

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031822\
 Data File : VU047619.D
 Acq On : 18 Mar 2022 17:18
 Operator : SY/MD
 Sample : N1645-08 1.00PPB
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT1-2022

Quant Time: Mar 19 05:56:19 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	30189	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	9943	0.884	ug/l	0.00
Spiked Amount 1.000			Recovery	=	88.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	12703	0.931	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	11264	1.033	ug/l	95
3) Chloromethane	1.530	50	11269	1.058	ug/l	100
4) Vinyl Chloride	1.607	62	10385	1.004	ug/l	99
5) Bromomethane	1.861	94	5727	0.944	ug/l	95
6) Chloroethane	1.938	64	6415	1.038	ug/l	99
7) Trichlorofluoromethane	2.144	101	14271	0.998	ug/l	96
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	8293	1.015	ug/l	92
9) 1,1-Dichloroethene	2.588	96	8018	0.993	ug/l	86
10) Iodomethane	2.729	142	3333	1.010	ug/l	93
11) Allyl Chloride	2.929	41	10620	1.046	ug/l	100
12) Acrylonitrile	3.324	53	3683	2.067	ug/l	98
13) Acetone	2.639	43	5334m	4.402	ug/l	
14) Carbon Disulfide	2.800	76	26222	1.028	ug/l	99
15) Methylene Chloride	3.051	84	15259	1.299	ug/l	95
16) trans-1,2-Dichloroethene	3.356	96	8968	1.056	ug/l	86
17) 1,1-Dichloroethane	3.877	63	14529	1.008	ug/l	99
18) 2-Butanone	4.726	43	7863	4.166	ug/l	96
19) Cyclohexane	5.391	56	10963m	1.014	ug/l	
20) Methylcyclohexane	6.764	83	11338	0.914	ug/l	100
21) 2,2-Dichloropropane	4.671	77	12829	1.013	ug/l	95
22) cis-1,2-Dichloroethene	4.674	96	8991	0.975	ug/l	88
23) Diethyl Ether	2.382	59	6046	1.025	ug/l	94
24) tert-Butyl Alcohol	3.218	59	3895m	9.574	ug/l	
25) Methyl tert-Butyl Ether	3.369	73	20627	1.050	ug/l	95
26) Bromochloromethane	4.980	128	4635	0.994	ug/l	83
27) Chloroform	5.092	83	16363	1.051	ug/l	99
28) 1,1,1-Trichloroethane	5.321	97	13746	1.016	ug/l	96
29) 1,1-Dichloropropene	5.530	75	10751	0.981	ug/l	95
30) Carbon Tetrachloride	5.530	117	12879	1.069	ug/l	94
31) Isopropyl Ether	4.006	45	19000	0.993	ug/l	93
32) Ethyl-t-butyl ether	4.514	59	19600	1.015	ug/l	93
33) Tert-Amyl methyl ether	5.948	73	17441	0.961	ug/l	99
34) Propionitrile	4.803	54	2302m	4.512	ug/l	
35) Benzene	5.777	78	33842	1.032	ug/l	100
36) 1,2-Dichloroethane	5.800	62	10253	1.034	ug/l	97
37) Trichloroethene	6.546	130	9590	1.012	ug/l	92
38) 1,2-Dichloropropane	6.793	63	8255	0.977	ug/l	96
39) Methacrylonitrile	4.986	41	2272	0.961	ug/l	97
40) Methyl acrylate	4.861	55	3931	0.984	ug/l	# 92
41) Tetrahydrofuran	5.076	42	2096	1.747	ug/l	# 82
42) 1-Chlorobutane	5.462	56	14193	1.005	ug/l	98
43) Dibromomethane	6.925	93	4966	0.981	ug/l	# 83
44) Bromodichloromethane	7.108	83	12017	1.024	ug/l	99

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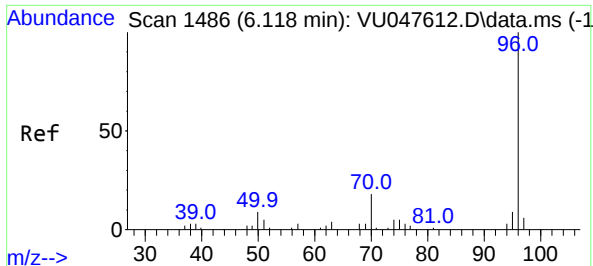
Quant Time: Mar 19 05:56:19 2022
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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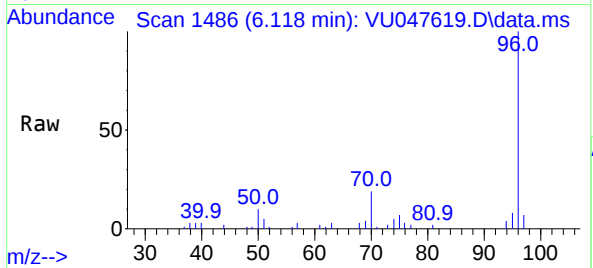
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.800	43	22357	4.419	ug/l	97
46) t-1,4-Dichloro-2-butene	10.835	75	5018m	2.283	ug/l	
47) Methyl methacrylate	6.967	69	7561	1.847	ug/l	89
48) Ethyl methacrylate	8.340	69	7159	0.928	ug/l	89
49) Toluene	7.973	92	20318	1.008	ug/l	99
50) t-1,3-Dichloropropene	8.214	75	10450	0.961	ug/l	91
51) cis-1,3-Dichloropropene	7.610	75	10982	0.917	ug/l	93
52) 1,1,2-Trichloroethane	8.404	97	6945	0.986	ug/l	97
53) 1,3-Dichloropropane	8.578	76	11755	1.025	ug/l	100
54) 2-Hexanone	8.694	43	17164	4.646	ug/l	95
55) Dibromochloromethane	8.813	129	9215	1.036	ug/l	97
56) 1,2-Dibromoethane	8.928	107	6961	0.993	ug/l	97
58) Tetrachloroethene	8.555	164	9143	1.047	ug/l	93
59) Chlorobenzene	9.449	112	23607	1.005	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.536	131	9367	1.027	ug/l	96
61) Pentachloroethane	11.430	117	7881	1.021	ug/l	87
62) Hexachloroethane	12.478	117	7297	0.952	ug/l #	66
63) Ethyl Benzene	9.571	91	34361	0.934	ug/l	100
64) m/p-Xylenes	9.697	106	25690	1.760	ug/l	96
65) o-Xylene	10.102	106	12574	0.910	ug/l	97
66) Styrene	10.118	104	20176	0.847	ug/l	96
67) Bromoform	10.292	173	5965	1.008	ug/l #	95
69) Isopropylbenzene	10.485	105	33012	0.903	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.784	83	9843	1.049	ug/l	98
71) 1,2,3-Trichloropropane	10.829	75	6310m	0.852	ug/l	
72) Bromobenzene	10.784	156	10797	0.985	ug/l	78
73) n-propylbenzene	10.909	120	9301	0.876	ug/l	90
74) 2-Chlorotoluene	10.986	126	9306	0.955	ug/l	81
75) 1,3,5-Trimethylbenzene	11.089	105	27846	0.894	ug/l	97
76) 4-Chlorotoluene	11.099	126	10051	0.969	ug/l	72
77) tert-Butylbenzene	11.420	119	30049	0.943	ug/l	91
78) 1,2,4-Trimethylbenzene	11.468	105	28819	0.905	ug/l	98
79) sec-Butylbenzene	11.645	105	37679	0.907	ug/l	97
80) Nitrobenzene	13.214	77	1700	4.438	ug/l #	91
81) p-Isopropyltoluene	11.796	119	30927	0.884	ug/l	95
82) 1,3-Dichlorobenzene	11.748	146	21555	0.995	ug/l	95
83) 1,4-Dichlorobenzene	11.838	146	21551	0.989	ug/l	97
84) n-Butylbenzene	12.211	91	28878	0.878	ug/l	94
85) 1,2-Dichlorobenzene	12.214	146	21279	1.022	ug/l	95
86) 1,2-Dibromo-3-Chloropr...	12.999	75	1509	0.954	ug/l #	59
87) 1,2,4-Trichlorobenzene	13.841	180	13973	0.940	ug/l	96
88) Hexachlorobutadiene	14.025	225	8363	0.937	ug/l	96
89) Naphthalene	14.089	128	21262	0.842	ug/l	99
90) 1,2,3-Trichlorobenzene	14.333	180	13384	0.955	ug/l	96

(#) = 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: VU047619.D
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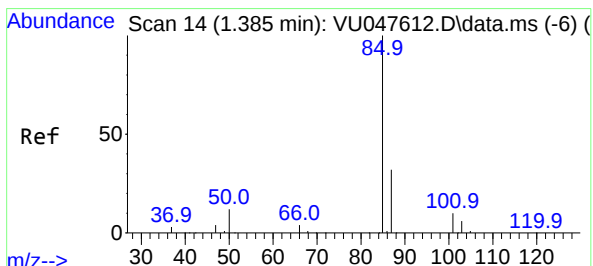
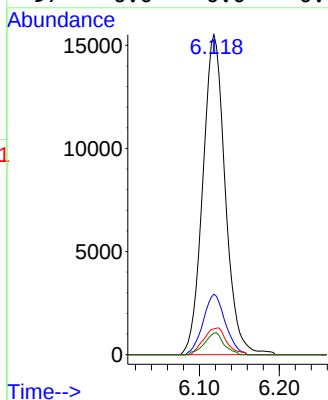
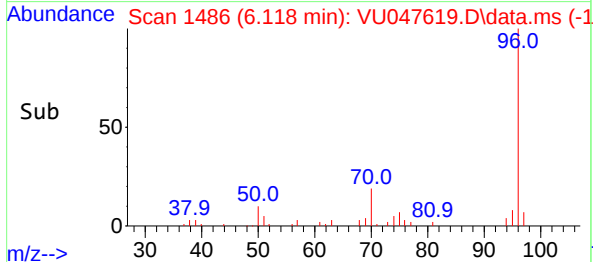
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2022



Tgt Ion: 96 Resp: 30189
Ion Ratio Lower Upper
96 100
70 18.7 16.8 25.2
95 8.5 7.3 10.9
97 6.0 0.0 0.0#

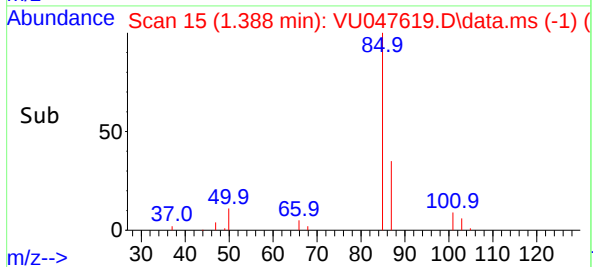
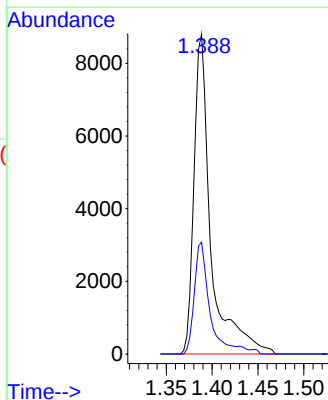
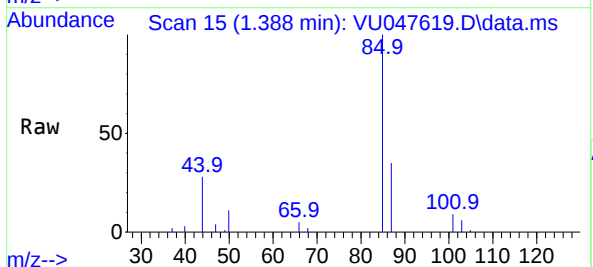
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APPROVED

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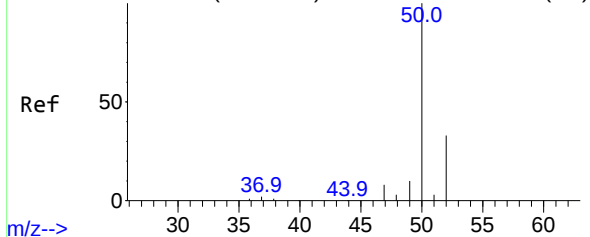


#2
Dichlorodifluoromethane
Concen: 1.033 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.003 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

Tgt Ion: 85 Resp: 11264
Ion Ratio Lower Upper
85 100
87 35.0 16.2 48.6



Abundance Scan 58 (1.527 min): VU047612.D\data.ms (-48)



#3

Chloromethane

Concen: 1.058 ug/l

RT: 1.530 min Scan# 59

Delta R.T. 0.003 min

Lab File: VU047619.D

Acq: 18 Mar 2022 17:18

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2022

Tgt Ion: 50 Resp: 11269

Ion Ratio Lower Upper

50 100

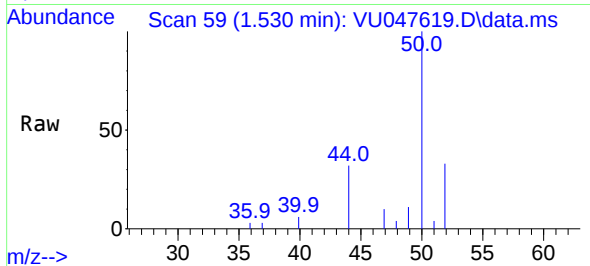
52 32.7 26.2 39.4

Manual Integrations

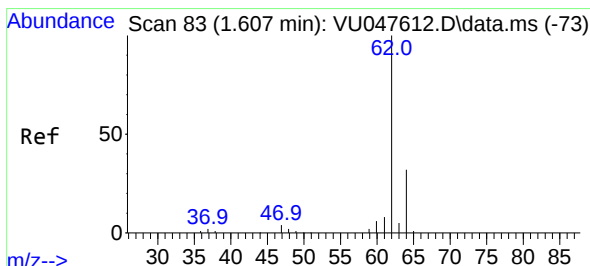
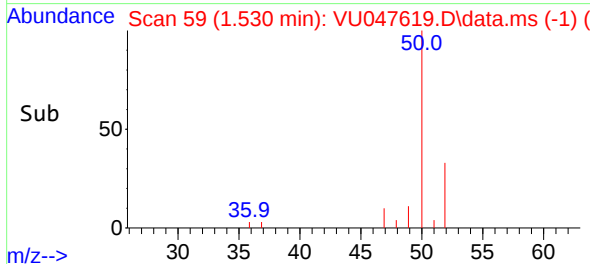
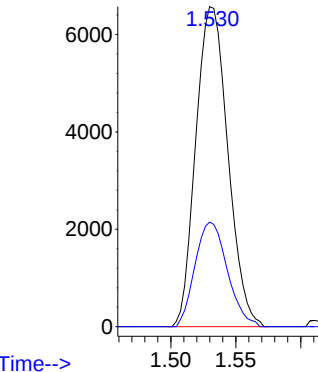
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Abundance



#4

Vinyl Chloride

Concen: 1.004 ug/l

RT: 1.607 min Scan# 83

Delta R.T. 0.000 min

Lab File: VU047619.D

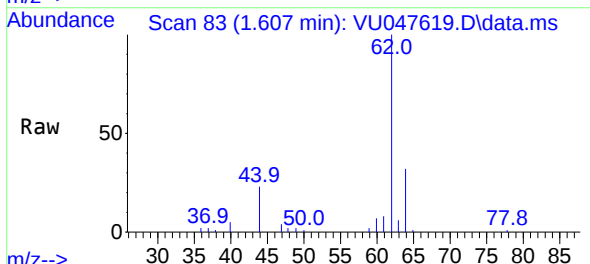
Acq: 18 Mar 2022 17:18

Tgt Ion: 62 Resp: 10385

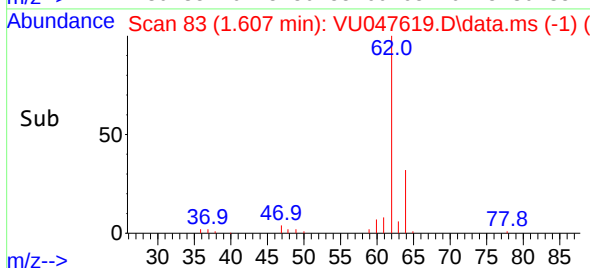
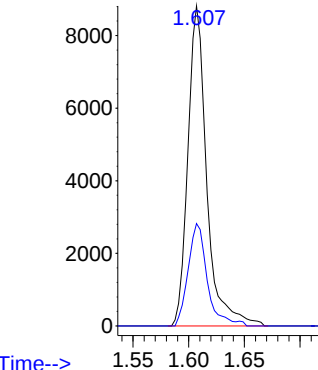
Ion Ratio Lower Upper

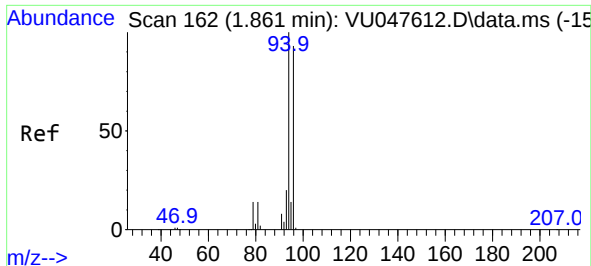
62 100

64 32.0 26.0 39.0



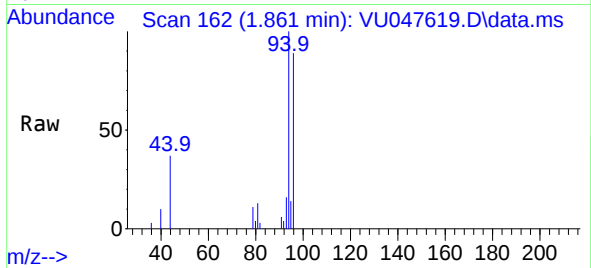
Abundance





#5
Bromomethane
Concen: 0.944 ug/l
RT: 1.861 min Scan# 162
Delta R.T. 0.000 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

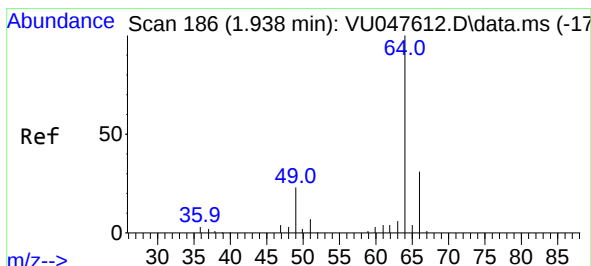
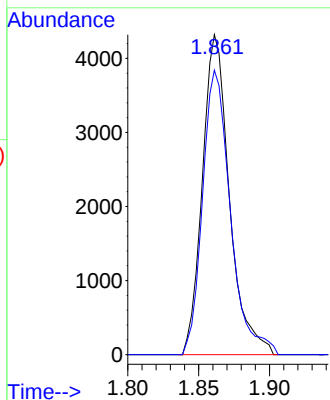
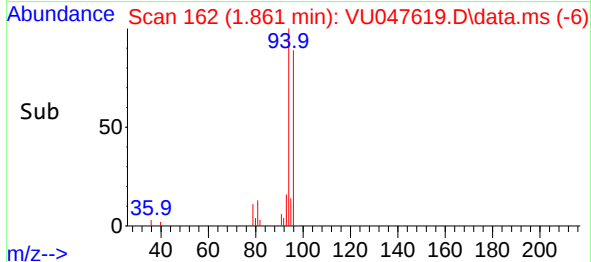
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2022



Tgt Ion: 94 Resp: 572
Ion Ratio Lower Upper
94 100
96 88.9 75.0 112.4

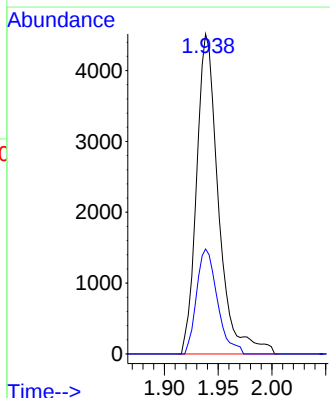
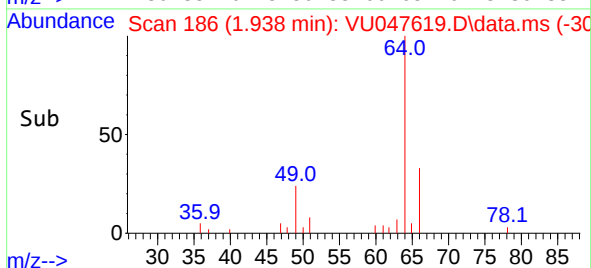
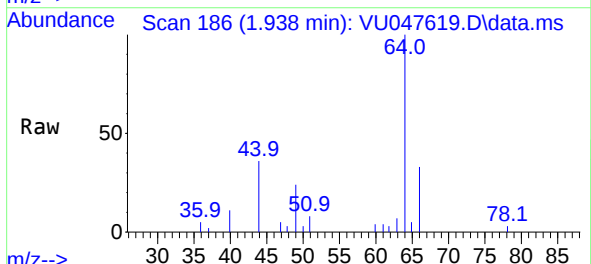
Manual Integrations
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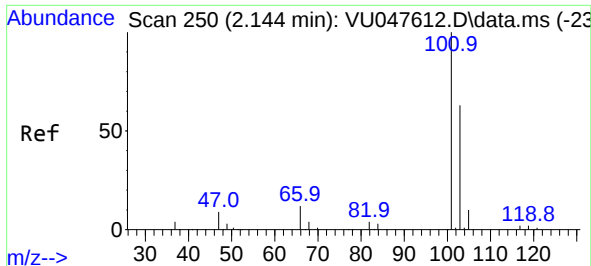
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#6
Chloroethane
Concen: 1.038 ug/l
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

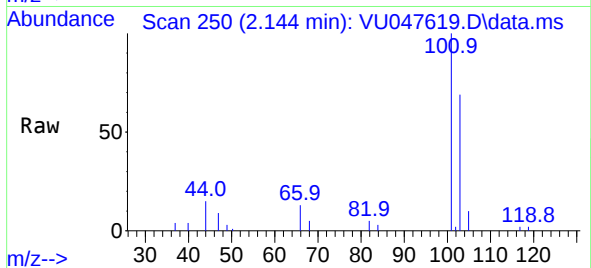
Tgt Ion: 64 Resp: 6415
Ion Ratio Lower Upper
64 100
66 32.8 25.8 38.8





#7
Trichlorofluoromethane
Concen: 0.998 ug/l
RT: 2.144 min Scan# 210
Delta R.T. 0.000 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

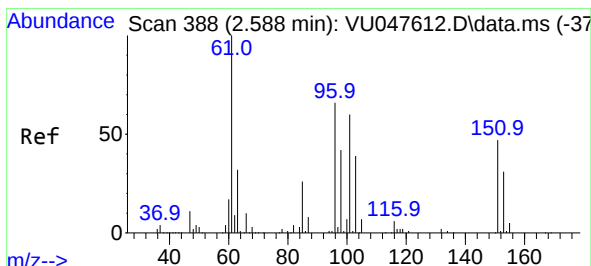
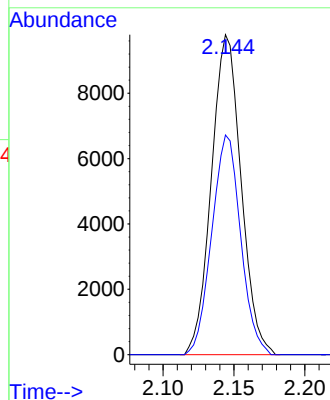
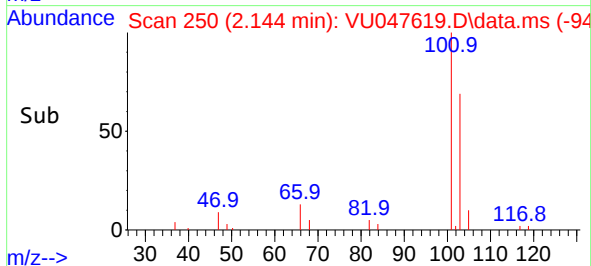
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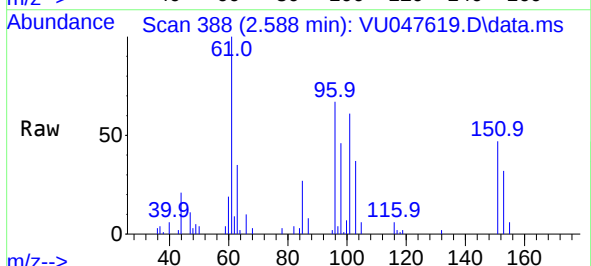
Tgt Ion:101 Resp: 1427
Ion Ratio Lower Upper
101 100
103 68.6 52.2 78.2

Manual Integrations
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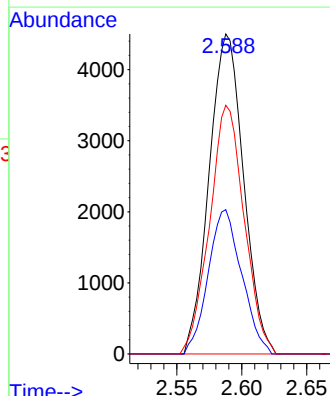
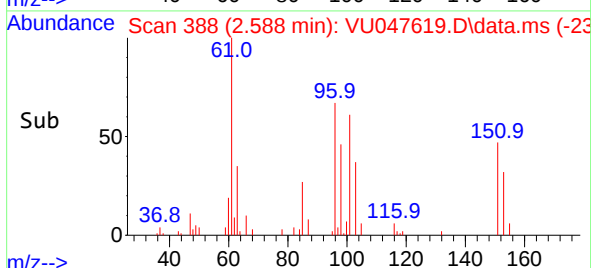
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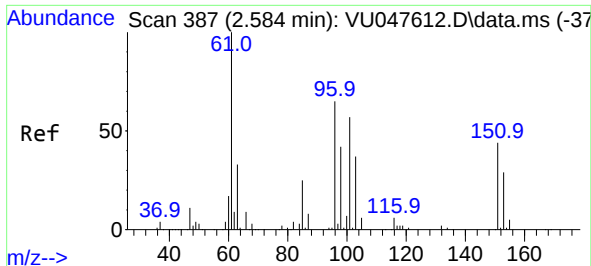


