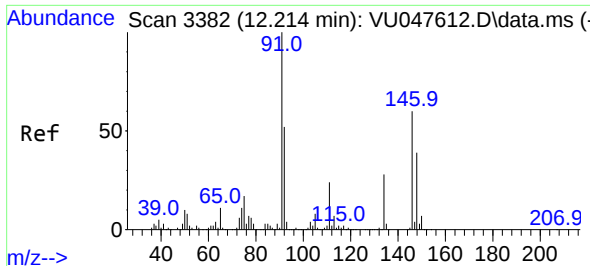


#84
n-Butylbenzene
Concen: 0.289 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13



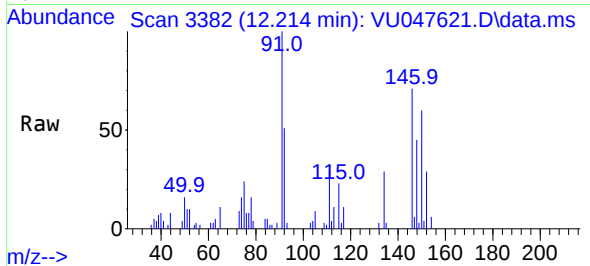
Tgt Ion: 91 Resp: 8935
Ion Ratio Lower Upper
91 100
92 48.4 43.5 65.3
134 26.4 19.0 28.4





#85
1,2-Dichlorobenzene
Concen: 0.347 ug/l
RT: 12.214 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

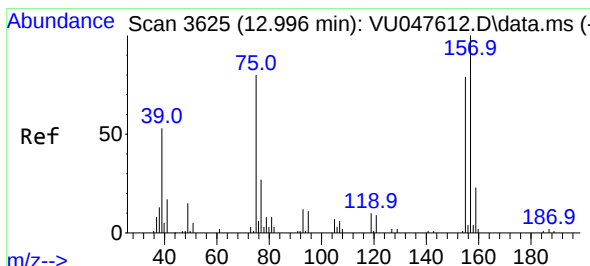
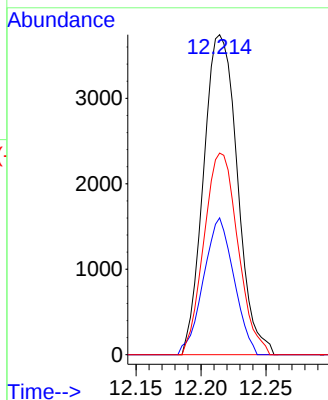
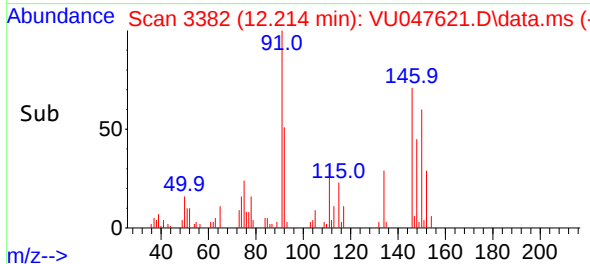
Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



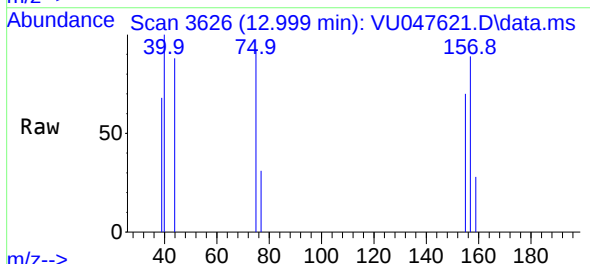
Tgt Ion:146 Resp: 678
Ion Ratio Lower Upper
146 100
111 38.5 22.1 66.1
148 63.3 31.6 94.7

Manual Integrations
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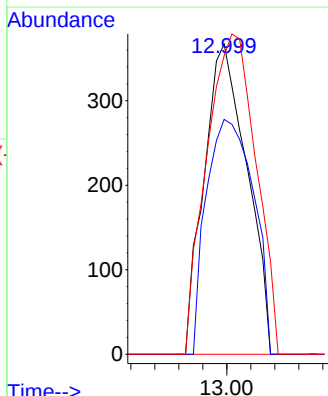
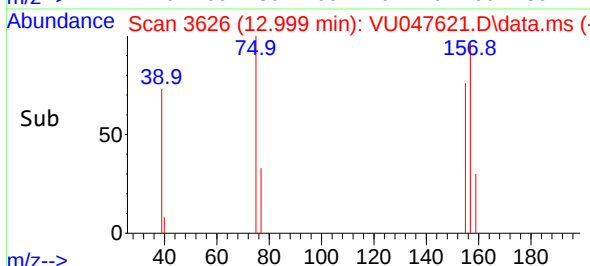
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