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.015 ug/l
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18



Tgt Ion:101 Resp: 8293
Ion Ratio Lower Upper
101 100
85 44.0 35.8 53.6
151 78.0 54.6 81.8





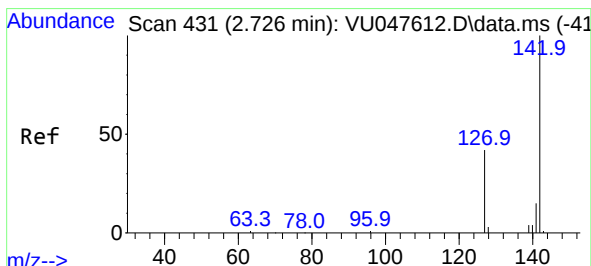
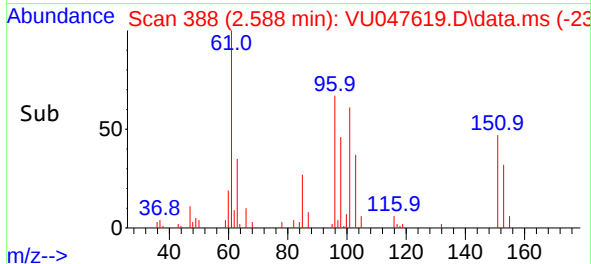
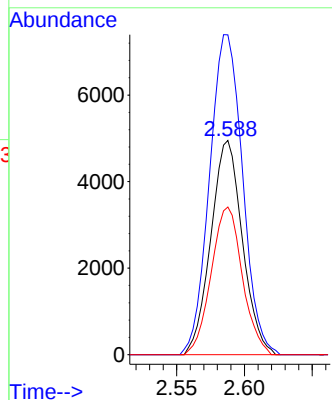
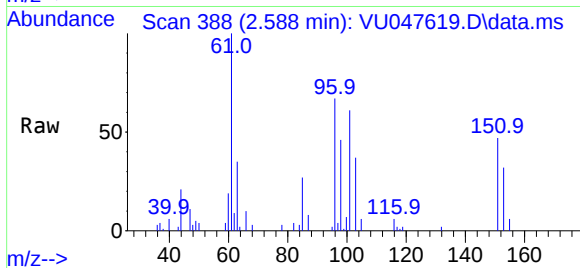
#9
1,1-Dichloroethene
Concen: 0.993 ug/l
RT: 2.588 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2022

Tgt Ion: 96 Resp: 8018
Ion Ratio Lower Upper
96 100
61 149.3 0.0 514.2
98 68.9 0.0 126.4

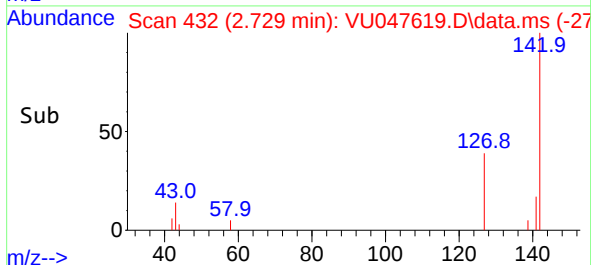
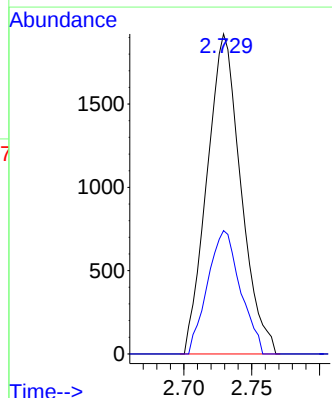
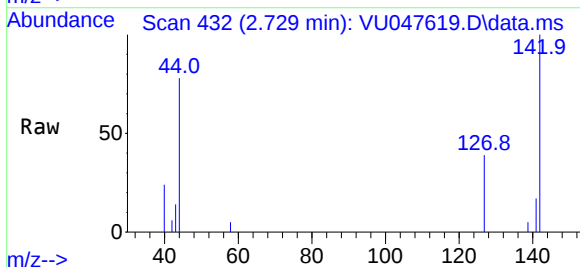
Manual Integrations
APPROVED

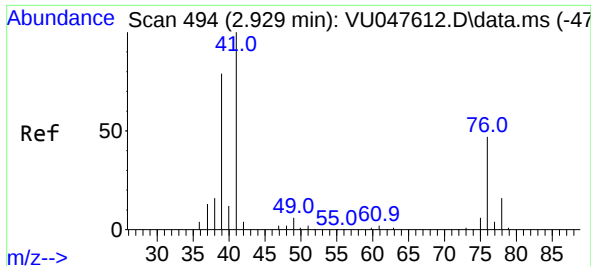
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#10
Iodomethane
Concen: 1.010 ug/l
RT: 2.729 min Scan# 432
Delta R.T. 0.003 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

Tgt Ion:142 Resp: 3333
Ion Ratio Lower Upper
142 100
127 37.3 33.2 49.8





#11

Allyl Chloride

Concen: 1.046 ug/l

RT: 2.929 min Scan# 494

Delta R.T. 0.000 min

Lab File: VU047619.D

Acq: 18 Mar 2022 17:18

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2022

Tgt Ion: 41 Resp: 10620

Ion Ratio Lower Upper

41 100

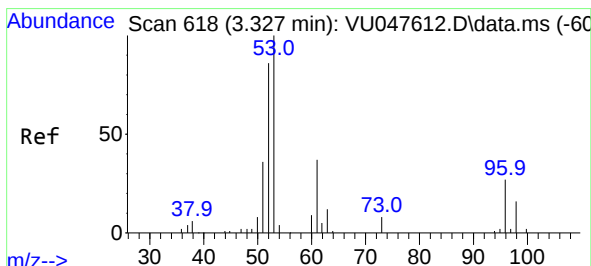
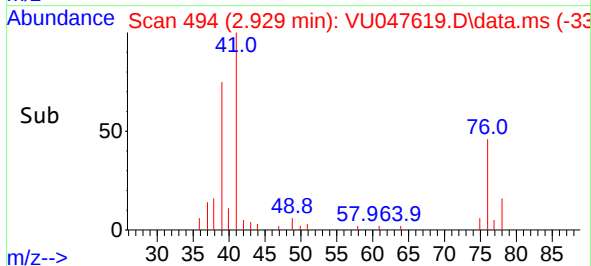
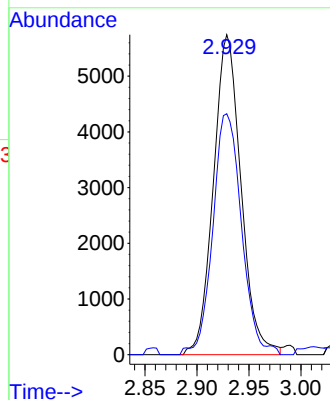
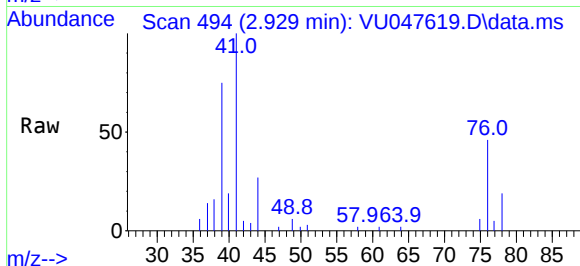
39 78.1 62.4 93.6

Manual Integrations

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Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#12

Acrylonitrile

Concen: 2.067 ug/l

RT: 3.324 min Scan# 617

Delta R.T. -0.003 min

Lab File: VU047619.D

Acq: 18 Mar 2022 17:18

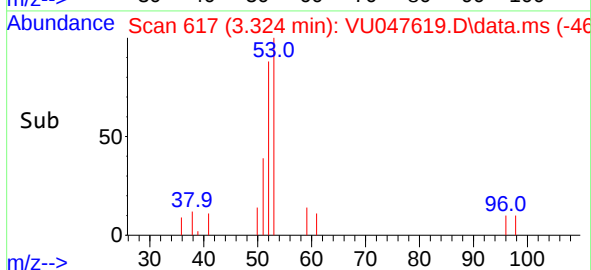
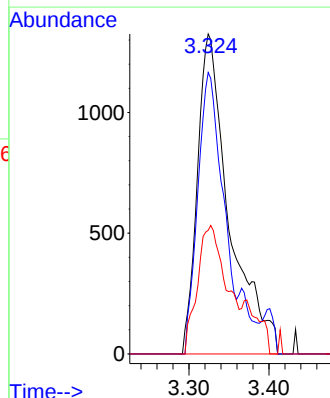
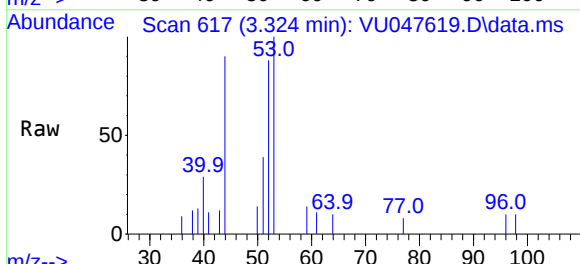
Tgt Ion: 53 Resp: 3683

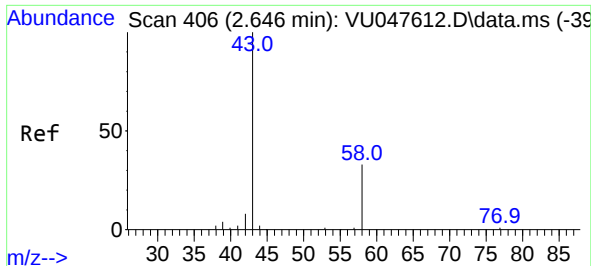
Ion Ratio Lower Upper

53 100

52 69.0 56.7 85.1

51 36.2 30.3 45.5





#13

Acetone

Concen: 4.402 ug/l m

RT: 2.639 min Scan# 406

Delta R.T. -0.006 min

Lab File: VU047619.D

Acq: 18 Mar 2022 17:18

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2022

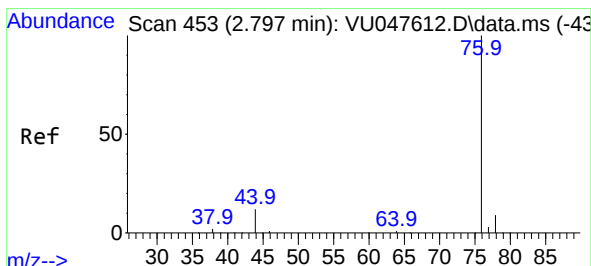
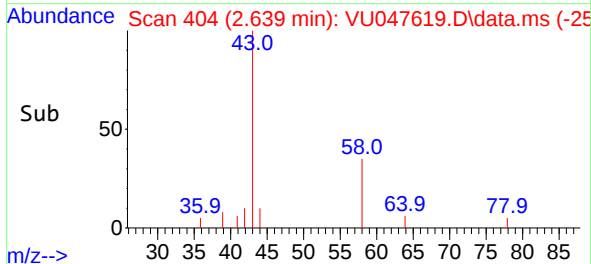
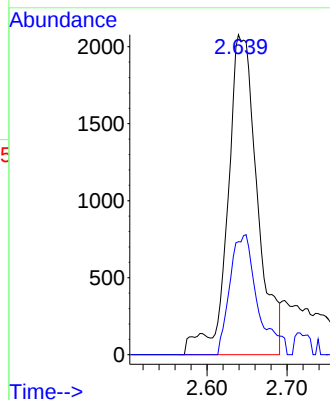
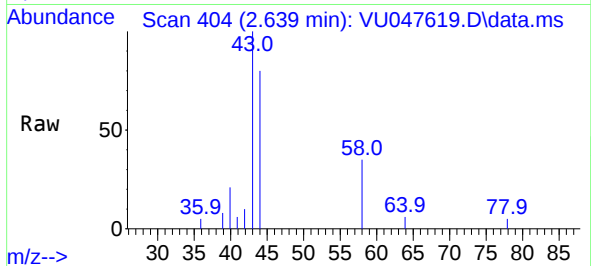
Tgt Ion: 43 Resp: 5334
 Ion Ratio Lower Upper
 43 100
 58 35.3 27.1 40.7

Manual Integrations

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Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#14

Carbon Disulfide

Concen: 1.028 ug/l

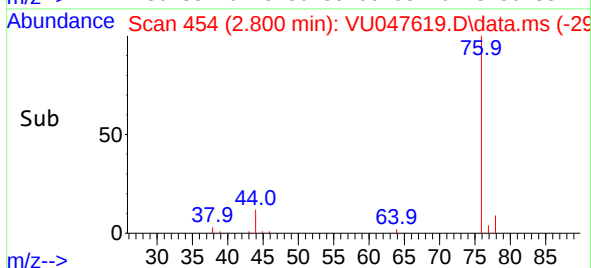
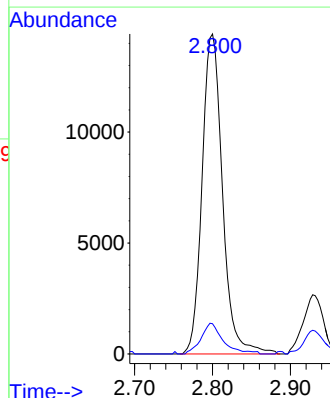
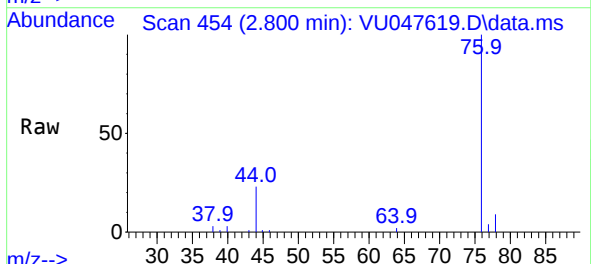
RT: 2.800 min Scan# 454

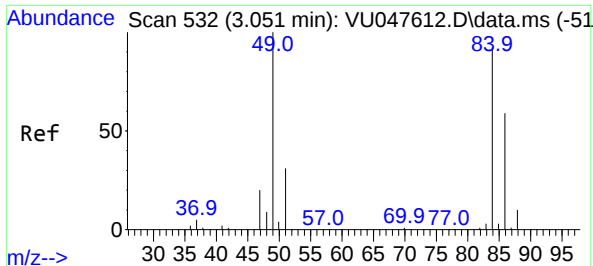
Delta R.T. 0.003 min

Lab File: VU047619.D

Acq: 18 Mar 2022 17:18

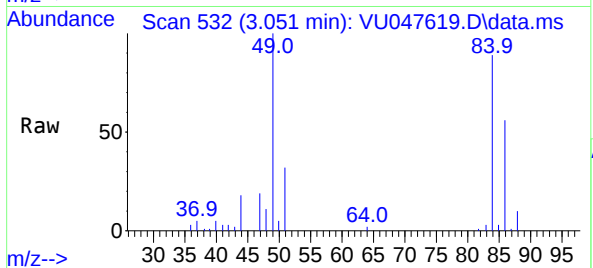
Tgt Ion: 76 Resp: 26222
 Ion Ratio Lower Upper
 76 100
 78 9.4 7.1 10.7





#15
Methylene Chloride
Concen: 1.299 ug/l
RT: 3.051 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

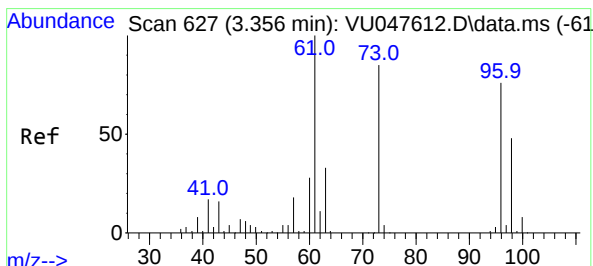
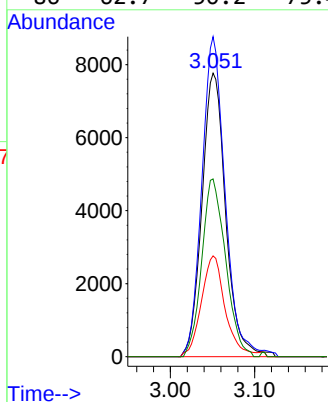
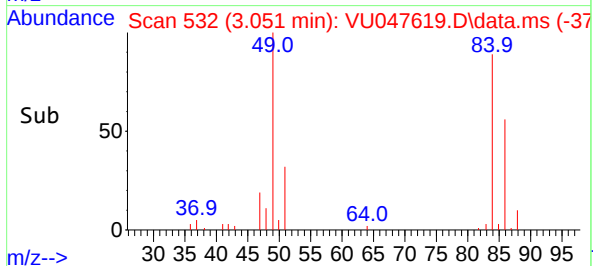
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2022



Tgt Ion: 84 Resp: 1525
Ion Ratio Lower Upper
84 100
49 112.8 97.2 145.8
51 35.6 0.0 73.4
86 62.7 50.2 75.4

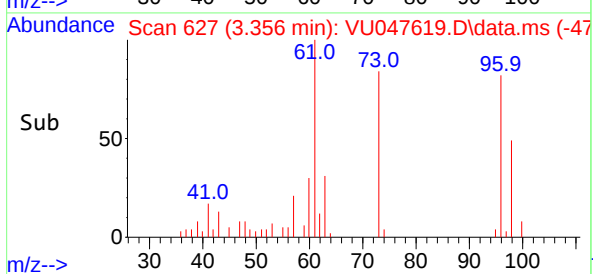
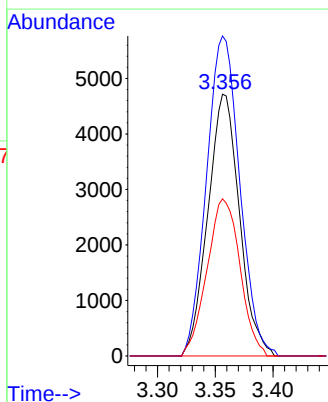
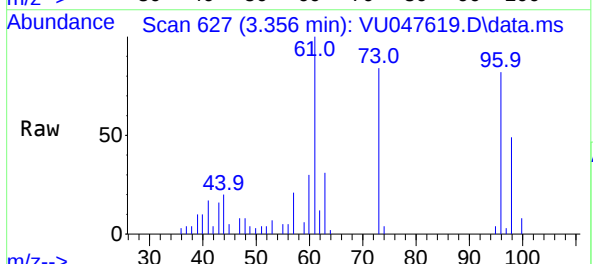
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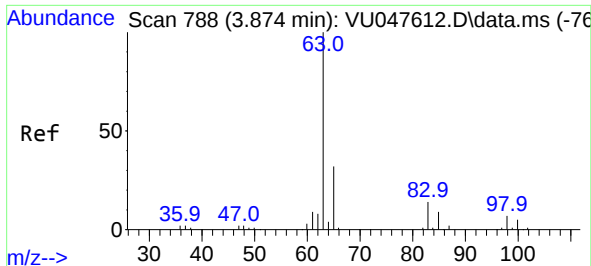
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#16
trans-1,2-Dichloroethene
Concen: 1.056 ug/l
RT: 3.356 min Scan# 627
Delta R.T. 0.000 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

Tgt Ion: 96 Resp: 8968
Ion Ratio Lower Upper
96 100
61 122.3 115.8 173.6
98 60.0 51.1 76.7





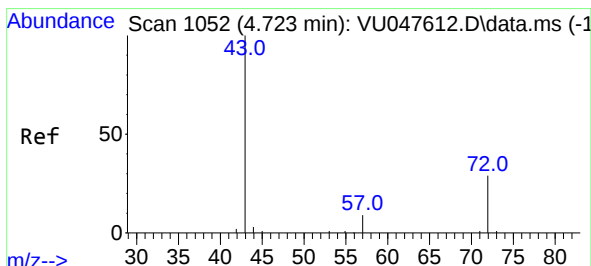
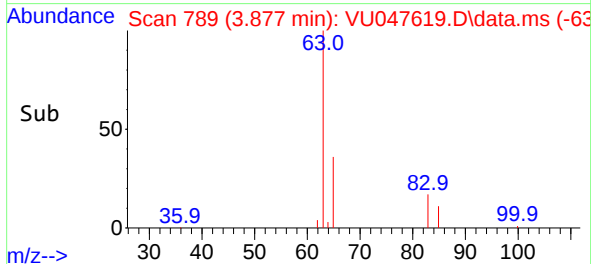
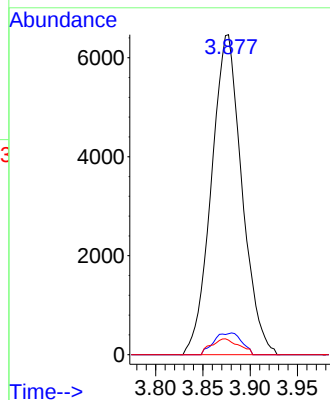
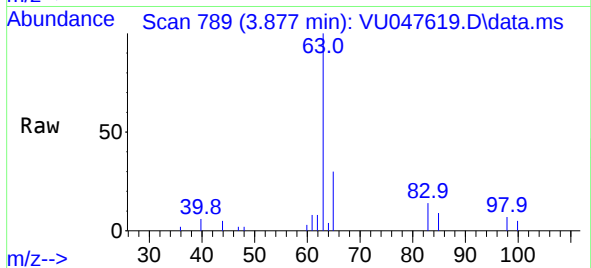
#17
1,1-Dichloroethane
Concen: 1.008 ug/l
RT: 3.877 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2022

Tgt Ion: 63 Resp: 14529
Ion Ratio Lower Upper
63 100
98 6.5 3.6 10.8
100 4.6 2.1 6.5

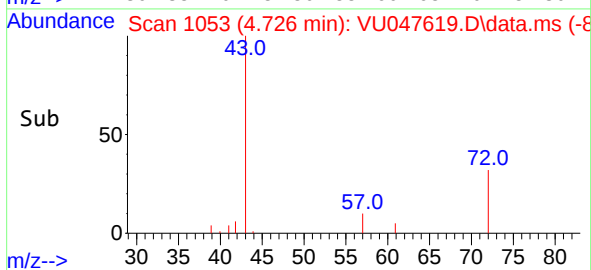
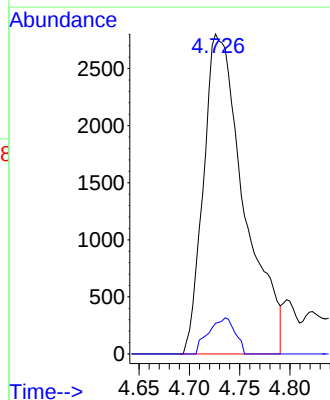
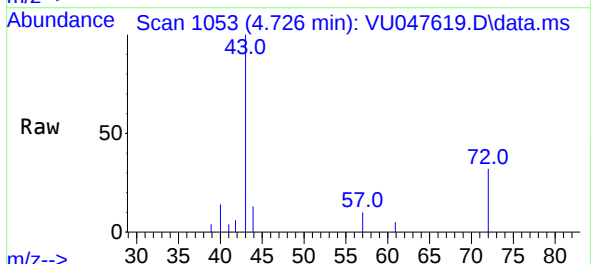
Manual Integrations
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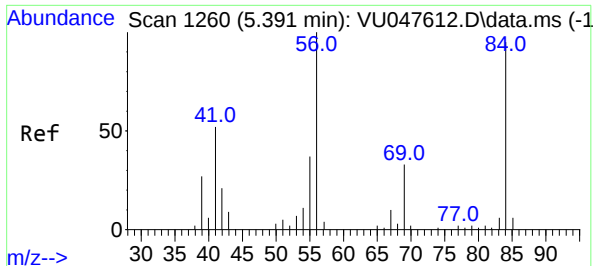
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#18
2-Butanone
Concen: 4.166 ug/l
RT: 4.726 min Scan# 1053
Delta R.T. 0.003 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

Tgt Ion: 43 Resp: 7863
Ion Ratio Lower Upper
43 100
57 9.6 0.0 16.6





#19

Cyclohexane

Concen: 1.014 ug/l m

RT: 5.391 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU047619.D

Acq: 18 Mar 2022 17:18

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2022

Tgt Ion: 56 Resp: 1096

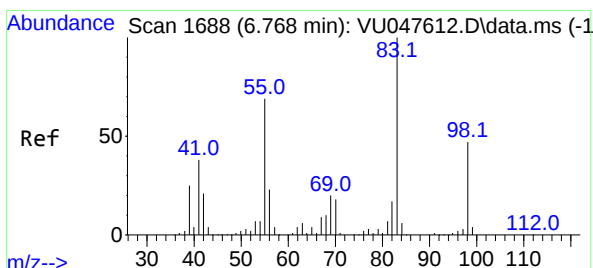
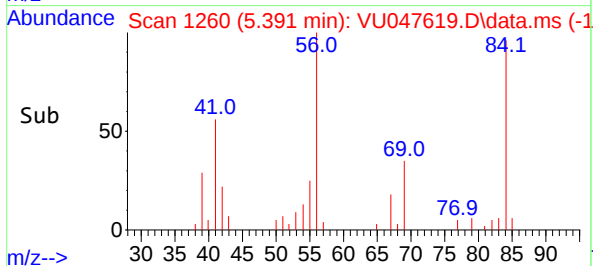
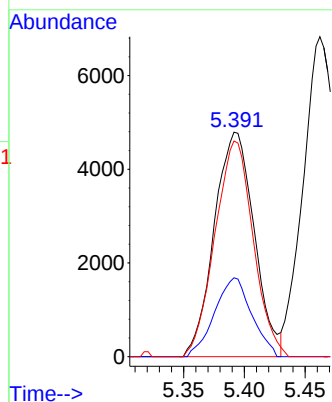
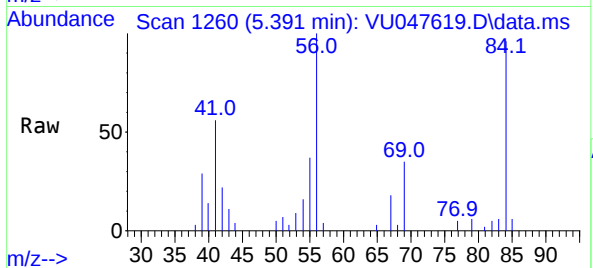
Ion	Ratio	Lower	Upper
56	100		
69	32.6	24.7	37.1
84	92.0	68.8	103.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#20

Methylcyclohexane

Concen: 0.914 ug/l

RT: 6.764 min Scan# 1687

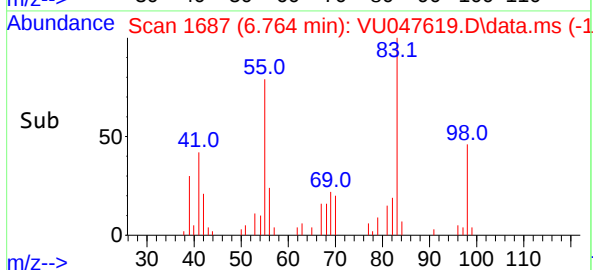
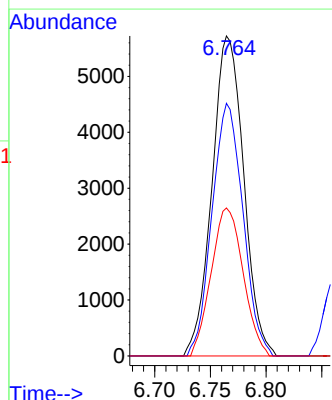
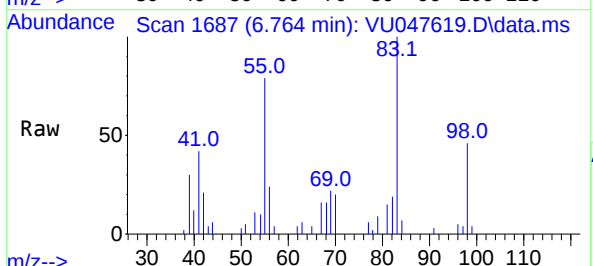
Delta R.T. -0.003 min

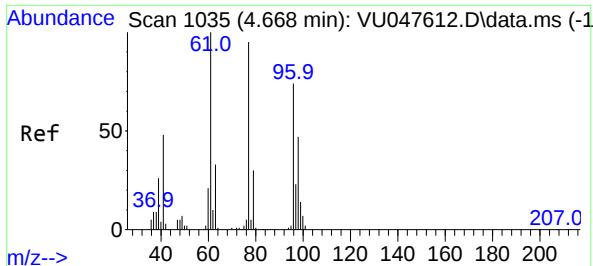
Lab File: VU047619.D

Acq: 18 Mar 2022 17:18

Tgt Ion: 83 Resp: 11338

Ion	Ratio	Lower	Upper
83	100		
55	77.1	61.9	92.9
98	46.6	37.4	56.2





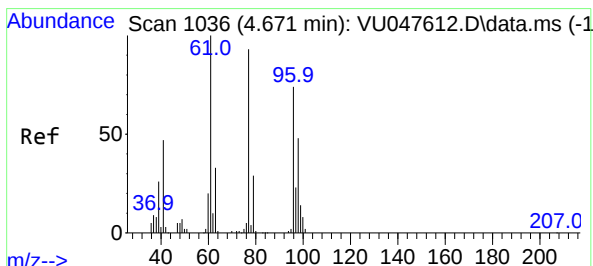
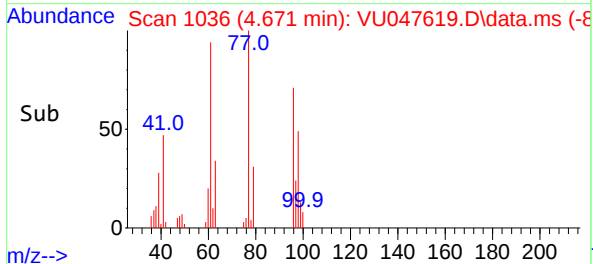
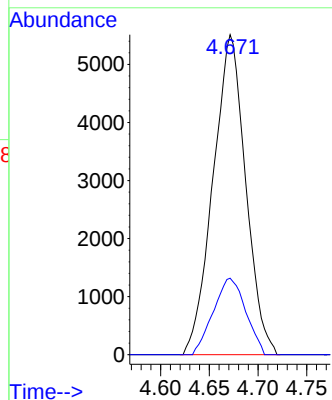
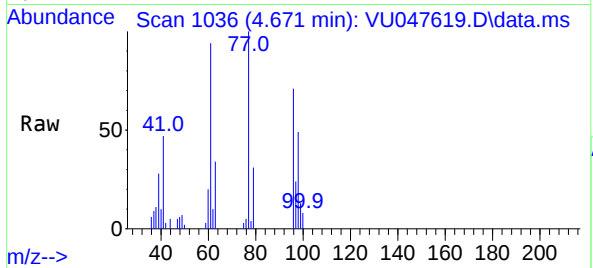
#21
2,2-Dichloropropane
Concen: 1.013 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2022

Tgt Ion: 77 Resp: 12829
Ion Ratio Lower Upper
77 100
97 23.7 17.2 25.8

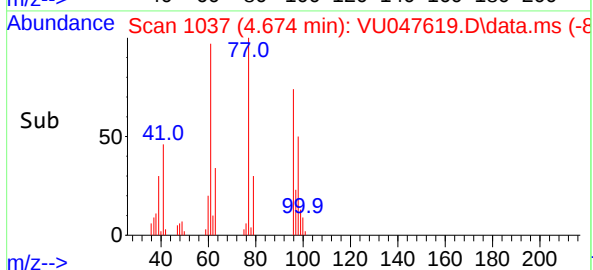
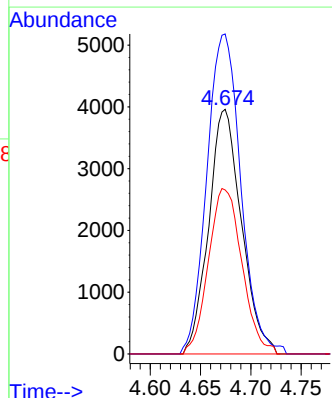
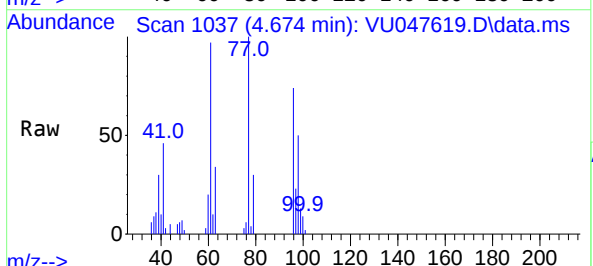
Manual Integrations
APPROVED

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

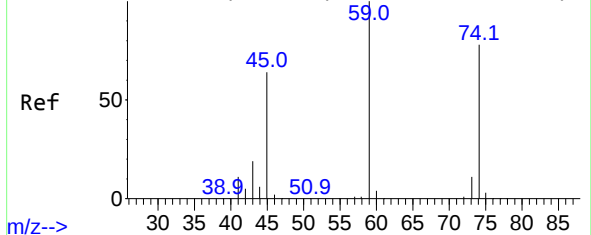


#22
cis-1,2-Dichloroethene
Concen: 0.975 ug/l
RT: 4.674 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

Tgt Ion: 96 Resp: 8991
Ion Ratio Lower Upper
96 100
61 135.6 0.0 385.3
98 69.1 32.1 96.3



Abundance Scan 324 (2.382 min): VU047612.D\data.ms (-31



#23

Diethyl Ether

Concen: 1.025 ug/l

RT: 2.382 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU047619.D

Acq: 18 Mar 2022 17:18

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2022

Tgt Ion: 59 Resp: 604

Ion Ratio Lower Upper

59 100

45 65.8 55.6 83.4

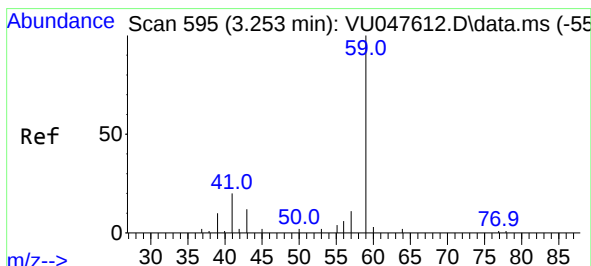
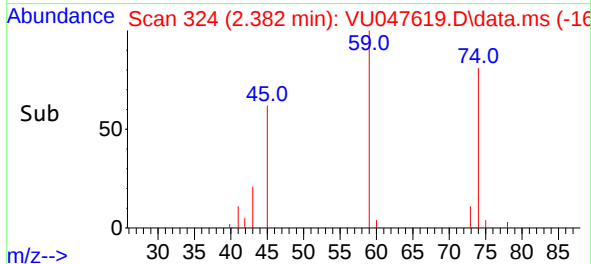
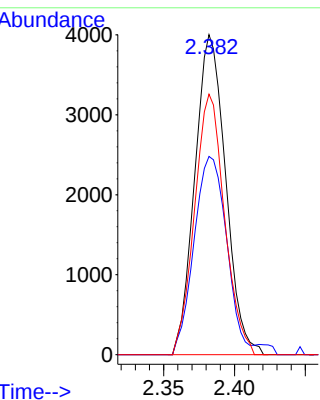
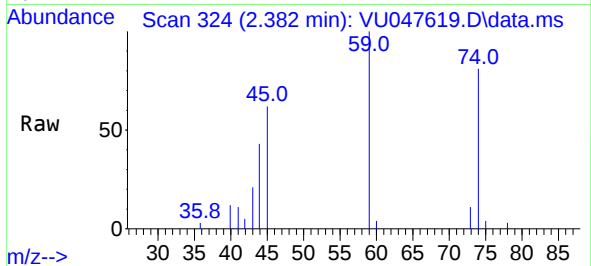
74 79.3 58.1 87.1

Manual Integrations

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Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#24

tert-Butyl Alcohol

Concen: 9.574 ug/l m

RT: 3.218 min Scan# 584

Delta R.T. -0.035 min

Lab File: VU047619.D

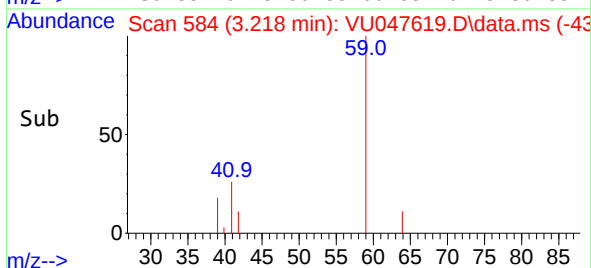
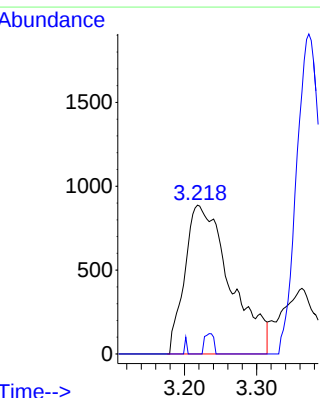
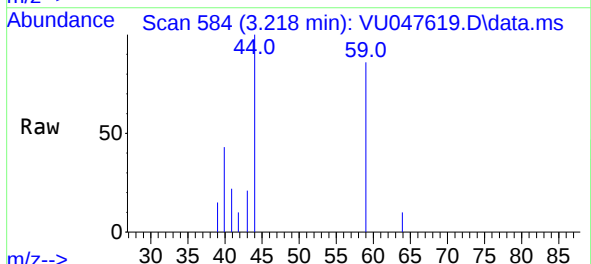
Acq: 18 Mar 2022 17:18

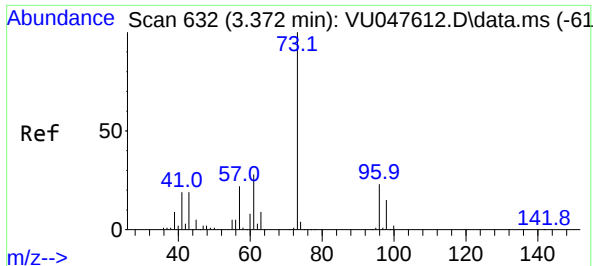
Tgt Ion: 59 Resp: 3895

Ion Ratio Lower Upper

59 100

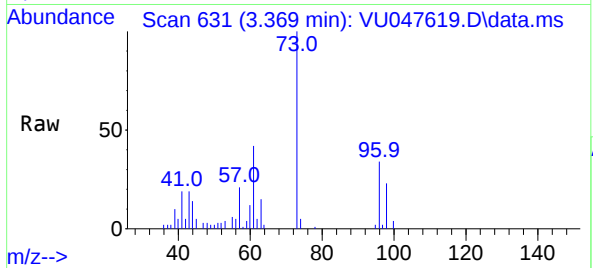
57 0.0 6.5 9.7#





#25
Methyl tert-Butyl Ether
Concen: 1.050 ug/l
RT: 3.369 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

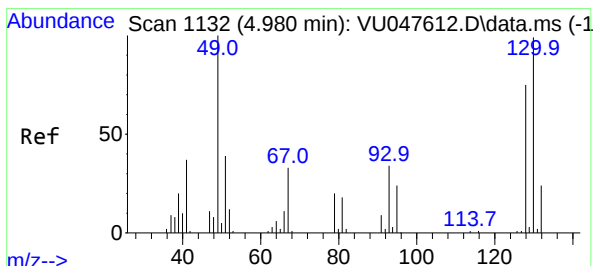
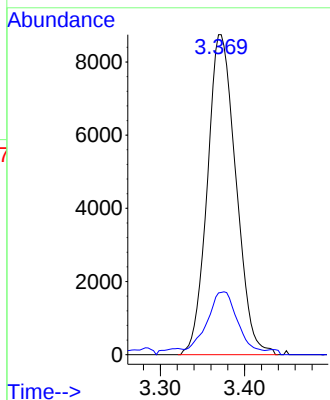
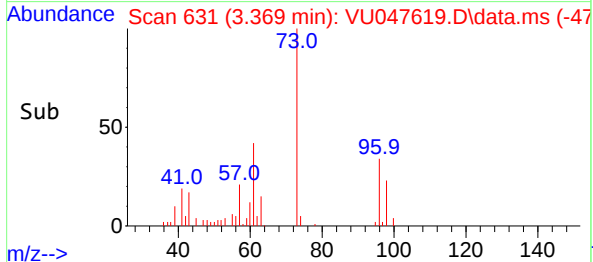
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2022



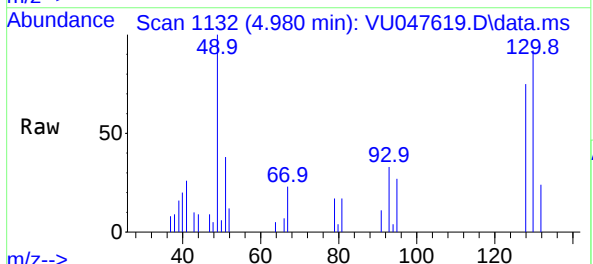
Tgt Ion: 73 Resp: 2062
Ion Ratio Lower Upper
73 100
43 18.3 16.3 24.5

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APPROVED

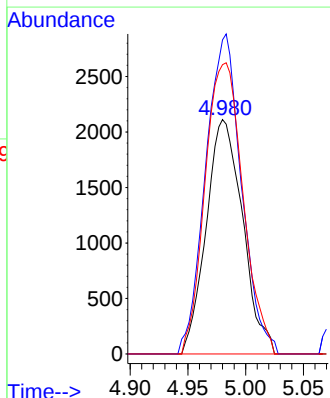
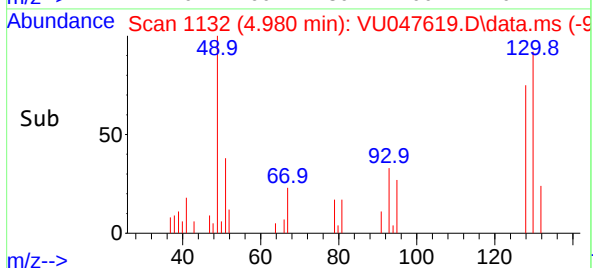
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

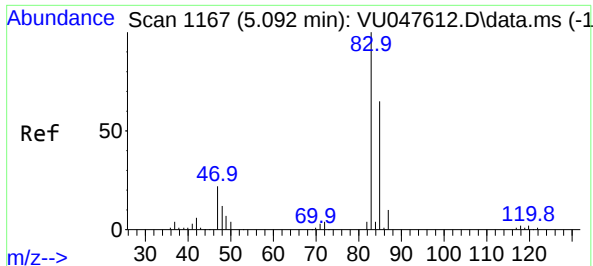


#26
Bromochloromethane
Concen: 0.994 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18



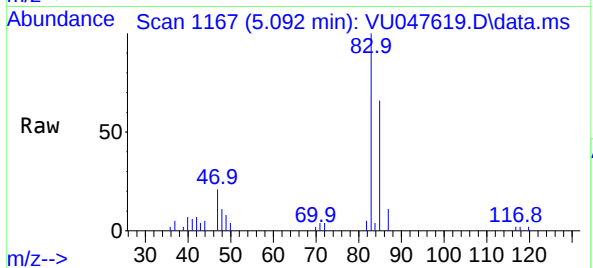
Tgt Ion:128 Resp: 4635
Ion Ratio Lower Upper
128 100
49 134.3 0.0 347.4
130 129.4 101.5 152.3





#27
Chloroform
Concen: 1.051 ug/l
RT: 5.092 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

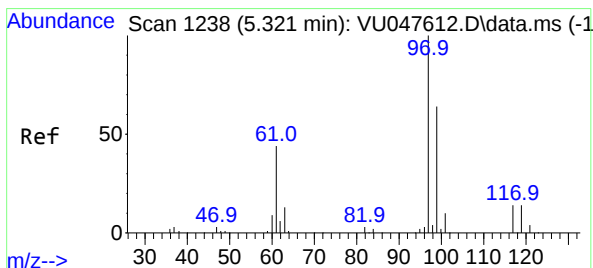
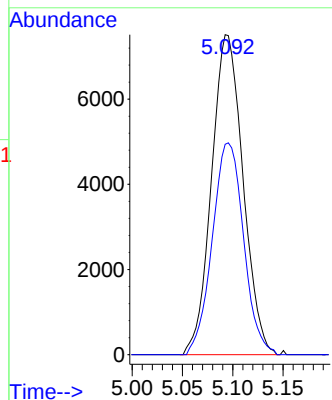
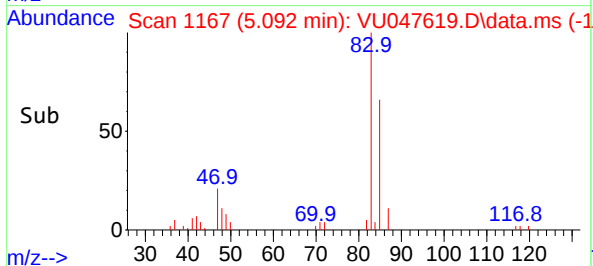
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2022



Tgt Ion: 83 Resp: 1636
Ion Ratio Lower Upper
83 100
85 65.8 0.0 129.2

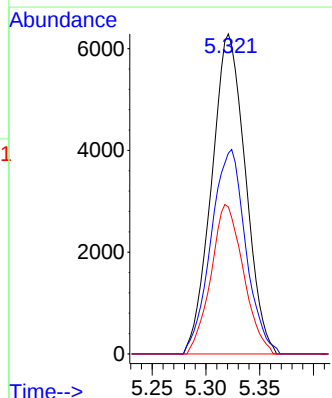
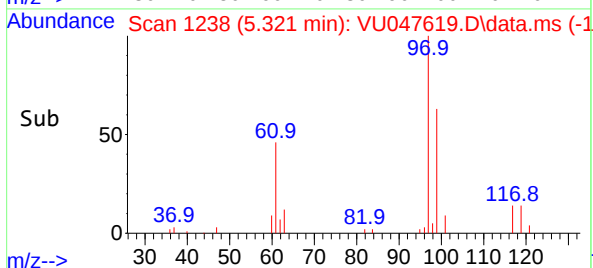
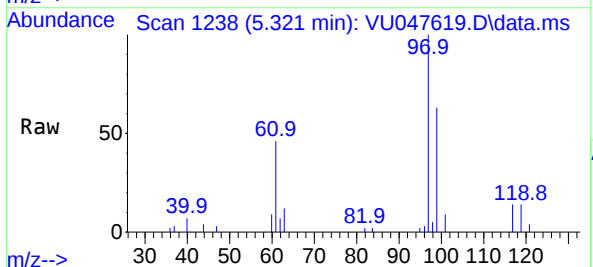
Manual Integrations
APPROVED

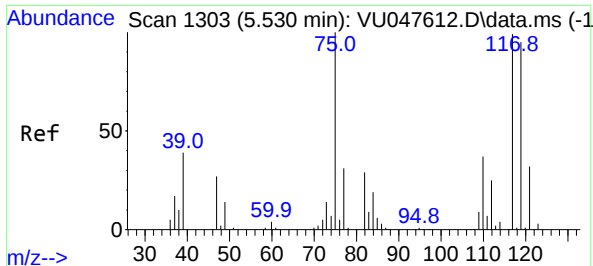
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#28
1,1,1-Trichloroethane
Concen: 1.016 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

Tgt Ion: 97 Resp: 13746
Ion Ratio Lower Upper
97 100
99 65.6 32.2 96.6
61 44.8 24.5 73.5





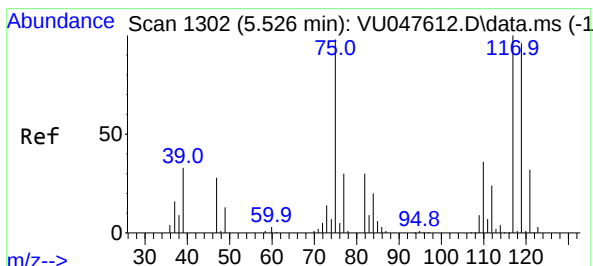
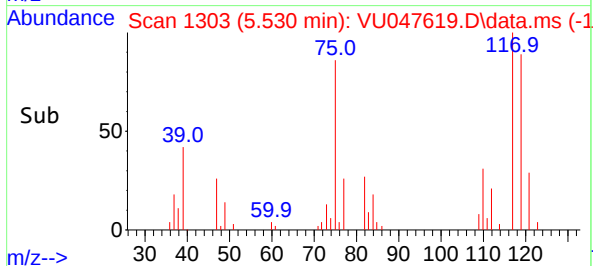
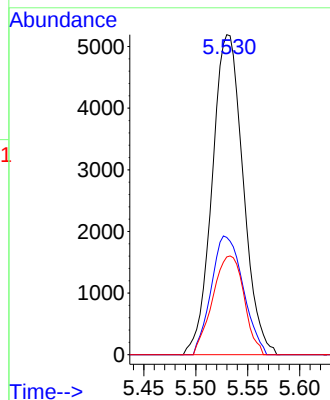
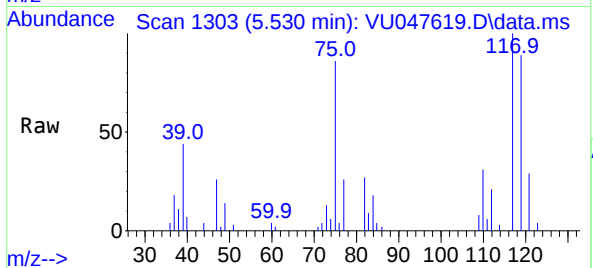
#29
1,1-Dichloropropene
Concen: 0.981 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2022

Tgt Ion: 75 Resp: 1075
Ion Ratio Lower Upper
75 100
110 38.2 16.8 50.3
77 31.3 24.7 37.1

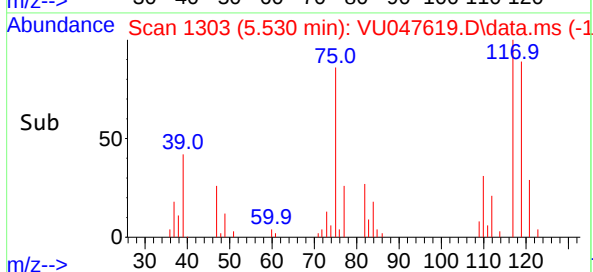
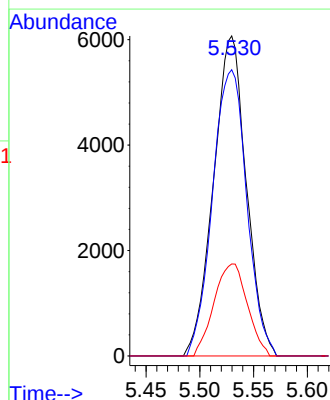
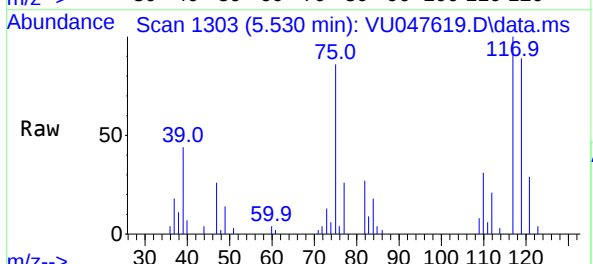
Manual Integrations
APPROVED

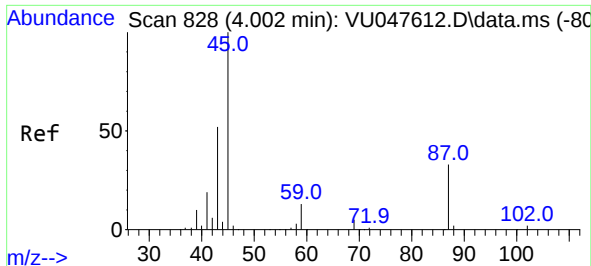
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#30
Carbon Tetrachloride
Concen: 1.069 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.003 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