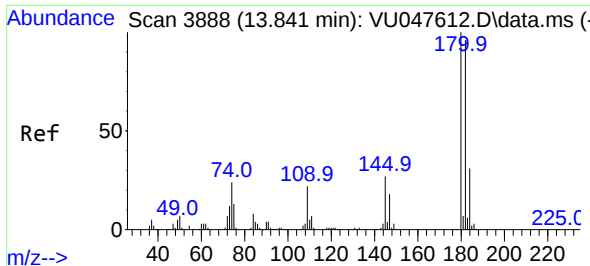


#86
1,2-Dibromo-3-Chloropropane
Concen: 0.306 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.003 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13



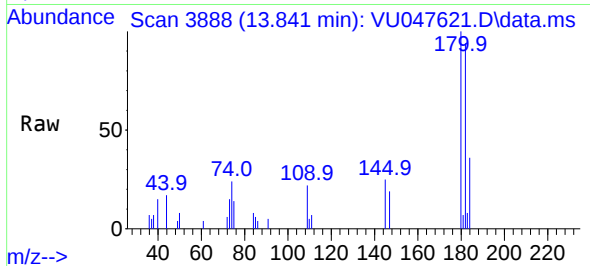
Tgt Ion: 75 Resp: 455
Ion Ratio Lower Upper
75 100
155 83.3 57.8 86.8
157 118.7 75.1 112.7#





#87
1,2,4-Trichlorobenzene
Concen: 0.332 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

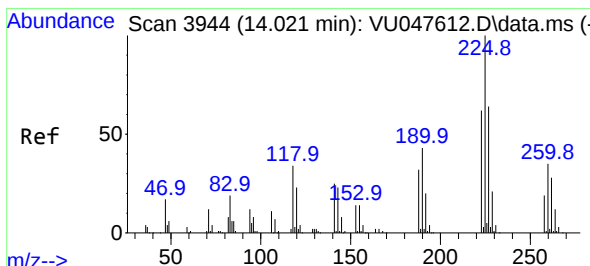
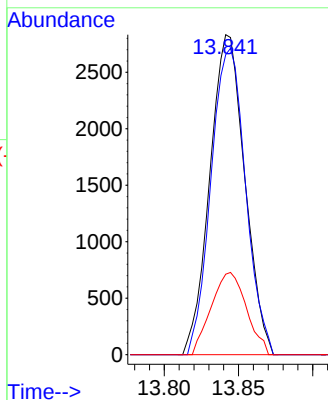
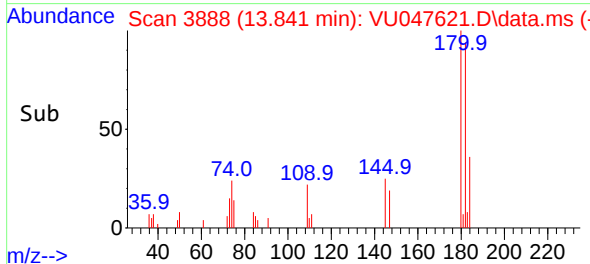
Instrument : MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



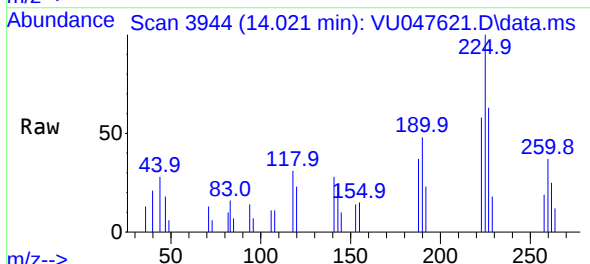
Tgt Ion:180 Resp: 4630
Ion Ratio Lower Upper
180 100
182 94.7 75.8 113.8
145 25.9 25.3 37.9