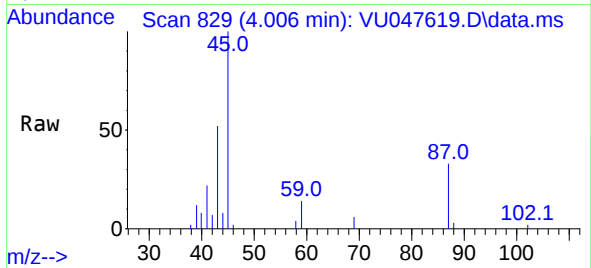
Tgt Ion:117 Resp: 12879
Ion Ratio Lower Upper
117 100
119 89.5 76.8 115.2
121 28.8 24.6 37.0





#31
Isopropyl Ether
Concen: 0.993 ug/l
RT: 4.006 min Scan# 81
Delta R.T. 0.003 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

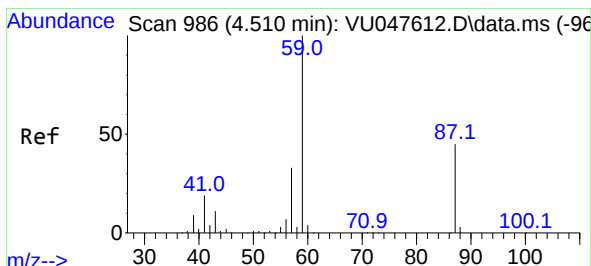
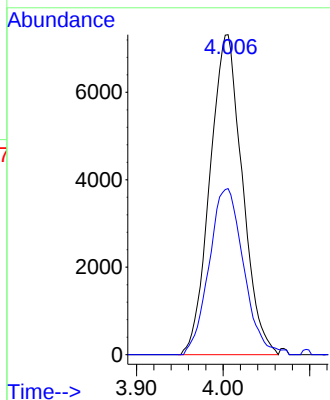
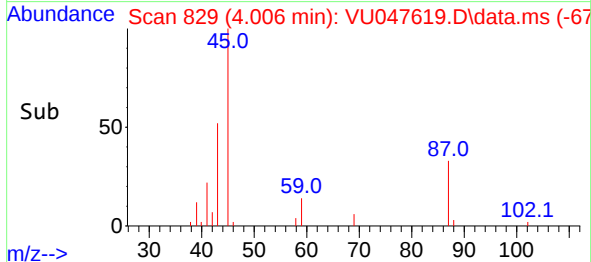
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2022



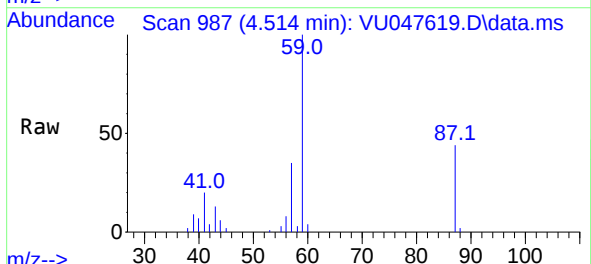
Tgt Ion: 45 Resp: 19000
Ion Ratio Lower Upper
45 100
43 55.3 25.3 75.8

Manual Integrations
APPROVED

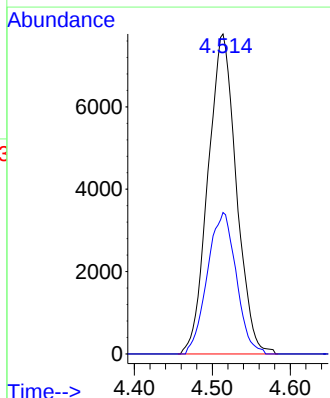
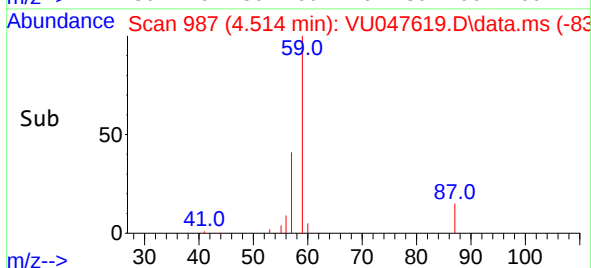
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

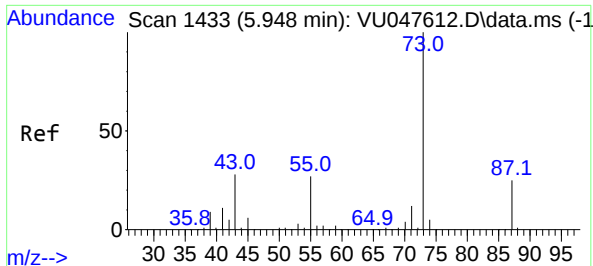


#32
Ethyl-t-butyl ether
Concen: 1.015 ug/l
RT: 4.514 min Scan# 987
Delta R.T. 0.003 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18



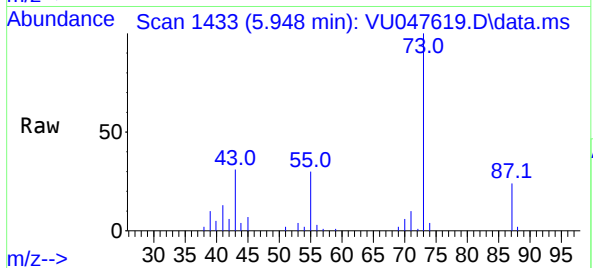
Tgt Ion: 59 Resp: 19600
Ion Ratio Lower Upper
59 100
87 45.1 32.7 49.1





#33
Tert-Amyl methyl ether
Concen: 0.961 ug/l
RT: 5.948 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

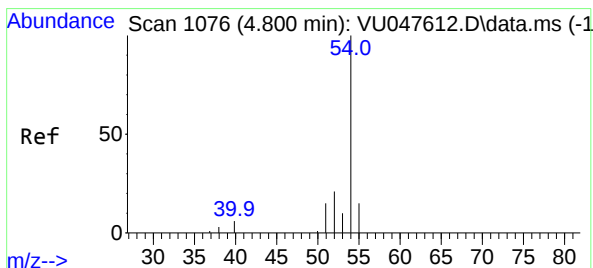
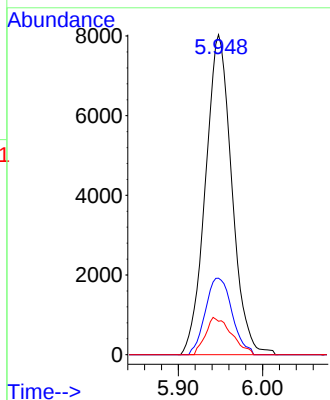
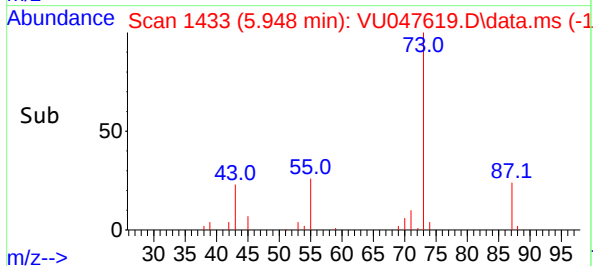
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2022



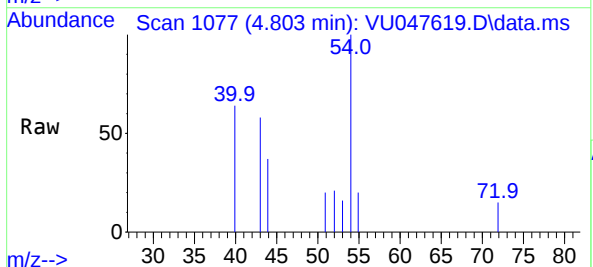
Tgt Ion: 73 Resp: 1744
Ion Ratio Lower Upper
73 100
87 24.2 18.6 28.0
71 11.5 9.0 13.6

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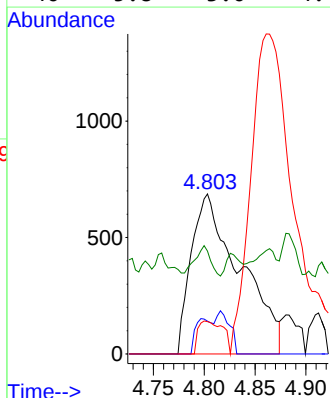
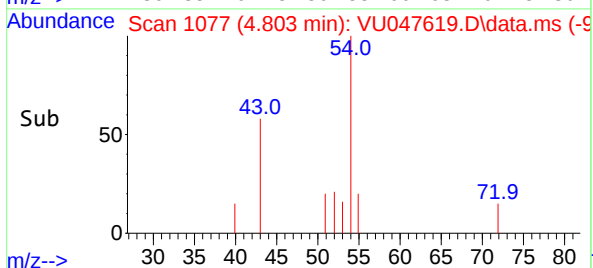
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

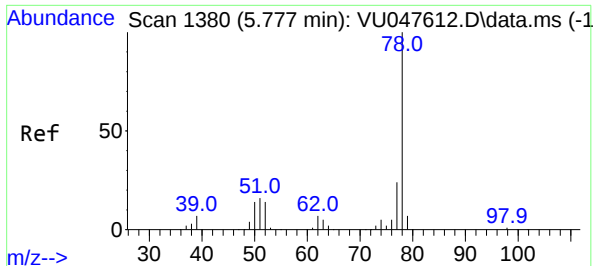


#34
Propionitrile
Concen: 4.512 ug/l m
RT: 4.803 min Scan# 1077
Delta R.T. 0.003 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18



Tgt Ion: 54 Resp: 2302
Ion Ratio Lower Upper
54 100
52 7.9 11.9 17.9#
55 10.3 8.0 12.0
40 5.8 3.0 4.4#





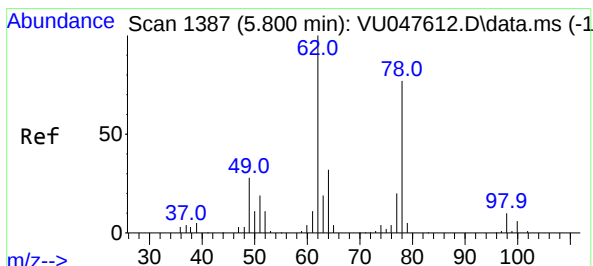
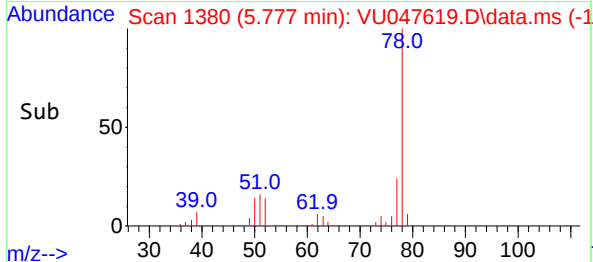
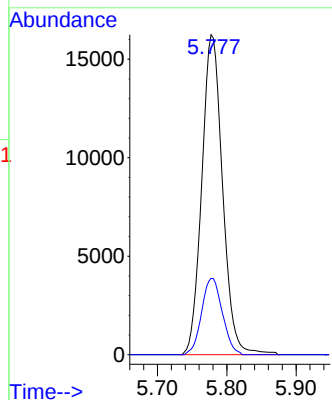
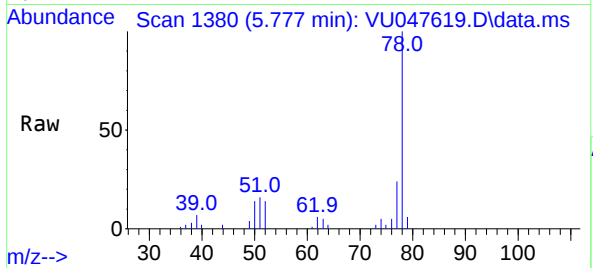
#35
Benzene
Concen: 1.032 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT1-2022

Tgt Ion: 78 Resp: 3384
Ion Ratio Lower Upper
78 100
77 23.8 19.1 28.7

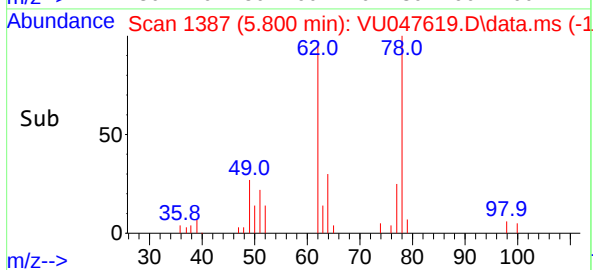
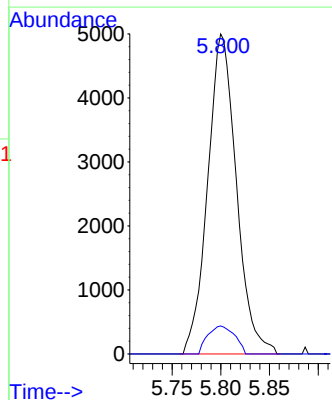
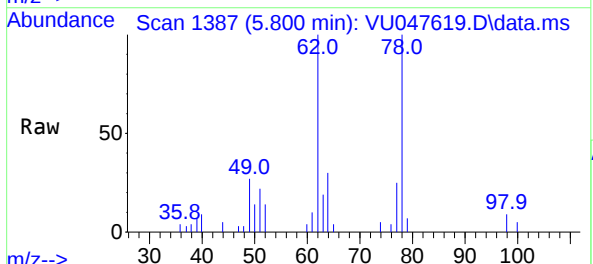
Manual Integrations
APPROVED

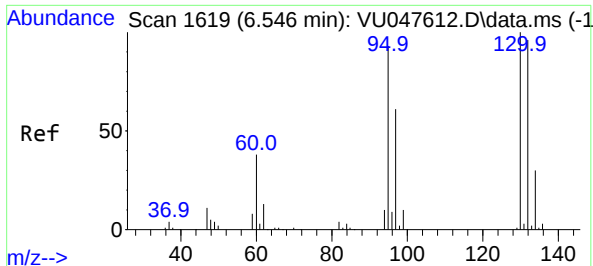
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#36
1,2-Dichloroethane
Concen: 1.034 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

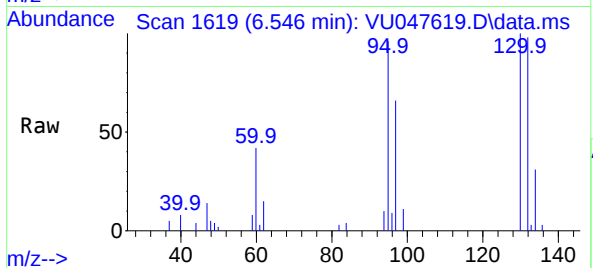
Tgt Ion: 62 Resp: 10253
Ion Ratio Lower Upper
62 100
98 8.2 7.3 10.9





#37
Trichloroethene
Concen: 1.012 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

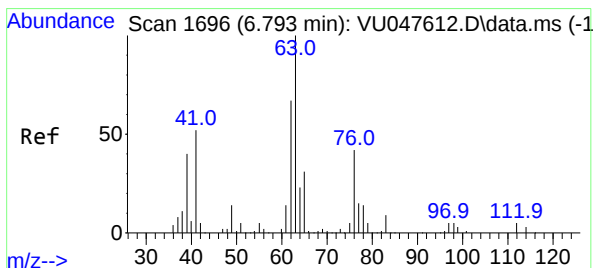
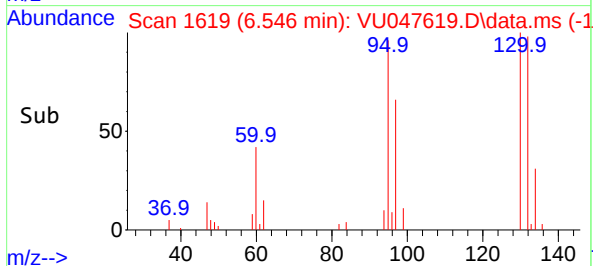
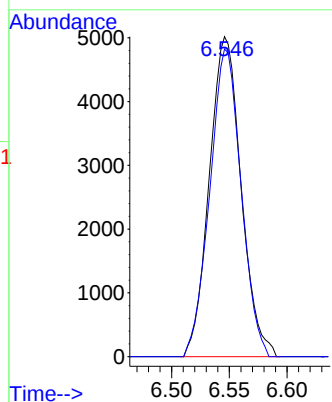
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2022



Tgt Ion:130 Resp: 9590
Ion Ratio Lower Upper
130 100
95 96.2 83.8 125.8

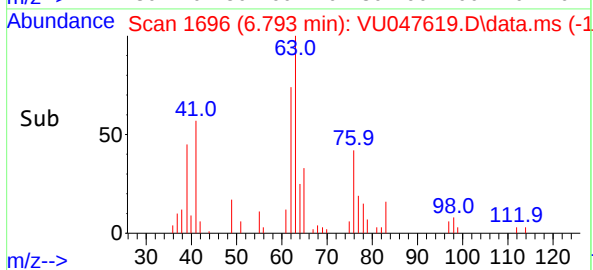
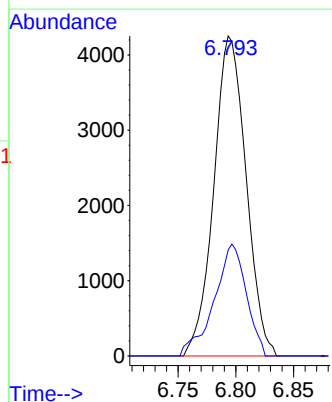
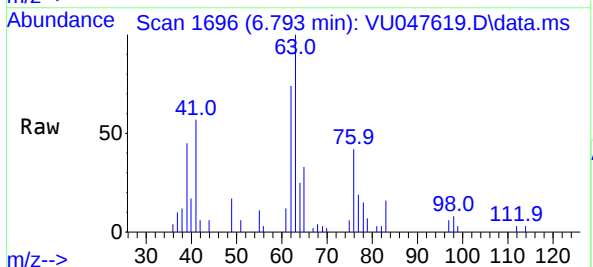
Manual Integrations
APPROVED

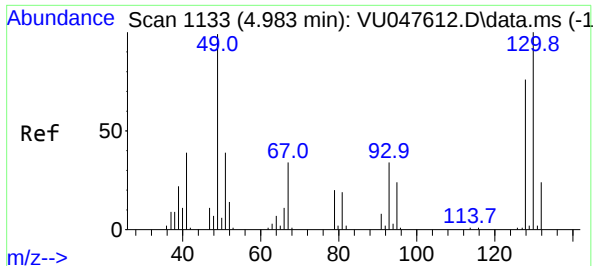
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#38
1,2-Dichloropropane
Concen: 0.977 ug/l
RT: 6.793 min Scan# 1696
Delta R.T. 0.000 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

Tgt Ion: 63 Resp: 8255
Ion Ratio Lower Upper
63 100
65 33.1 24.7 37.1





#39

Methacrylonitrile

Concen: 0.961 ug/l

RT: 4.986 min Scan# 1133

Delta R.T. 0.003 min

Lab File: VU047619.D

Acq: 18 Mar 2022 17:18

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2022

Tgt Ion: 41 Resp: 227

Ion Ratio Lower Upper

41 100

67 82.0 65.2 97.8

39 56.0 43.0 64.6

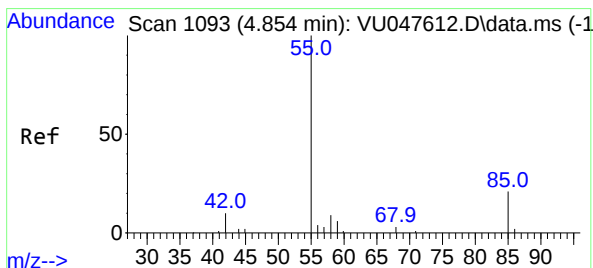
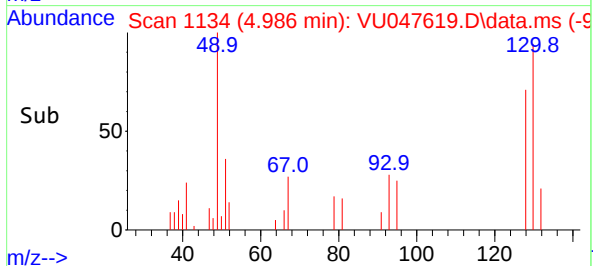
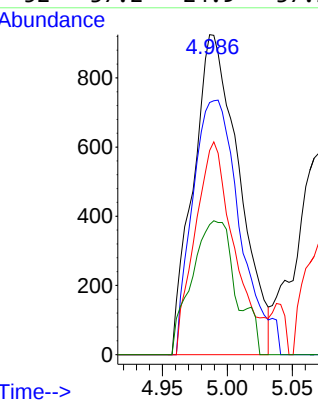
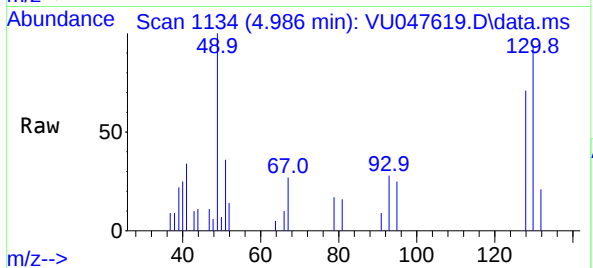
52 37.2 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#40

Methyl acrylate

Concen: 0.984 ug/l

RT: 4.861 min Scan# 1095

Delta R.T. 0.006 min

Lab File: VU047619.D

Acq: 18 Mar 2022 17:18

Tgt Ion: 55 Resp: 3931

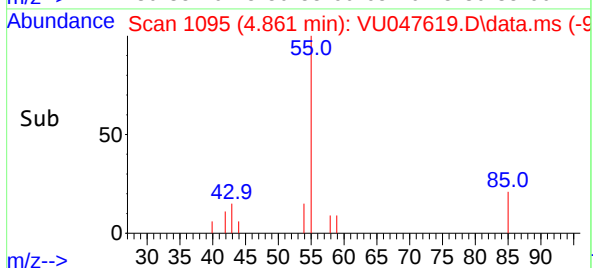
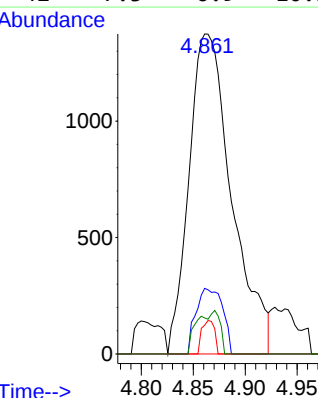
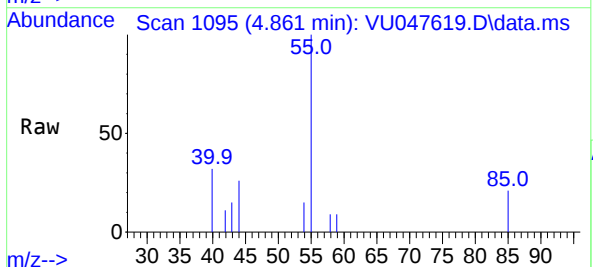
Ion Ratio Lower Upper

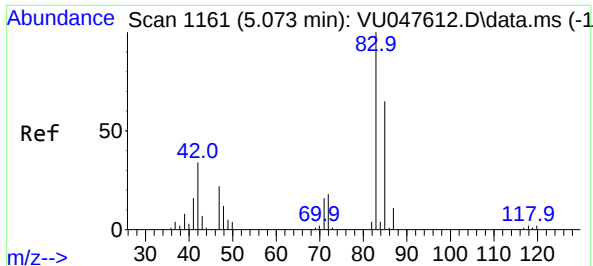
55 100

85 12.7 12.2 18.2

58 3.1 6.7 10.1#

42 7.3 6.9 10.3





#41

Tetrahydrofuran

Concen: 1.747 ug/l

RT: 5.076 min Scan# 1161

Delta R.T. 0.003 min

Lab File: VU047619.D

Acq: 18 Mar 2022 17:18

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2022

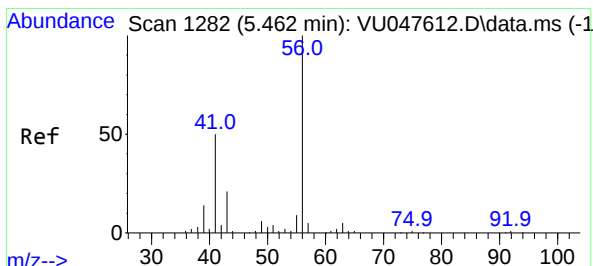
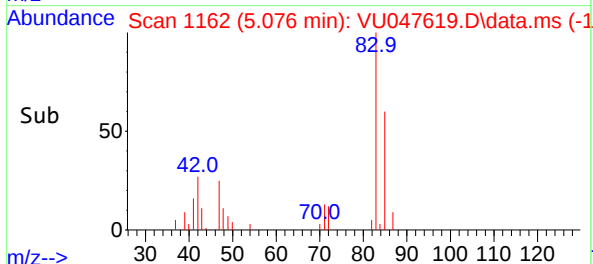
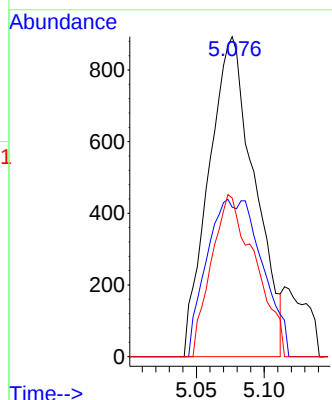
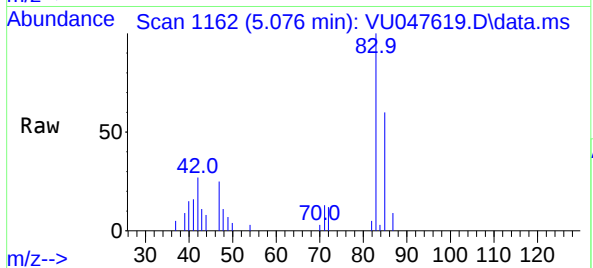
Tgt Ion: 42	Resp: 2090
Ion Ratio	Lower Upper
42	100
72	32.6 42.4 63.6
71	48.5 36.4 54.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#42

1-Chlorobutane

Concen: 1.005 ug/l

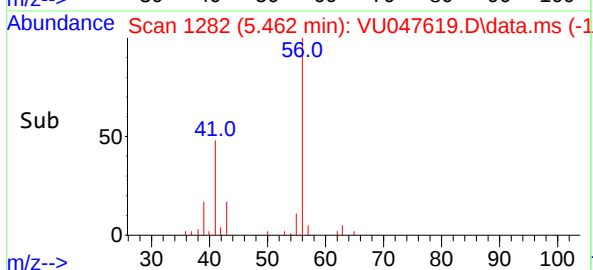
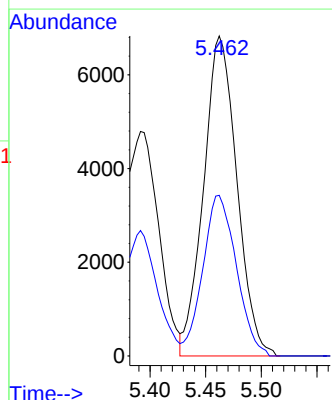
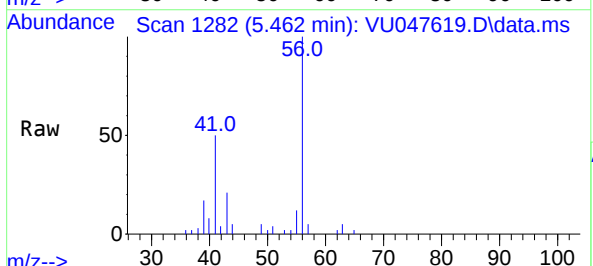
RT: 5.462 min Scan# 1282

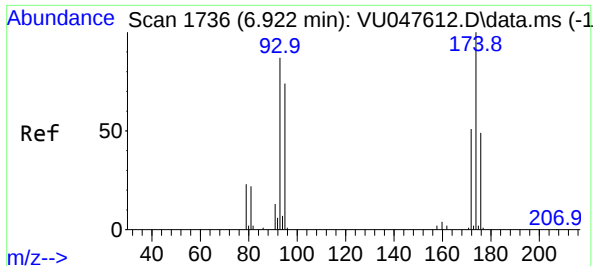
Delta R.T. 0.000 min

Lab File: VU047619.D

Acq: 18 Mar 2022 17:18

Tgt Ion: 56	Resp: 14193
Ion Ratio	Lower Upper
56	100
41	50.8 26.0 78.0





#43

Dibromomethane

Concen: 0.981 ug/l

RT: 6.925 min Scan# 1736

Delta R.T. 0.003 min

Lab File: VU047619.D

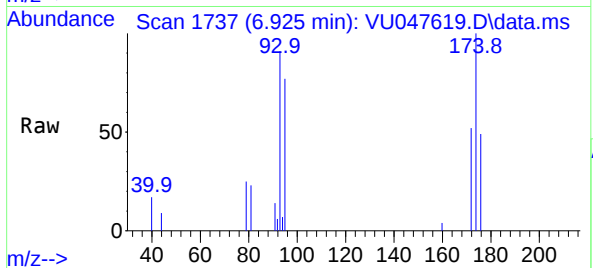
Acq: 18 Mar 2022 17:18

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2022



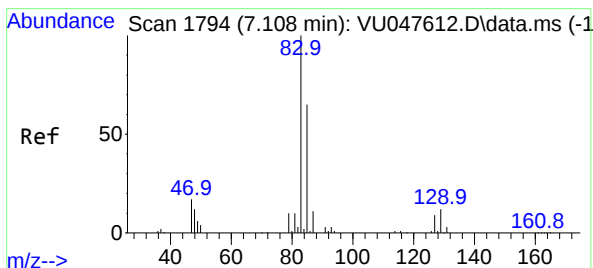
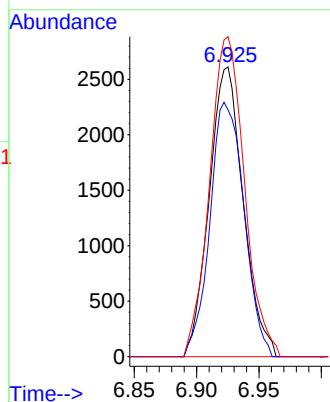
Tgt Ion: 93	Resp: 496
Ion Ratio	Lower Upper
93	100
95	88.0 66.2 99.2
174	113.2 70.7 106.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#44

Bromodichloromethane

Concen: 1.024 ug/l

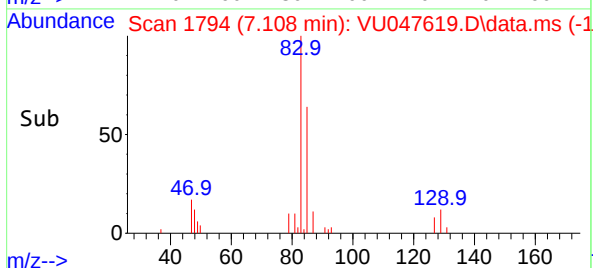
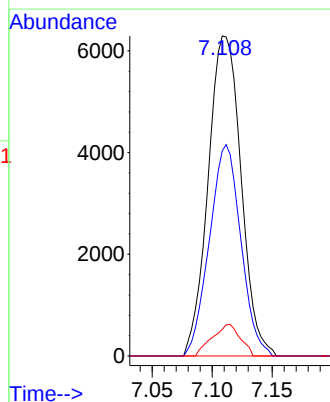
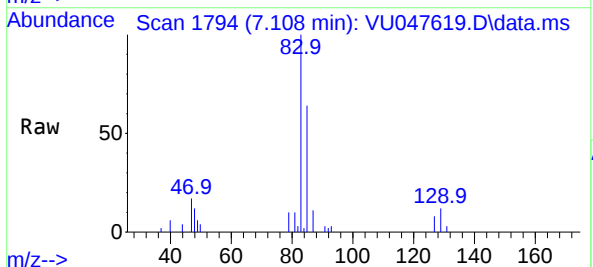
RT: 7.108 min Scan# 1794

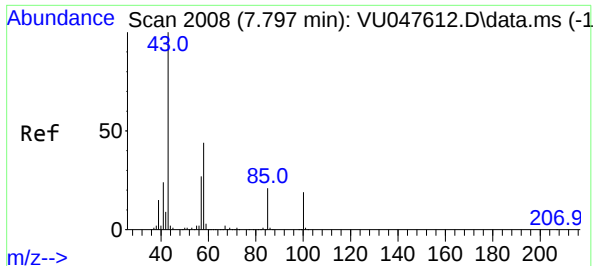
Delta R.T. 0.000 min

Lab File: VU047619.D

Acq: 18 Mar 2022 17:18

Tgt Ion: 83	Resp: 12017
Ion Ratio	Lower Upper
83	100
85	64.1 50.9 76.3
127	8.4 6.0 9.0





#45

4-Methyl-2-Pentanone

Concen: 4.419 ug/l

RT: 7.800 min Scan# 2008

Delta R.T. 0.003 min

Lab File: VU047619.D

Acq: 18 Mar 2022 17:18

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2022

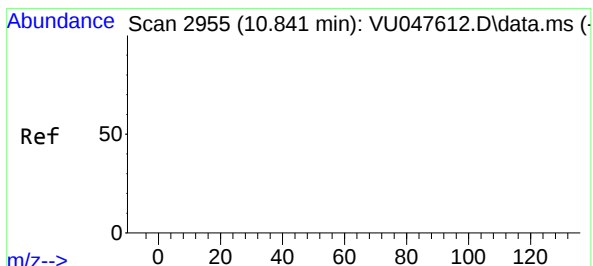
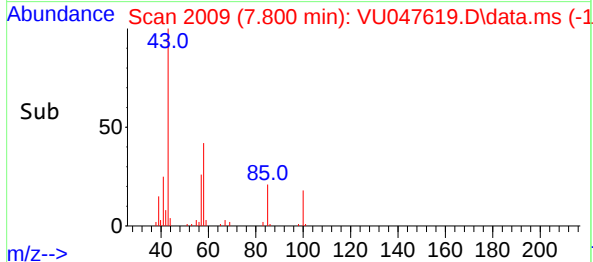
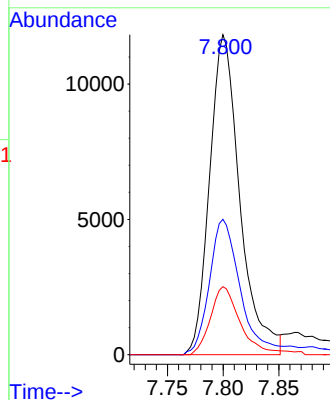
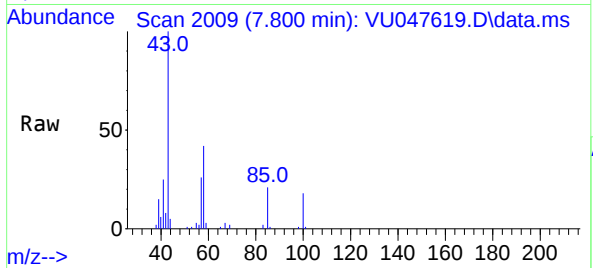
Tgt Ion:	43	Resp:	2235
Ion	Ratio	Lower	Upper
43	100		
58	43.2	21.0	63.0
85	21.4	14.8	22.2

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: 2.283 ug/l m

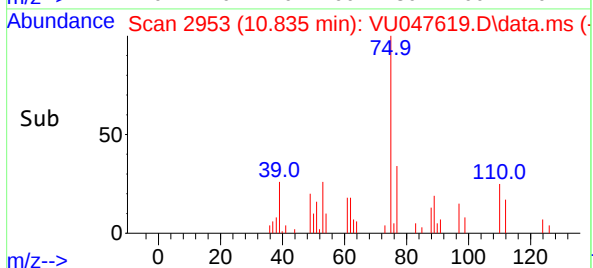
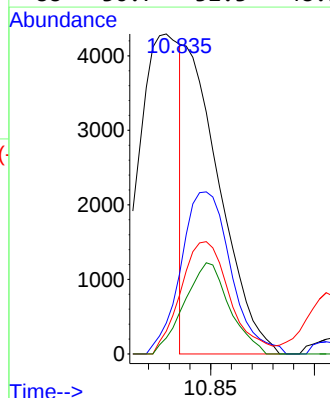
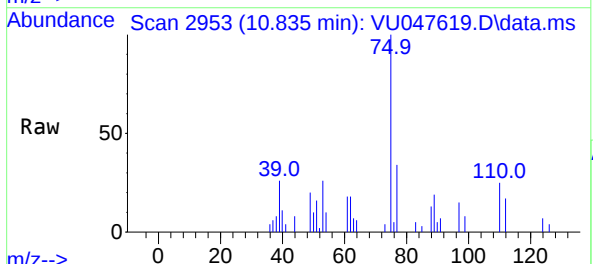
RT: 10.835 min Scan# 2953

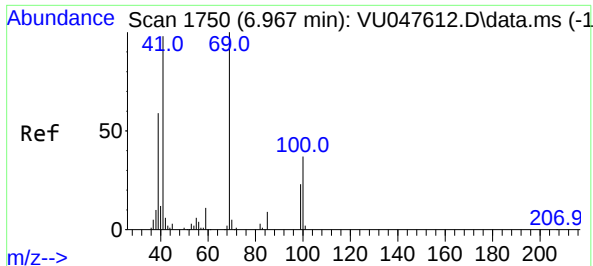
Delta R.T. -0.006 min

Lab File: VU047619.D

Acq: 18 Mar 2022 17:18

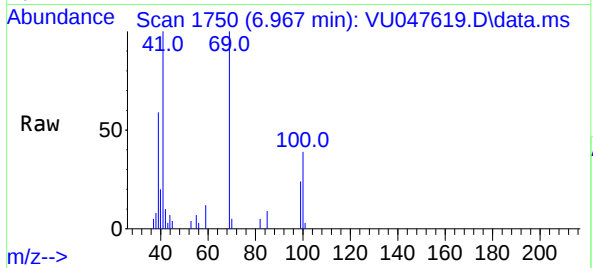
Tgt Ion:	75	Resp:	5018
Ion	Ratio	Lower	Upper
75	100		
53	72.6	66.8	100.2
89	49.4	41.7	62.5
88	36.7	32.3	48.5





#47
Methyl methacrylate
Concen: 1.847 ug/l
RT: 6.967 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

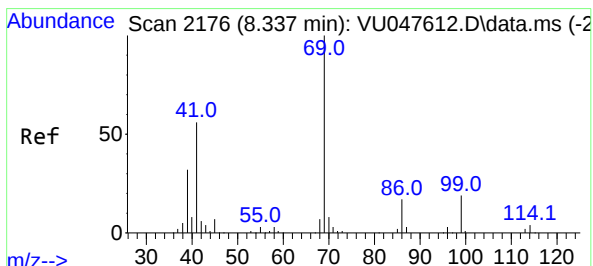
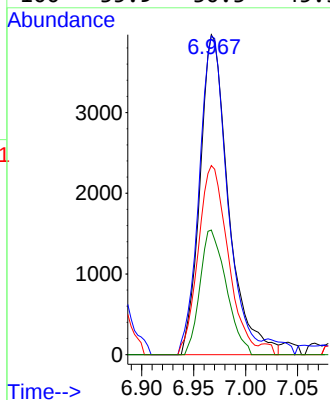
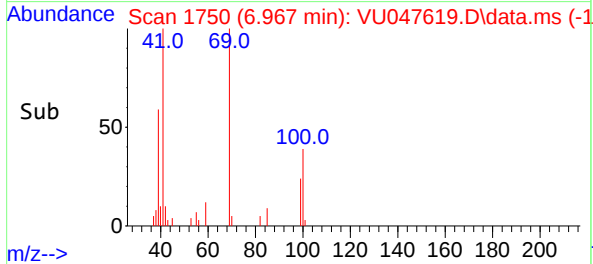
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2022



Tgt Ion: 69 Resp: 756
Ion Ratio Lower Upper
69 100
41 98.7 0.0 230.0
39 61.9 55.1 82.7
100 35.9 30.3 45.5

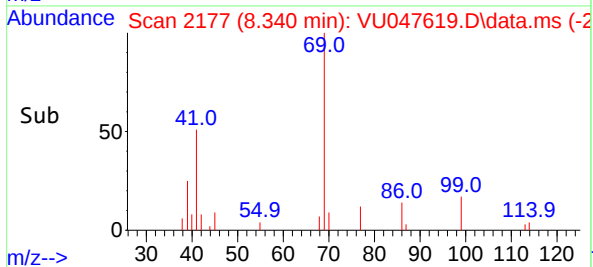
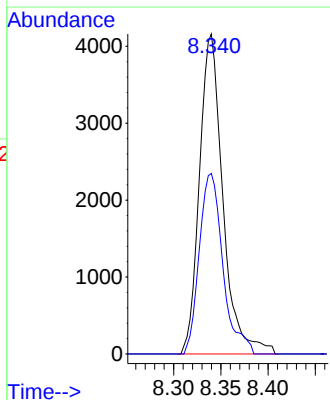
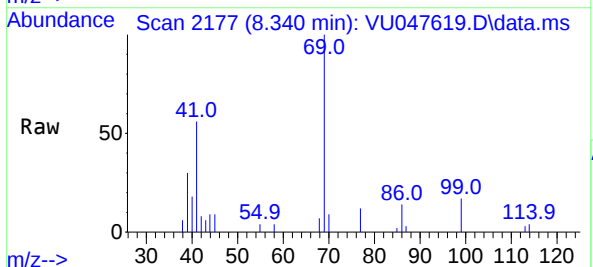
Manual Integrations
APPROVED

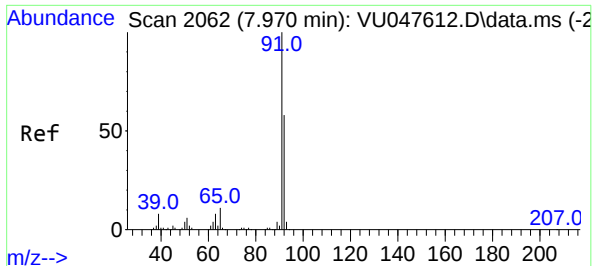
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#48
Ethyl methacrylate
Concen: 0.928 ug/l
RT: 8.340 min Scan# 2177
Delta R.T. 0.003 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

Tgt Ion: 69 Resp: 7159
Ion Ratio Lower Upper
69 100
41 56.9 32.6 98.0





#49

Toluene

Concen: 1.008 ug/l

RT: 7.973 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU047619.D

Acq: 18 Mar 2022 17:18

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2022

Tgt Ion: 92 Resp: 20318

Ion Ratio Lower Upper

92 100

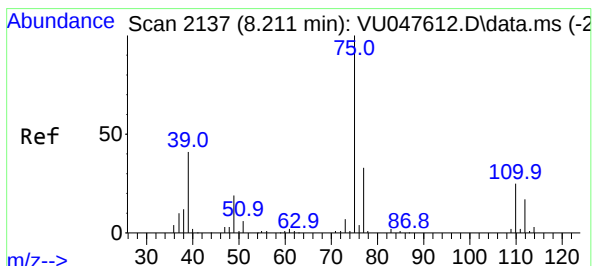
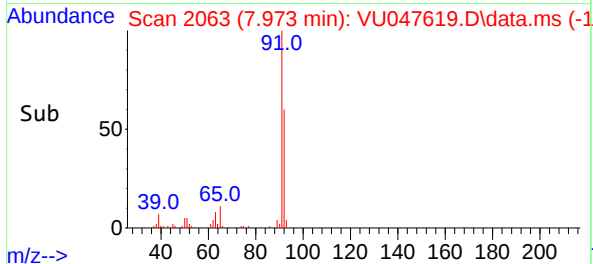
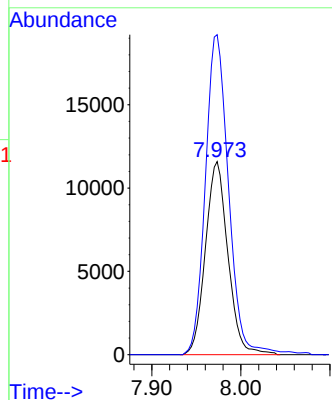
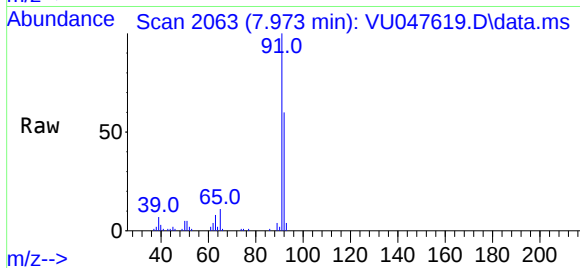
91 170.3 136.8 205.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#50

t-1,3-Dichloropropene

Concen: 0.961 ug/l

RT: 8.214 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU047619.D

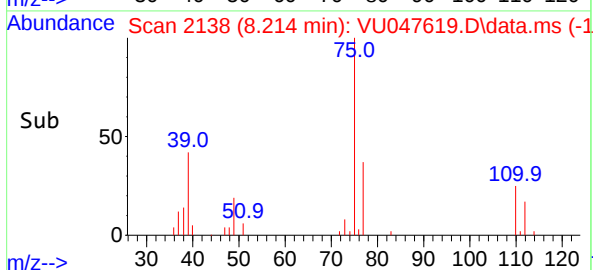
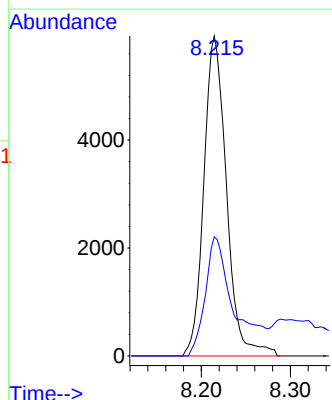
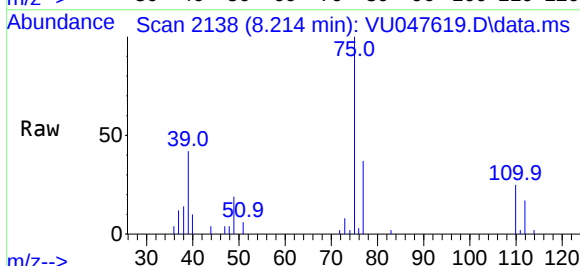
Acq: 18 Mar 2022 17:18

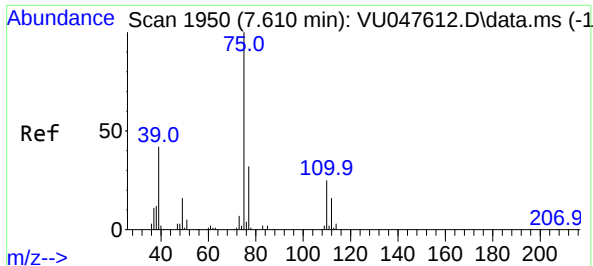
Tgt Ion: 75 Resp: 10450

Ion Ratio Lower Upper

75 100

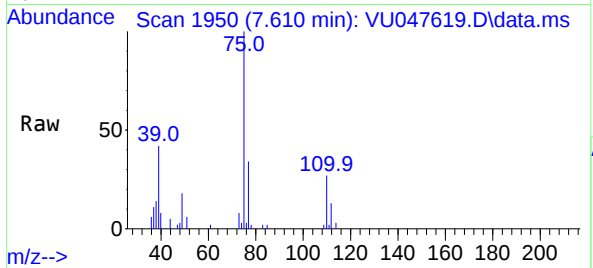
77 37.2 25.6 38.4





#51
cis-1,3-Dichloropropene
Concen: 0.917 ug/l
RT: 7.610 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

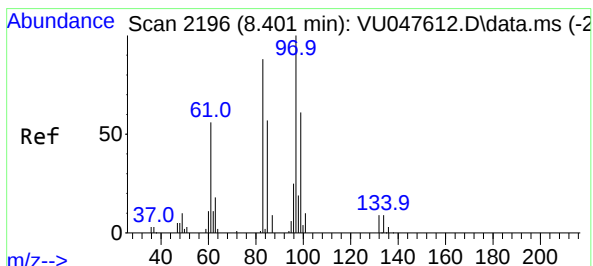
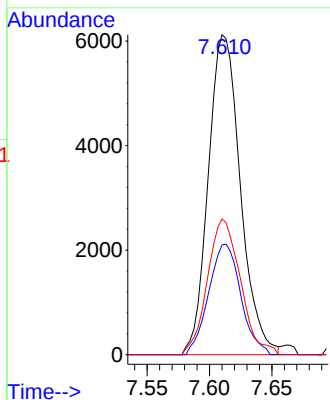
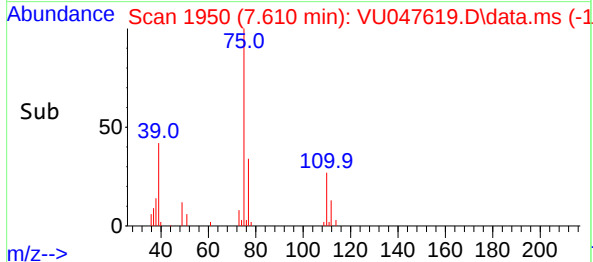
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2022



Tgt Ion: 75 Resp: 1098
Ion Ratio Lower Upper
75 100
77 34.3 25.2 37.8
39 42.4 38.6 57.8

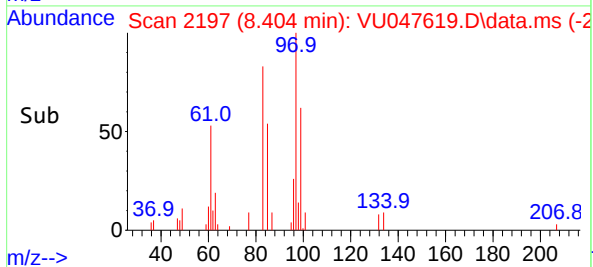
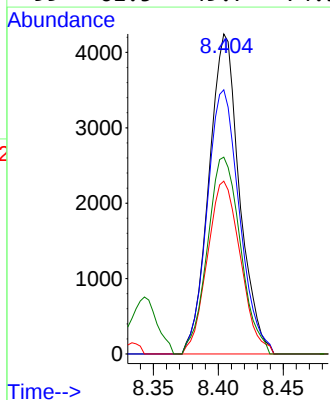
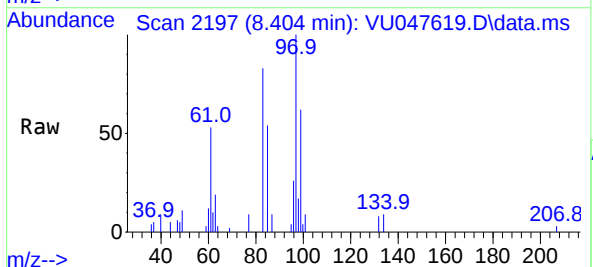
Manual Integrations
APPROVED

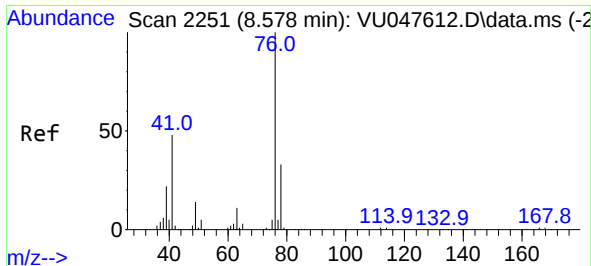
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#52
1,1,2-Trichloroethane
Concen: 0.986 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. 0.003 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

Tgt Ion: 97 Resp: 6945
Ion Ratio Lower Upper
97 100
83 82.6 69.8 104.8
85 54.0 44.2 66.4
99 61.5 49.7 74.5