Manual Integrations
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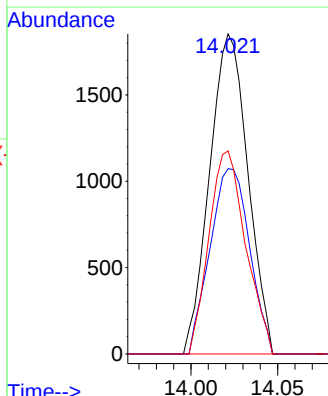
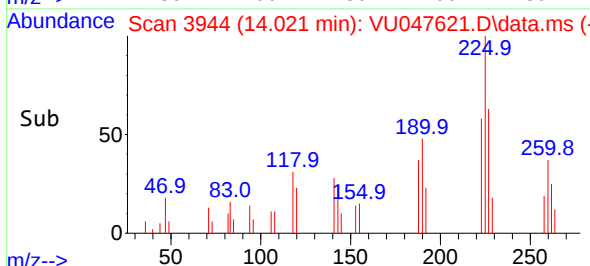
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

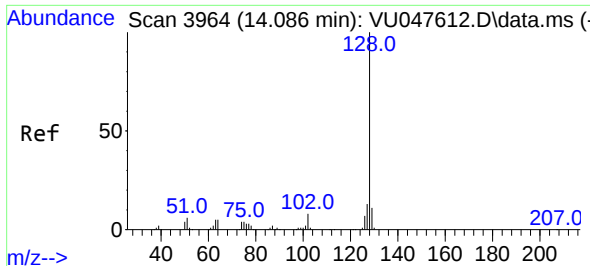


#88
Hexachlorobutadiene
Concen: 0.339 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13



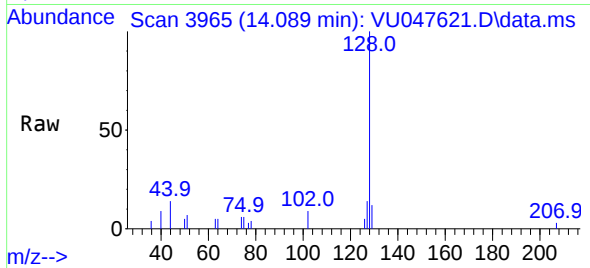
Tgt Ion:225 Resp: 2843
Ion Ratio Lower Upper
225 100
223 59.8 51.1 76.7
227 61.0 49.9 74.9





#89
Naphthalene
Concen: 0.271 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

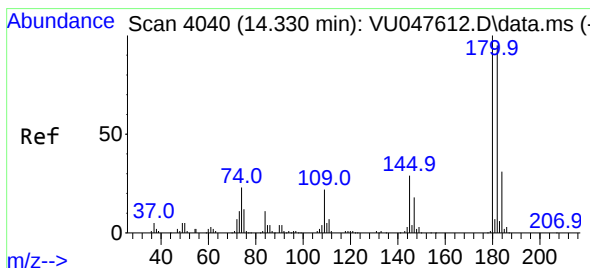
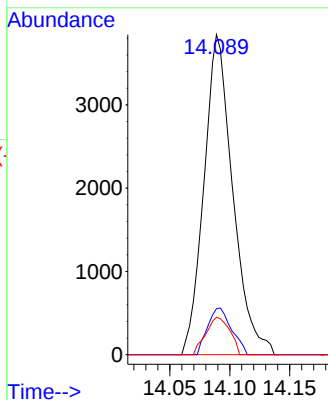
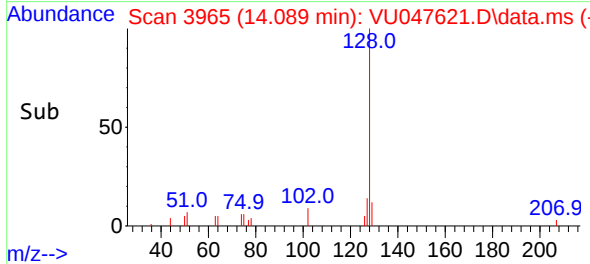
Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT1-2022



Tgt Ion:128 Resp: 6429
Ion Ratio Lower Upper
128 100
127 12.1 10.6 16.0
129 9.7 8.6 13.0

Manual Integrations
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Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#90
1,2,3-Trichlorobenzene
Concen: 0.324 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047621.D
Acq: 18 Mar 2022 18:13

Tgt Ion:180 Resp: 4259
Ion Ratio Lower Upper
180 100
182 88.9 75.4 113.0
145 28.3 27.0 40.4