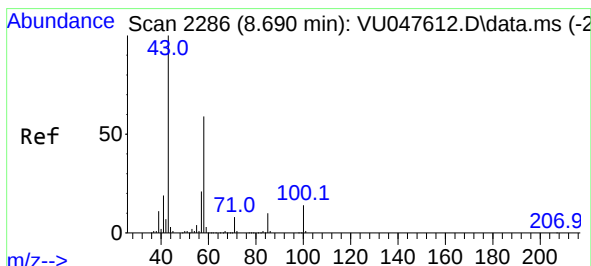
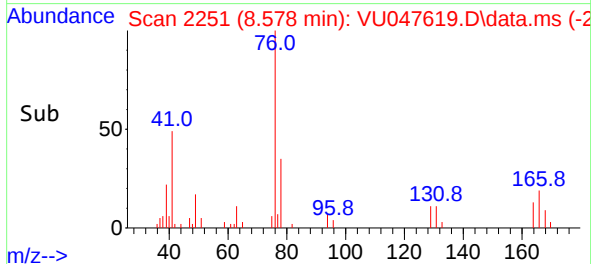
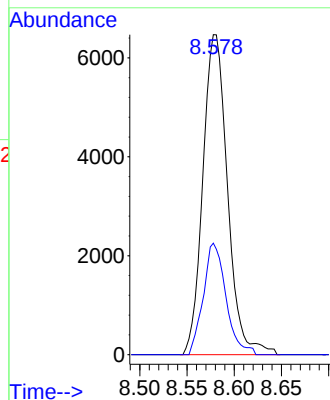
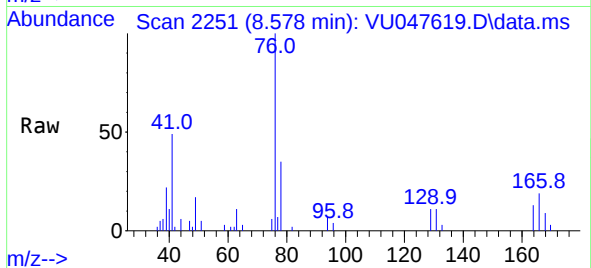
#53
1,3-Dichloropropane
Concen: 1.025 ug/l
RT: 8.578 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2022

Tgt Ion: 76 Resp: 1175
Ion Ratio Lower Upper
76 100
78 31.9 25.4 38.2

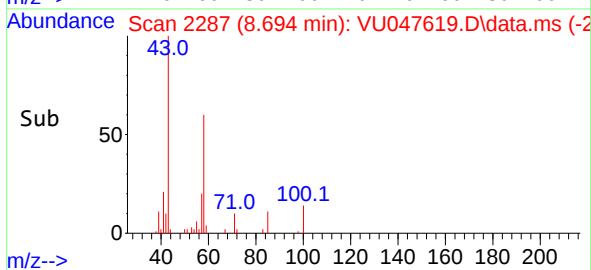
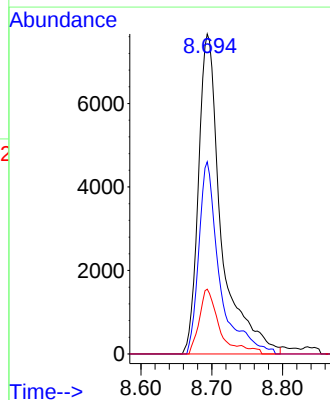
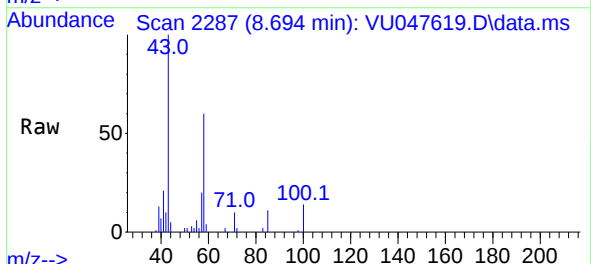
Manual Integrations
APPROVED

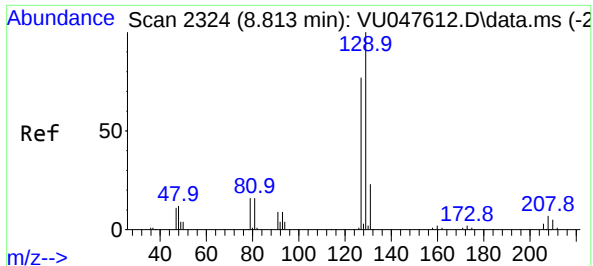
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#54
2-Hexanone
Concen: 4.646 ug/l
RT: 8.694 min Scan# 2287
Delta R.T. 0.003 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

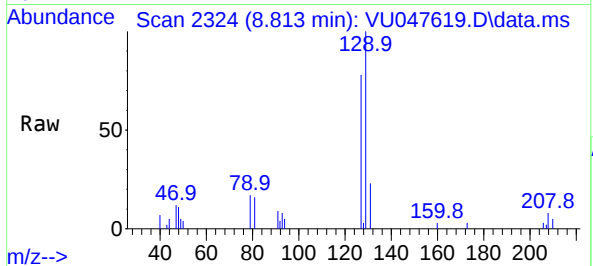
Tgt Ion: 43 Resp: 17164
Ion Ratio Lower Upper
43 100
58 54.7 37.7 77.7
57 16.4 0.5 40.5





#55
Dibromochloromethane
Concen: 1.036 ug/l
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

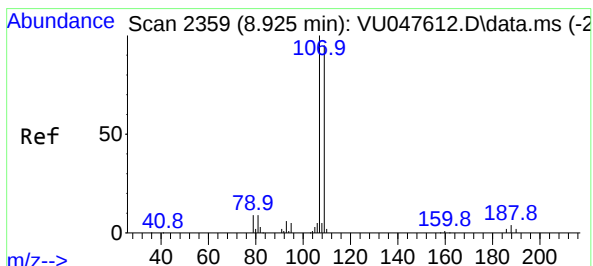
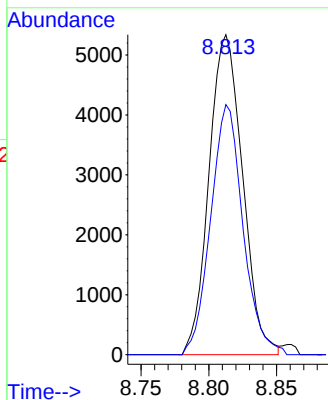
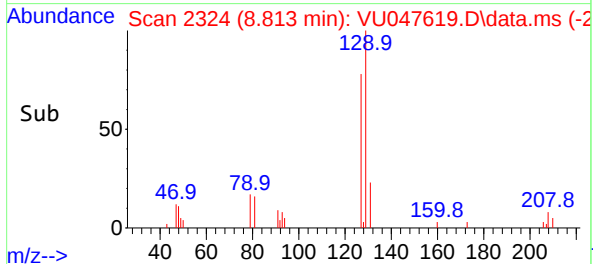
Instrument : MSVOA_U
ClientSampleId : LOQ-WATER-02-QT1-2022



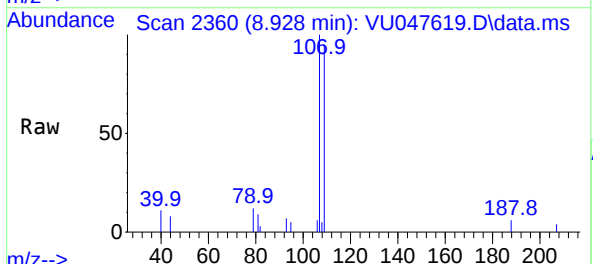
Tgt Ion:129 Resp: 9215
Ion Ratio Lower Upper
129 100
127 75.1 62.2 93.4

Manual Integrations
APPROVED

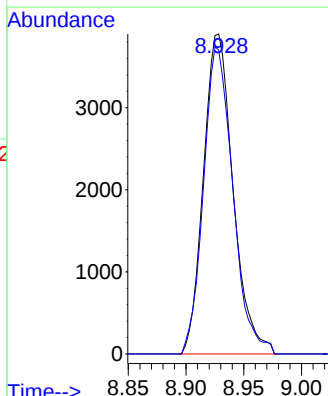
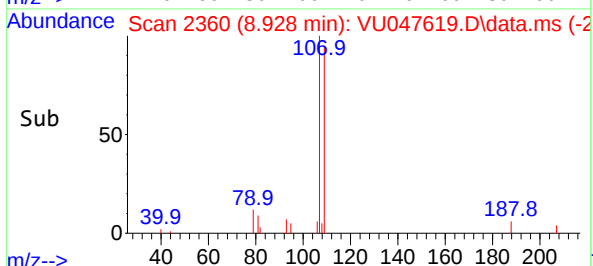
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

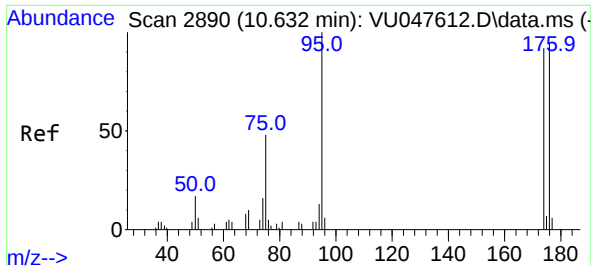


#56
1,2-Dibromoethane
Concen: 0.993 ug/l
RT: 8.928 min Scan# 2360
Delta R.T. 0.003 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18



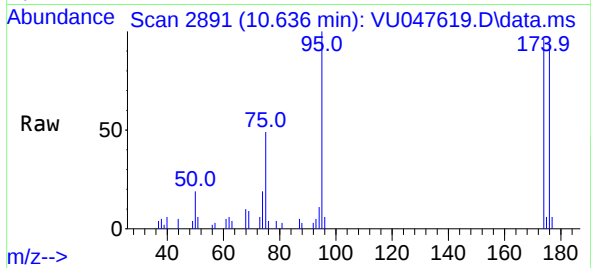
Tgt Ion:107 Resp: 6961
Ion Ratio Lower Upper
107 100
109 95.0 0.0 185.0





#57
4-Bromofluorobenzene
Concen: 0.884 ug/l
RT: 10.636 min Scan# 2890
Delta R.T. 0.003 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

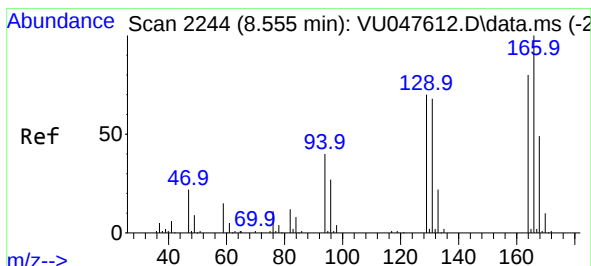
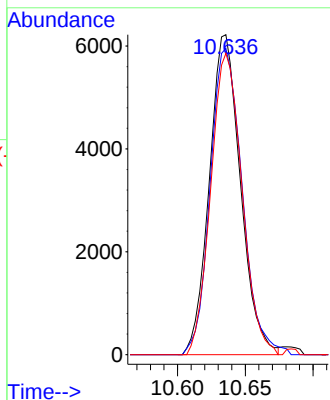
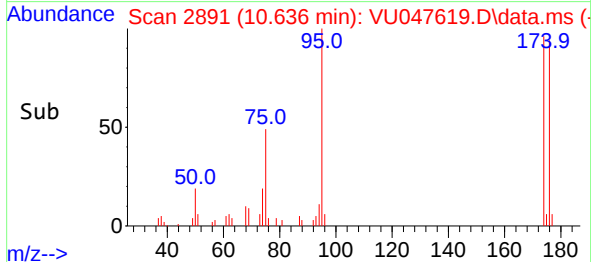
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2022



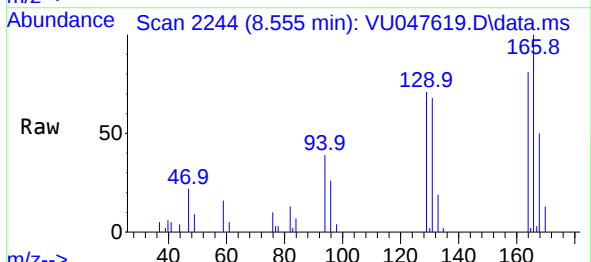
Tgt Ion: 95 Resp: 994
Ion Ratio Lower Upper
95 100
174 98.2 56.6 84.8
176 94.2 54.3 81.5

Manual Integrations
APPROVED

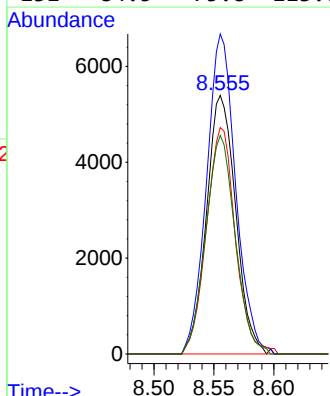
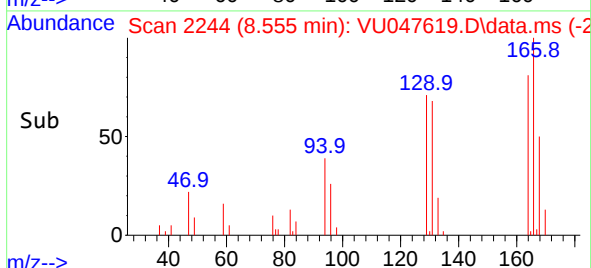
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

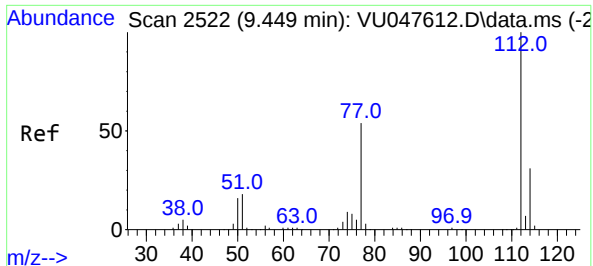


#58
Tetrachloroethene
Concen: 1.047 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18



Tgt Ion:164 Resp: 9143
Ion Ratio Lower Upper
164 100
166 123.7 102.0 153.0
129 87.6 77.1 115.7
131 84.5 75.8 113.6





#59

Chlorobenzene

Concen: 1.005 ug/l

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU047619.D

Acq: 18 Mar 2022 17:18

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2022

Tgt Ion:112 Resp: 2360

Ion Ratio Lower Upper

112 100

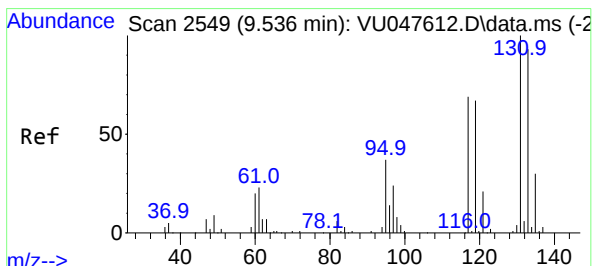
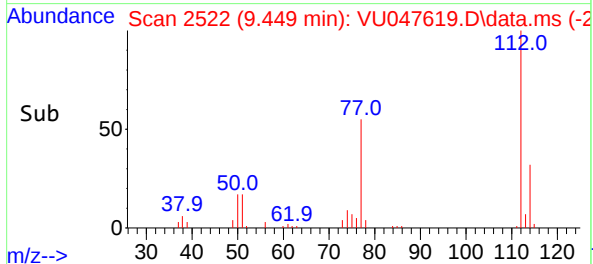
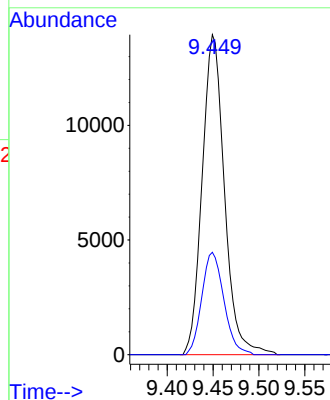
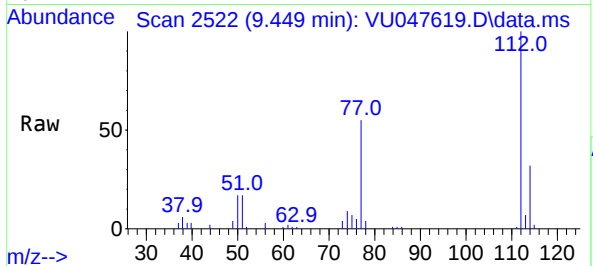
114 32.0 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#60

1,1,1,2-Tetrachloroethane

Concen: 1.027 ug/l

RT: 9.536 min Scan# 2549

Delta R.T. 0.000 min

Lab File: VU047619.D

Acq: 18 Mar 2022 17:18

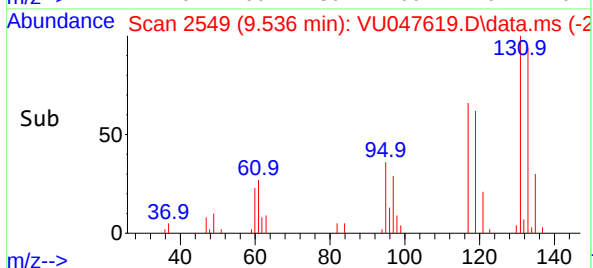
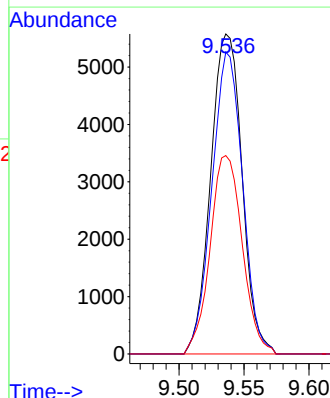
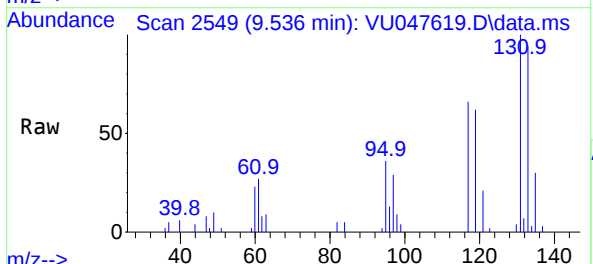
Tgt Ion:131 Resp: 9367

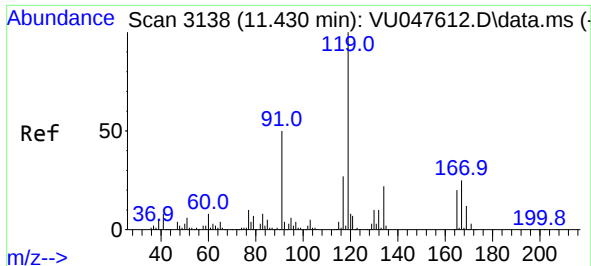
Ion Ratio Lower Upper

131 100

133 92.6 76.0 114.0

119 63.6 54.9 82.3





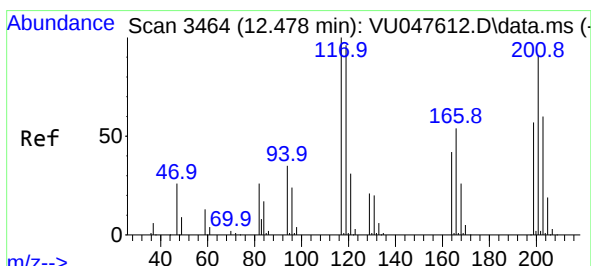
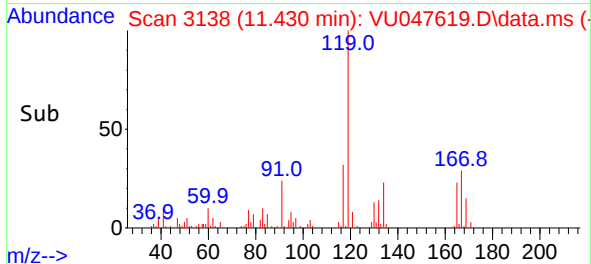
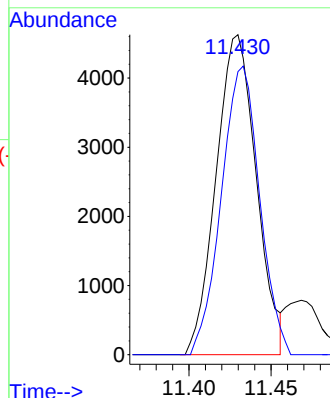
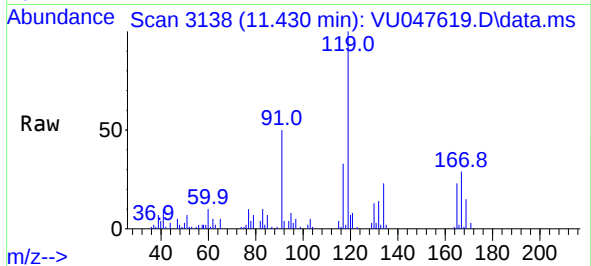
#61
Pentachloroethane
Concen: 1.021 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. 0.000 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2022

Tgt Ion:117 Resp: 788
Ion Ratio Lower Upper
117 100
167 85.9 59.7 89.5

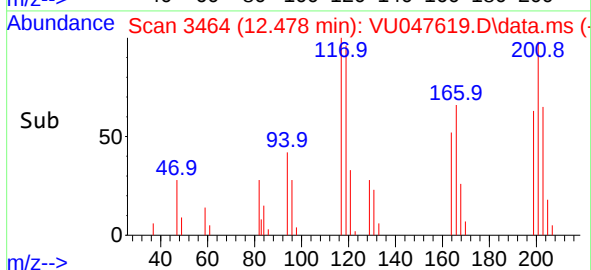
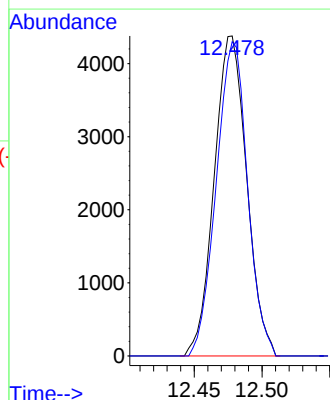
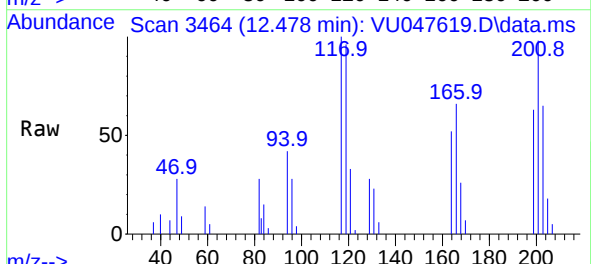
Manual Integrations
APPROVED

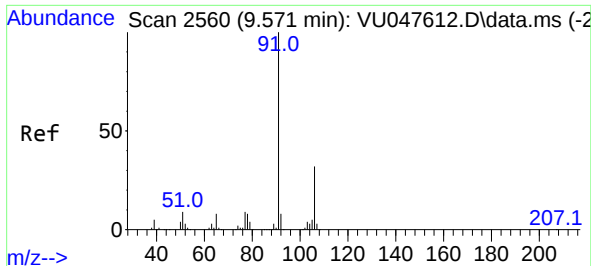
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#62
Hexachloroethane
Concen: 0.952 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.000 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

Tgt Ion:117 Resp: 7297
Ion Ratio Lower Upper
117 100
201 94.4 53.6 80.4#





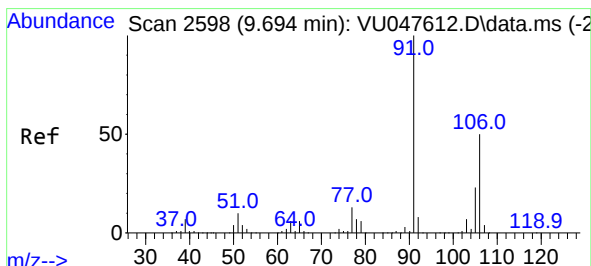
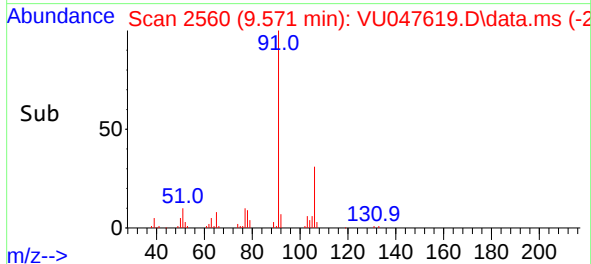
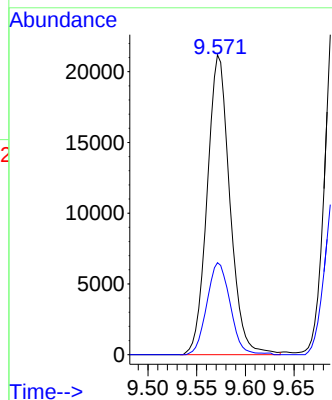
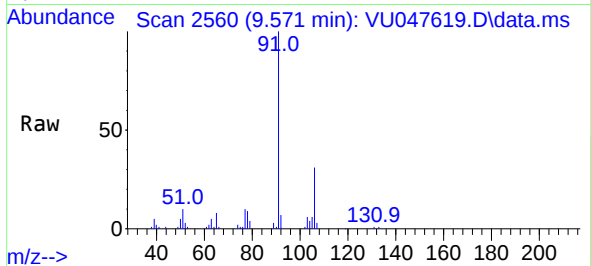
#63
Ethyl Benzene
Concen: 0.934 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2022

Tgt Ion: 91 Resp: 3436
Ion Ratio Lower Upper
91 100
106 30.7 24.4 36.6

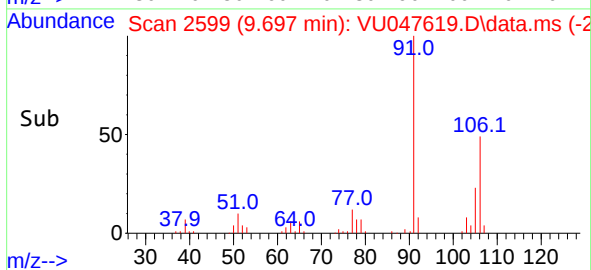
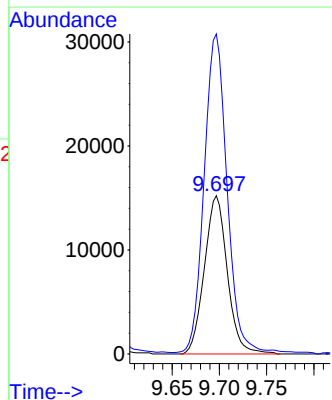
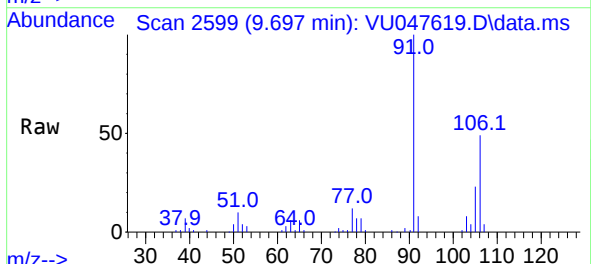
Manual Integrations
APPROVED

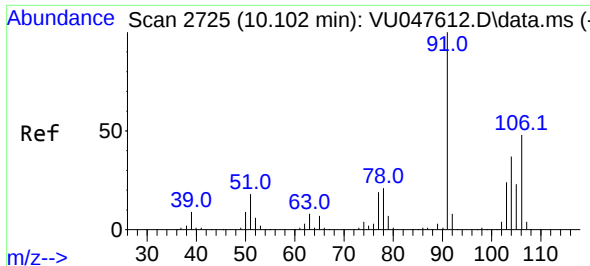
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#64
m/p-Xylenes
Concen: 1.760 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

Tgt Ion:106 Resp: 25690
Ion Ratio Lower Upper
106 100
91 200.6 165.5 248.3





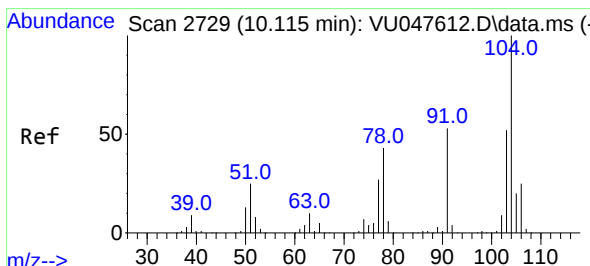
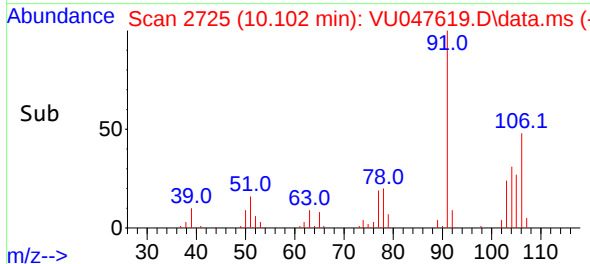
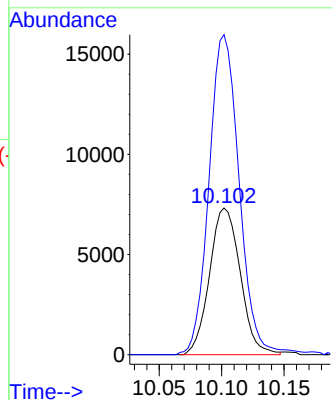
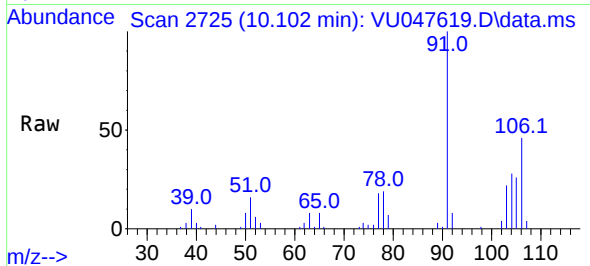
#65
o-Xylene
Concen: 0.910 ug/l
RT: 10.102 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2022

Tgt Ion:106 Resp: 12574
Ion Ratio Lower Upper
106 100
91 214.4 109.4 328.2

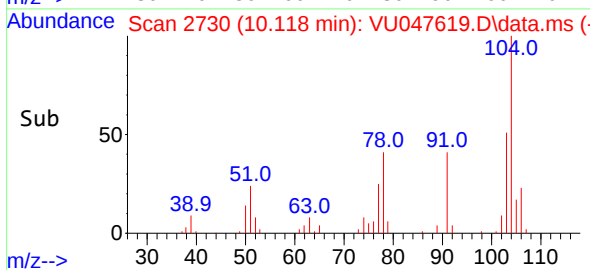
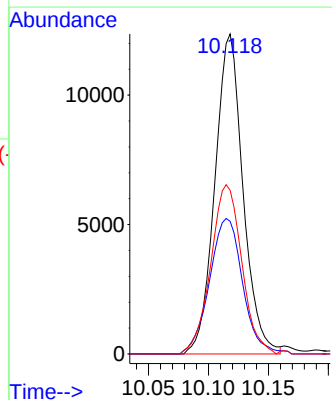
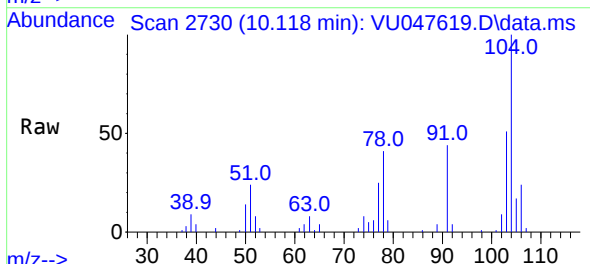
Manual Integrations
APPROVED

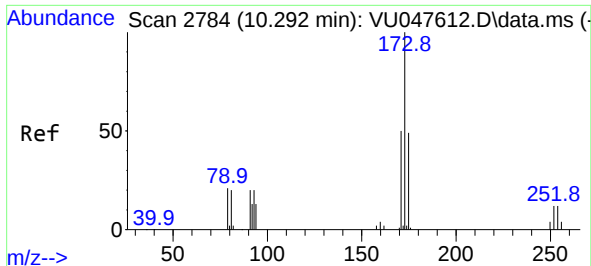
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#66
Styrene
Concen: 0.847 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

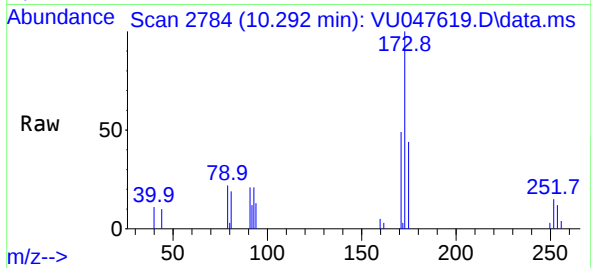
Tgt Ion:104 Resp: 20176
Ion Ratio Lower Upper
104 100
78 49.8 42.4 63.6
103 58.2 44.2 66.4





#67
Bromoform
Concen: 1.008 ug/l
RT: 10.292 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

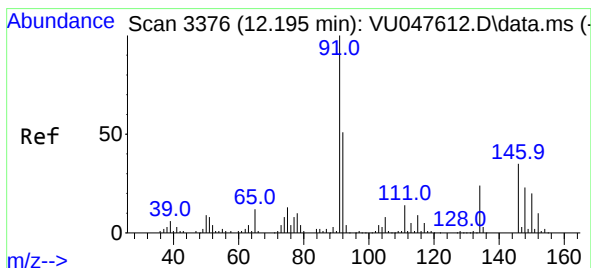
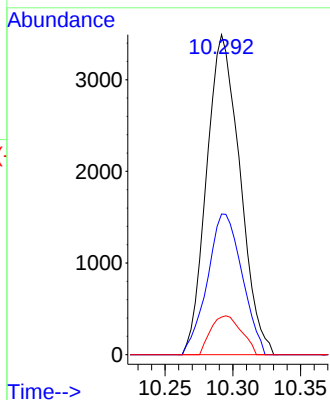
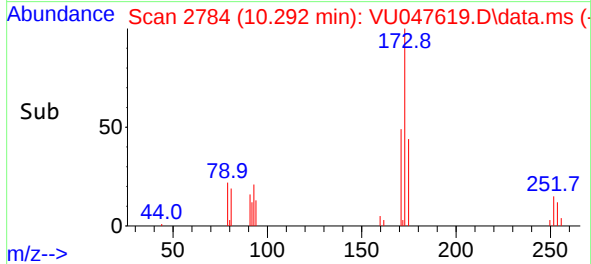
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2022



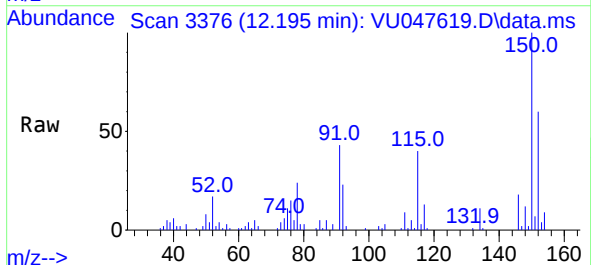
Tgt Ion:173 Resp: 596
Ion Ratio Lower Upper
173 100
175 45.7 39.0 58.4
254 11.1 5.5 8.3

Manual Integrations
APPROVED

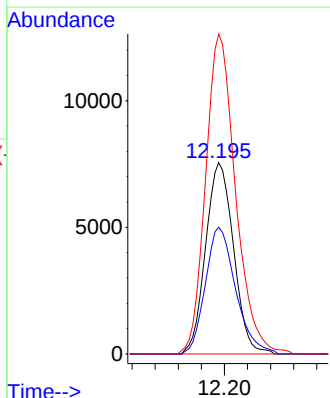
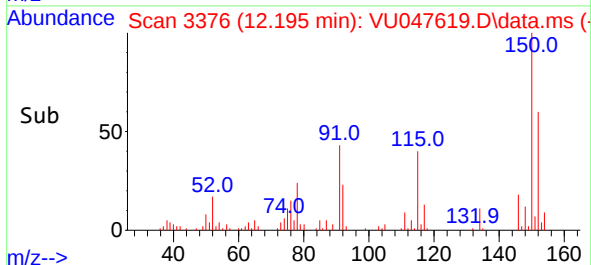
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

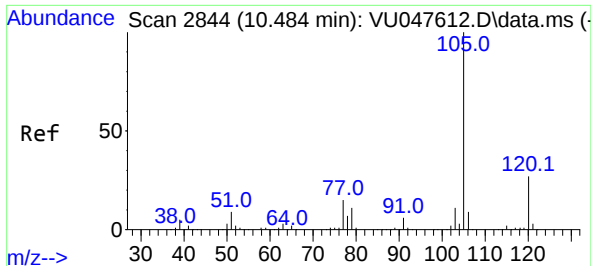


#68
1,2-Dichlorobenzene-d4
Concen: 0.931 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. 0.000 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18



Tgt Ion:152 Resp: 12703
Ion Ratio Lower Upper
152 100
115 71.8 0.0 251.0
150 179.1 0.0 613.8





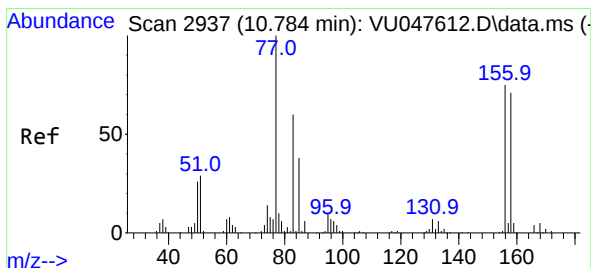
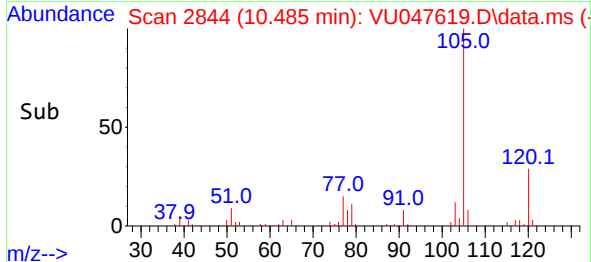
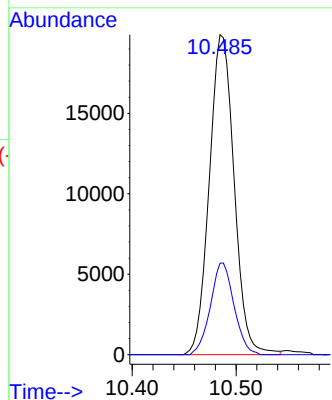
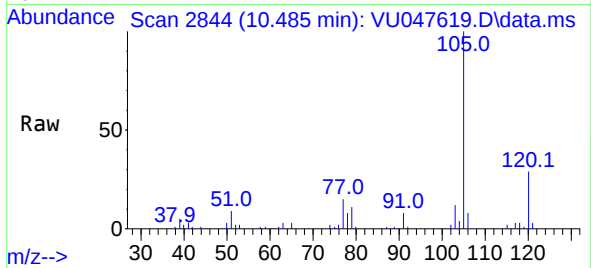
#69
Isopropylbenzene
Concen: 0.903 ug/l
RT: 10.485 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2022

Tgt Ion:105 Resp: 3301
Ion Ratio Lower Upper
105 100
120 27.2 12.8 38.4

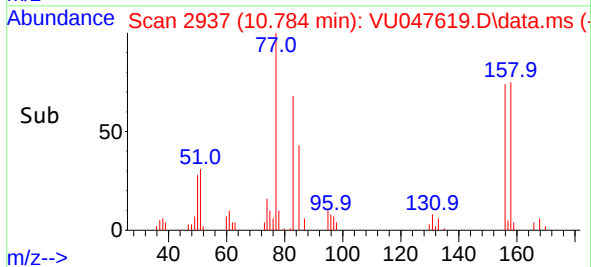
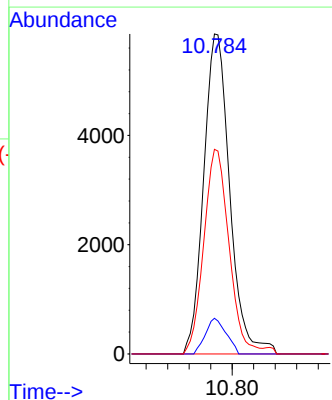
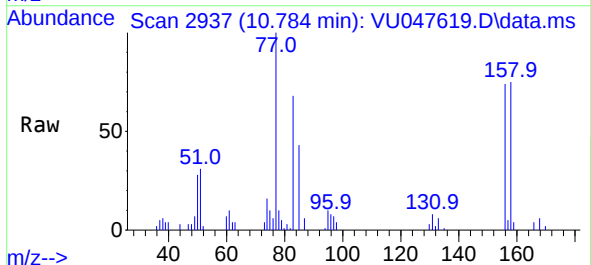
Manual Integrations
APPROVED

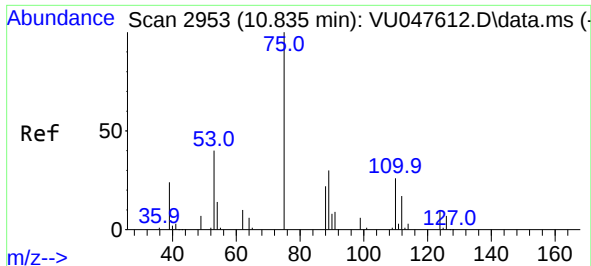
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#70
1,1,2,2-Tetrachloroethane
Concen: 1.049 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

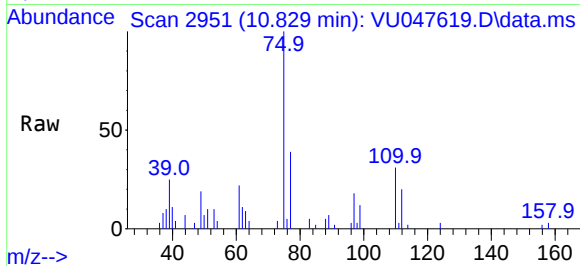
Tgt Ion: 83 Resp: 9843
Ion Ratio Lower Upper
83 100
131 8.8 7.6 11.4
85 61.9 50.9 76.3





#71
1,2,3-Trichloropropane
Concen: 0.852 ug/l m
RT: 10.829 min Scan# 2951
Delta R.T. -0.006 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

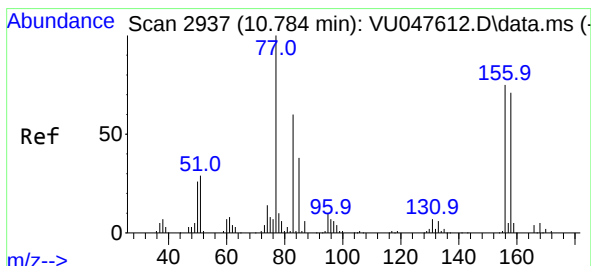
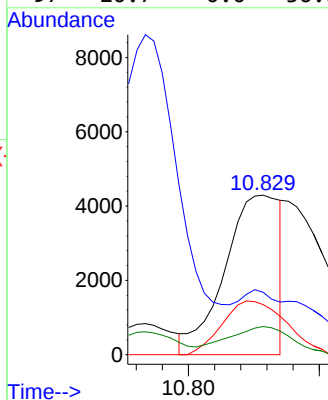
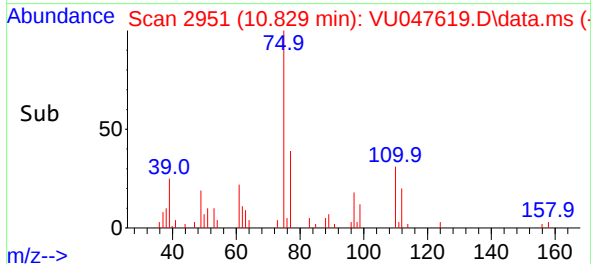
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2022



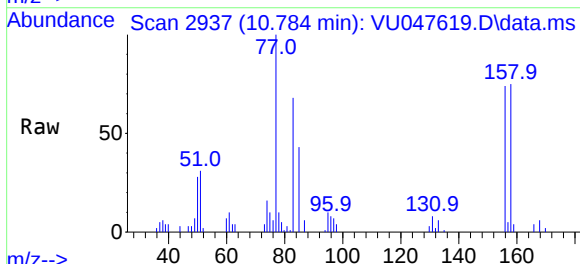
Tgt Ion: 75	Resp: 6310
Ion Ratio	Lower Upper
75 100	
77 53.9	0.0 105.6
110 39.0	0.0 71.2
97 20.7	0.0 36.8

Manual Integrations
APPROVED

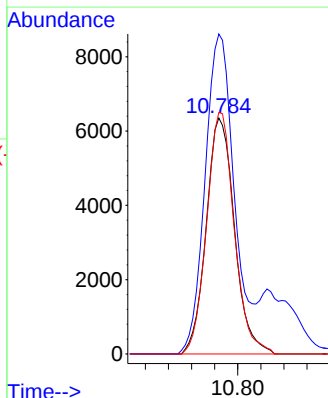
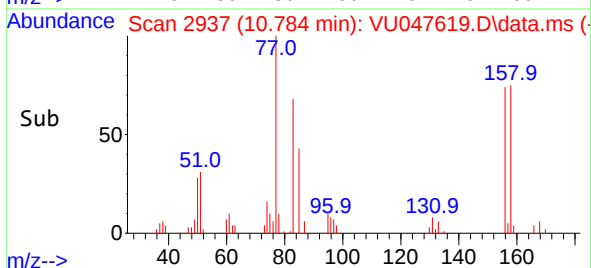
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

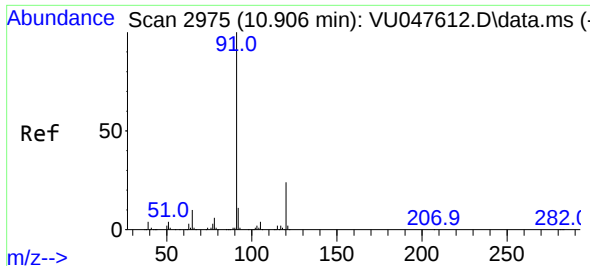


#72
Bromobenzene
Concen: 0.985 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18



Tgt Ion:156	Resp:	10797	
Ion	Ratio	Lower	Upper
156	100		
77	140.3	0.0	370.6
158	99.9	0.0	193.4





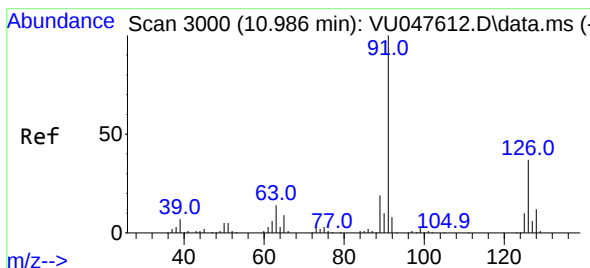
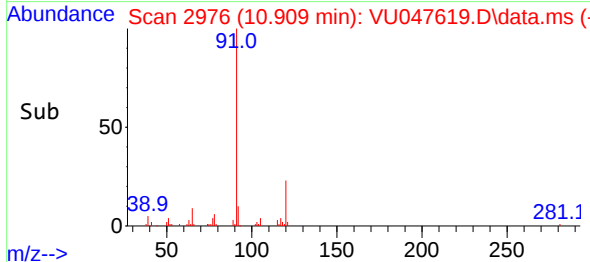
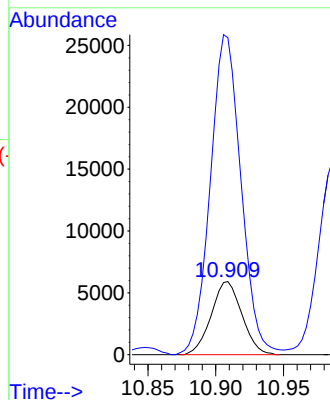
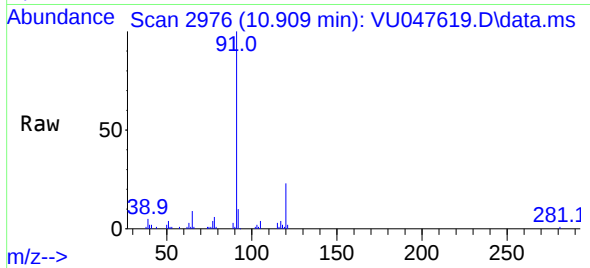
#73
n-propylbenzene
Concen: 0.876 ug/l
RT: 10.909 min Scan# 2975
Delta R.T. 0.003 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2022

Tgt Ion:120 Resp: 9306
Ion Ratio Lower Upper
120 100
91 438.2 370.7 556.1

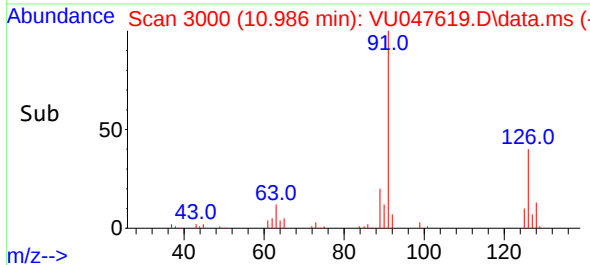
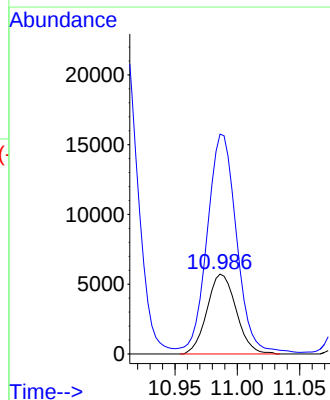
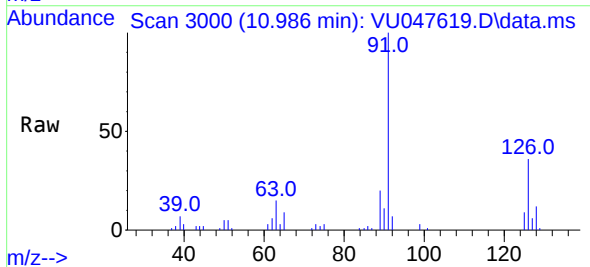
Manual Integrations
APPROVED

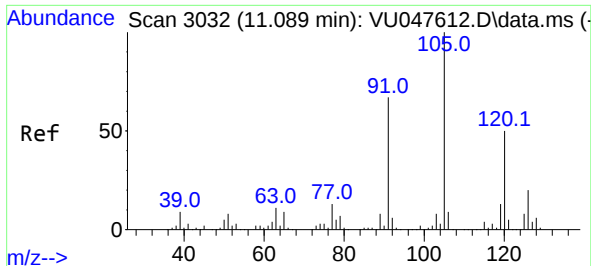
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#74
2-Chlorotoluene
Concen: 0.955 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.000 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

Tgt Ion:126 Resp: 9306
Ion Ratio Lower Upper
126 100
91 280.5 0.0 639.6





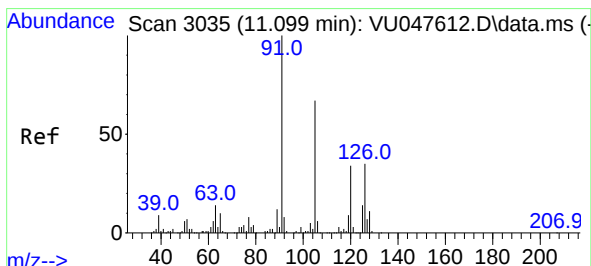
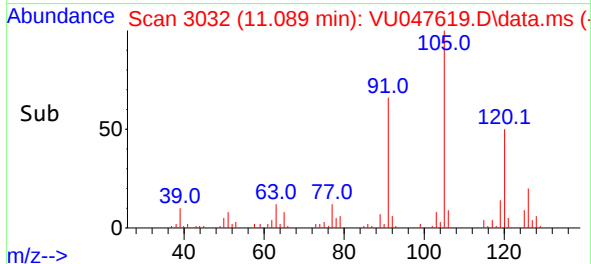
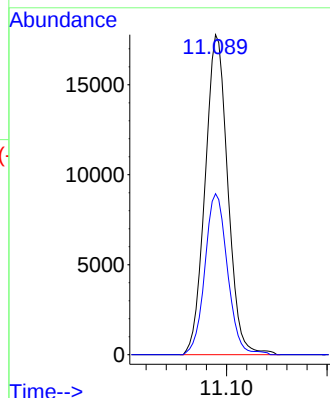
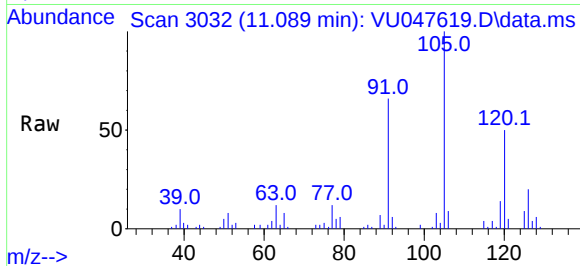
#75
1,3,5-Trimethylbenzene
Concen: 0.894 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2022

Tgt Ion:105 Resp: 27840
Ion Ratio Lower Upper
105 100
120 50.1 38.6 58.0

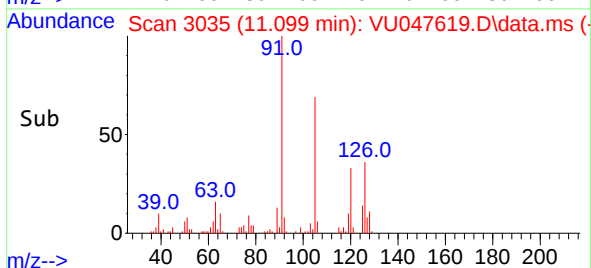
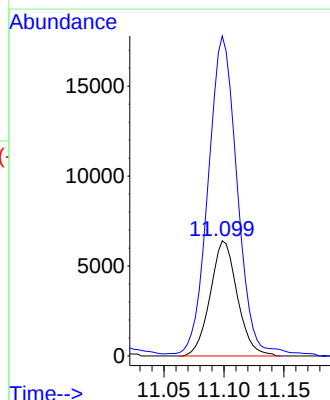
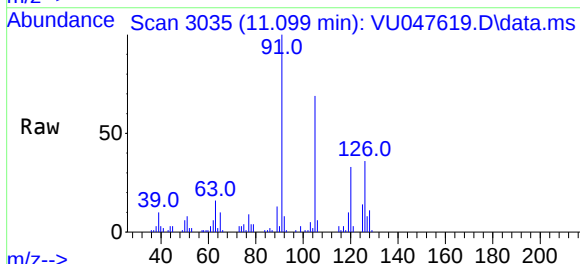
Manual Integrations
APPROVED

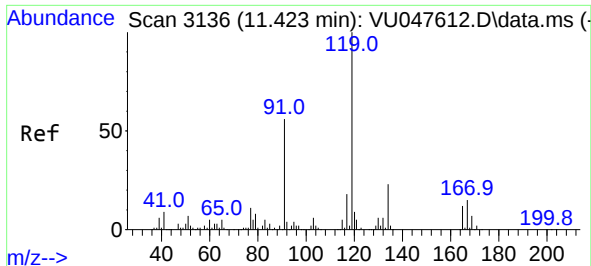
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#76
4-Chlorotoluene
Concen: 0.969 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

Tgt Ion:126 Resp: 10051
Ion Ratio Lower Upper
126 100
91 301.2 0.0 728.0





#77

tert-Butylbenzene

Concen: 0.943 ug/l

RT: 11.420 min Scan# 3136

Delta R.T. -0.003 min

Lab File: VU047619.D

Acq: 18 Mar 2022 17:18

Instrument :

MSVOA_U

ClientSampleId :

LOQ-WATER-02-QT1-2022

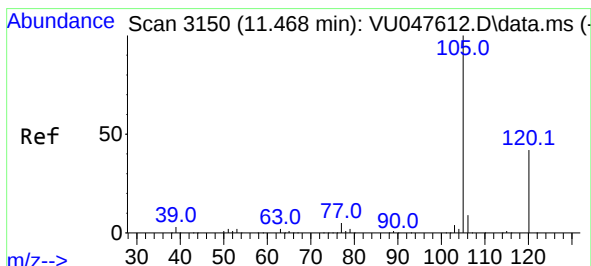
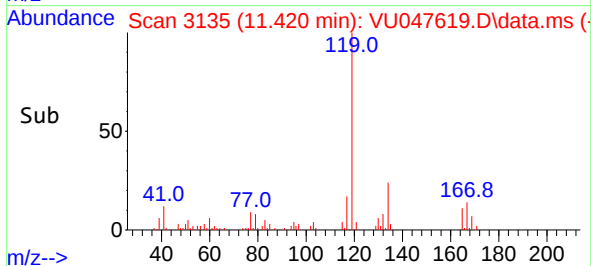
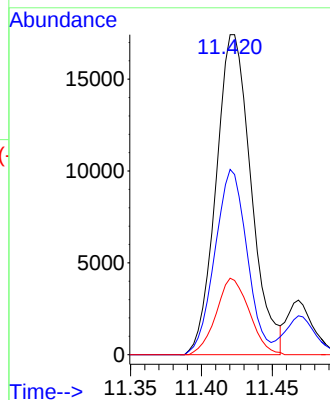
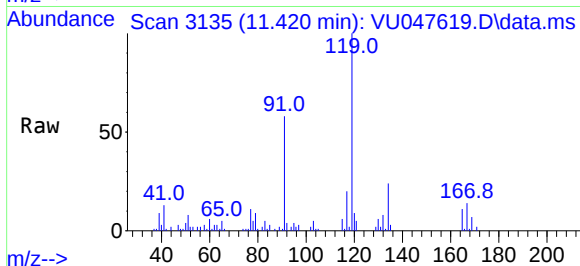
Tgt Ion:	119	Resp:	30049
Ion Ratio	Lower	Upper	
119	100		
91	53.2	31.4	94.3
134	22.6	18.5	27.7

Manual Integrations

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Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#78

1,2,4-Trimethylbenzene

Concen: 0.905 ug/l

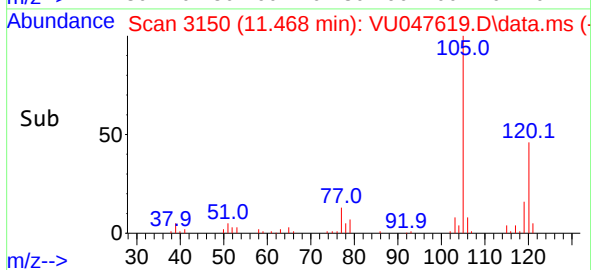
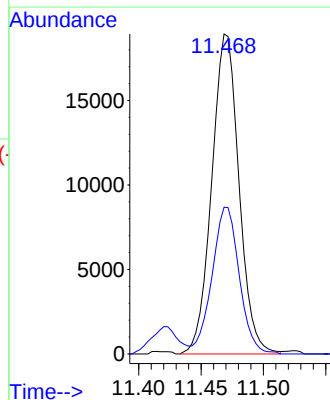
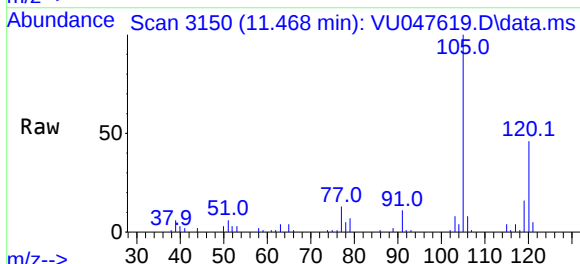
RT: 11.468 min Scan# 3150

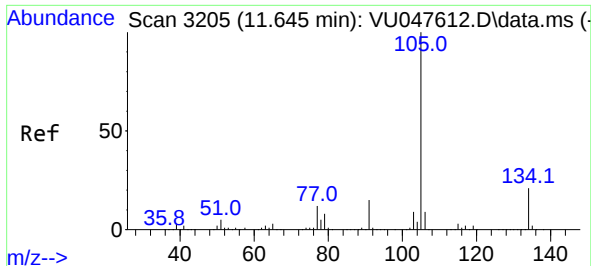
Delta R.T. 0.000 min

Lab File: VU047619.D

Acq: 18 Mar 2022 17:18

Tgt Ion:	105	Resp:	28819
Ion Ratio	Lower	Upper	
105	100		
120	45.8	22.3	66.8





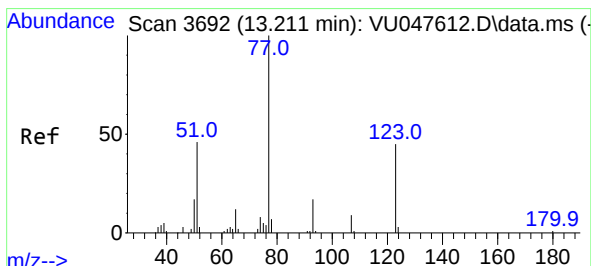
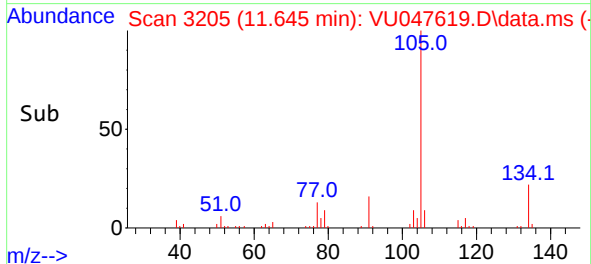
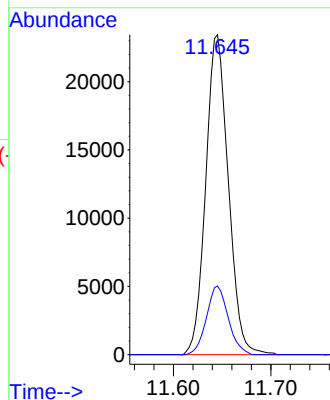
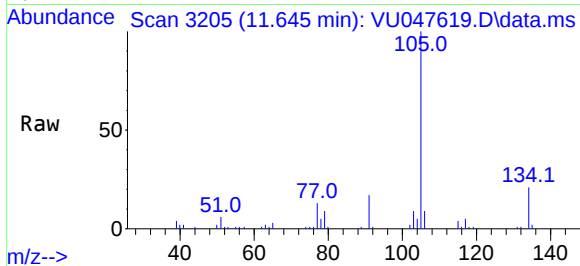
#79
 sec-Butylbenzene
 Concen: 0.907 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU047619.D
 Acq: 18 Mar 2022 17:18

Instrument :
 MSVOA_U
 ClientSampleId :
 LOQ-WATER-02-QT1-2022

Tgt Ion:105 Resp: 37679
 Ion Ratio Lower Upper
 105 100
 134 20.7 15.4 23.0

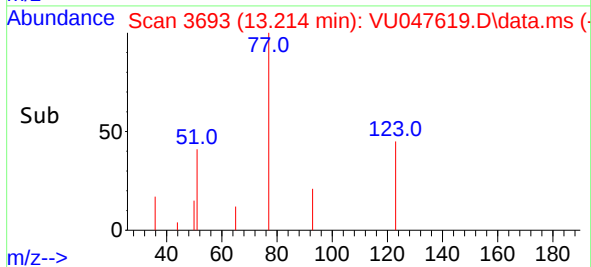
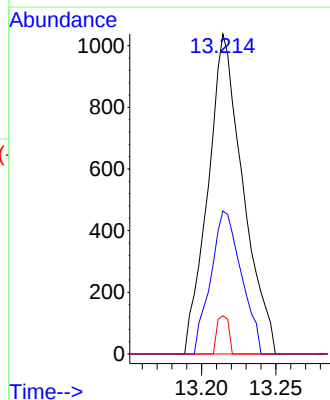
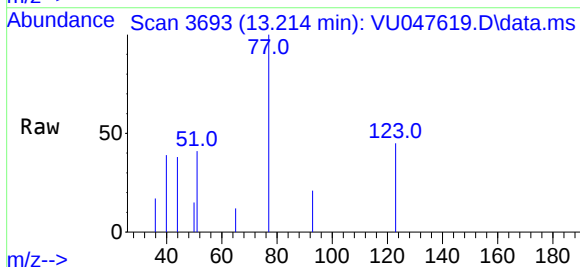
Manual Integrations
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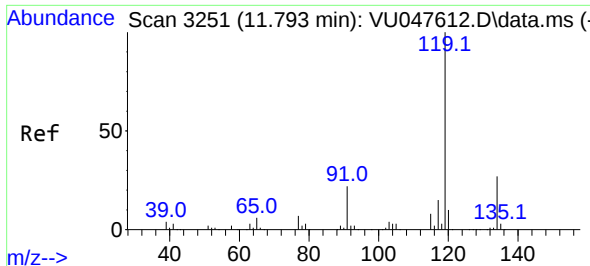
Reviewed By :John Carlone 03/31/2022
 Supervised By :Mahesh Dadoda 03/31/2022



#80
 Nitrobenzene
 Concen: 4.438 ug/l
 RT: 13.214 min Scan# 3693
 Delta R.T. 0.003 min
 Lab File: VU047619.D
 Acq: 18 Mar 2022 17:18

Tgt Ion: 77 Resp: 1700
 Ion Ratio Lower Upper
 77 100
 123 39.1 18.2 64.4
 65 3.9 12.0 15.2#





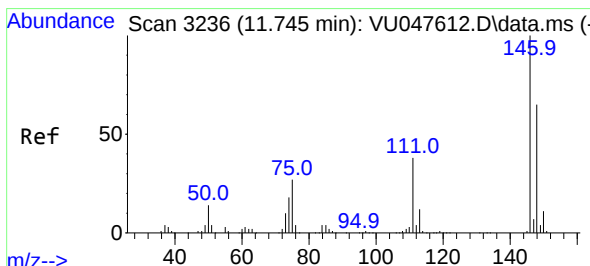
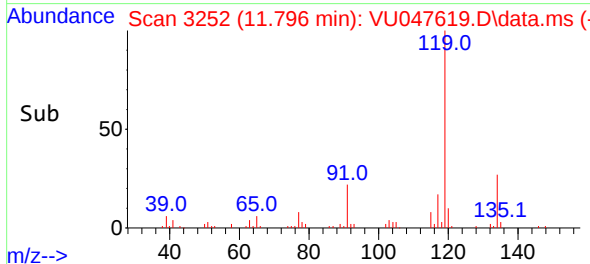
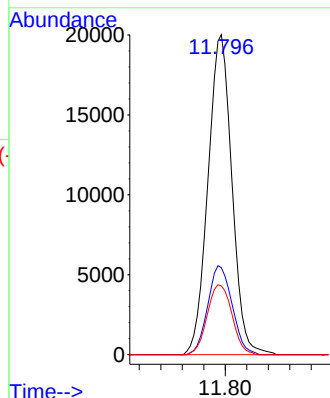
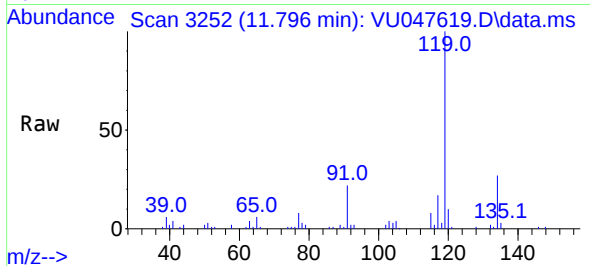
#81
p-Isopropyltoluene
Concen: 0.884 ug/l
RT: 11.796 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2022

Tgt Ion:119 Resp: 3092
Ion Ratio Lower Upper
119 100
134 28.3 20.2 30.4
91 22.6 19.9 29.9

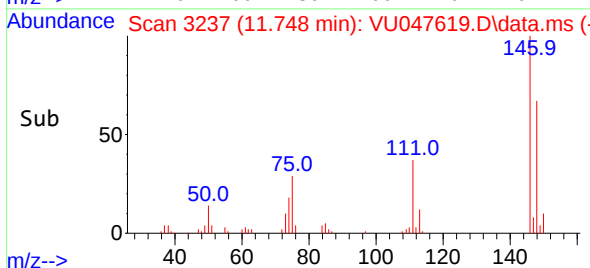
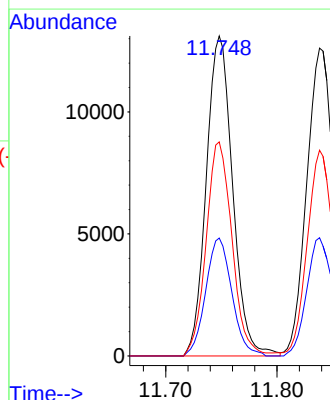
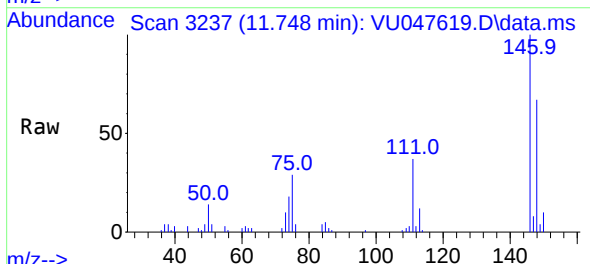
Manual Integrations
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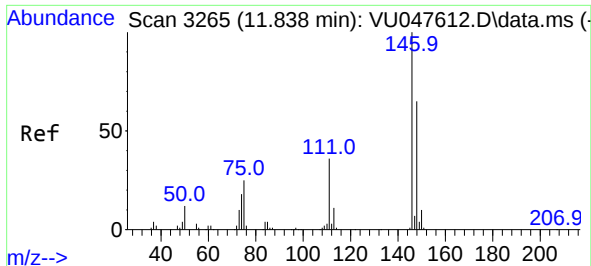
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#82
1,3-Dichlorobenzene
Concen: 0.995 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.003 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

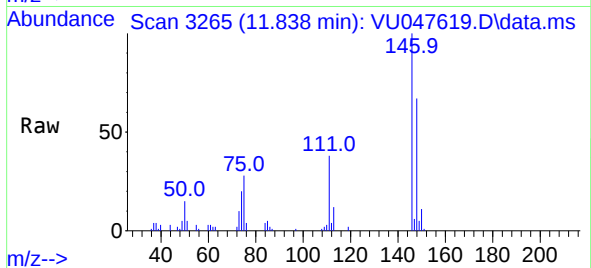
Tgt Ion:146 Resp: 21555
Ion Ratio Lower Upper
146 100
111 36.6 33.9 50.9
148 65.6 50.9 76.3





#83
1,4-Dichlorobenzene
Concen: 0.989 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

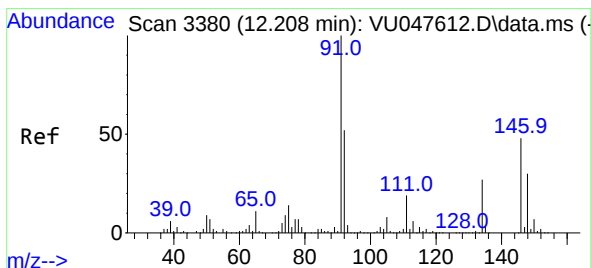
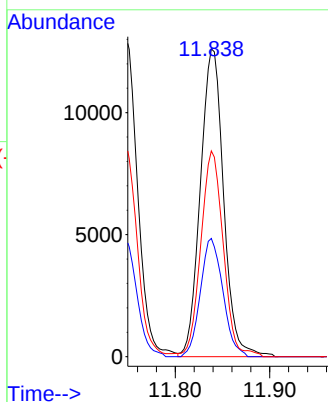
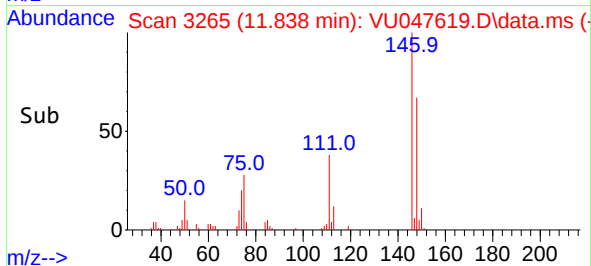
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2022



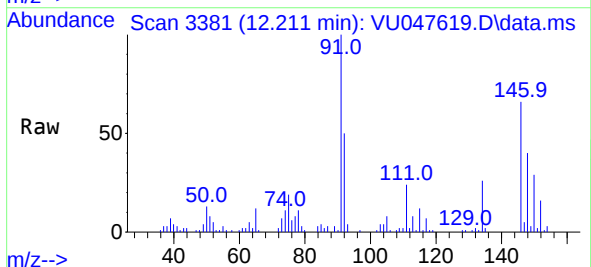
Tgt Ion:146 Resp: 2155
Ion Ratio Lower Upper
146 100
111 37.1 32.7 49.1
148 64.5 51.4 77.0

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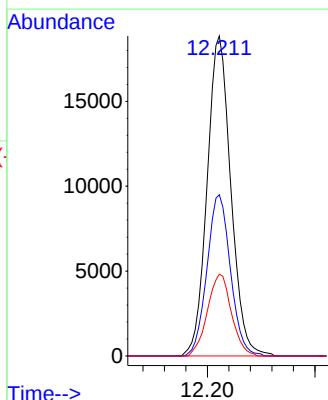
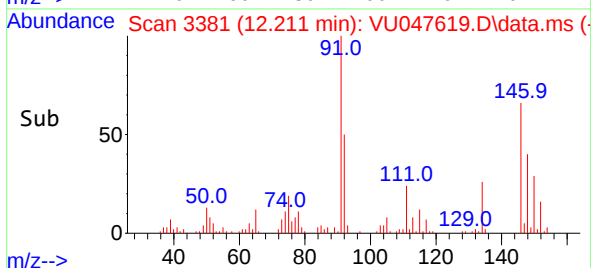
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

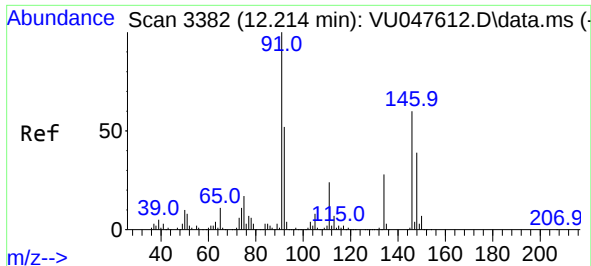


#84
n-Butylbenzene
Concen: 0.878 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18



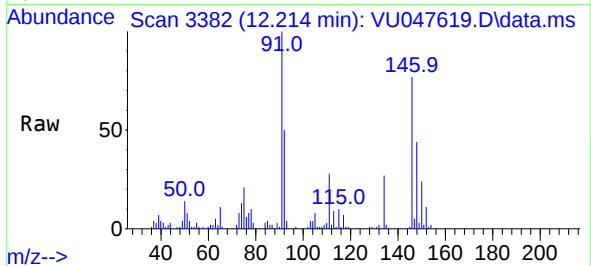
Tgt Ion: 91 Resp: 28878
Ion Ratio Lower Upper
91 100
92 49.9 43.5 65.3
134 25.8 19.0 28.4





#85
1,2-Dichlorobenzene
Concen: 1.022 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

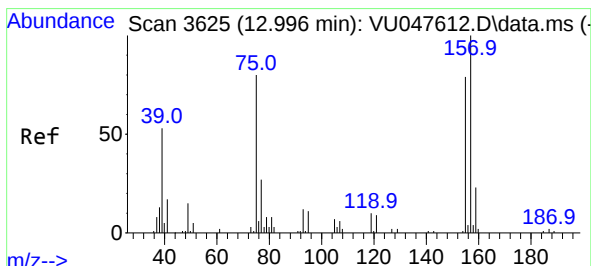
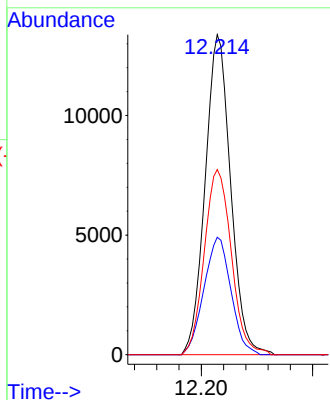
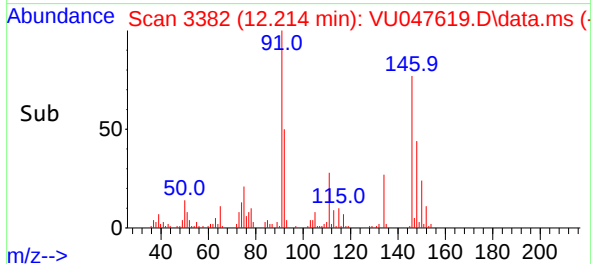
Instrument : MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2022



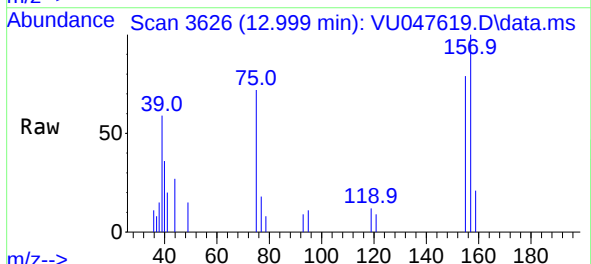
Tgt Ion:146 Resp: 21279
Ion Ratio Lower Upper
146 100
111 38.9 22.1 66.1
148 61.4 31.6 94.7

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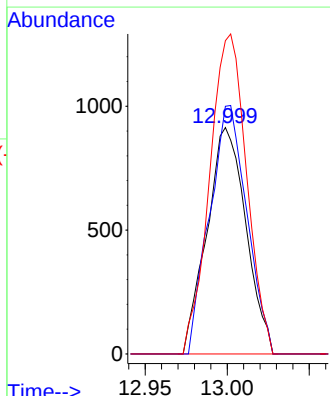
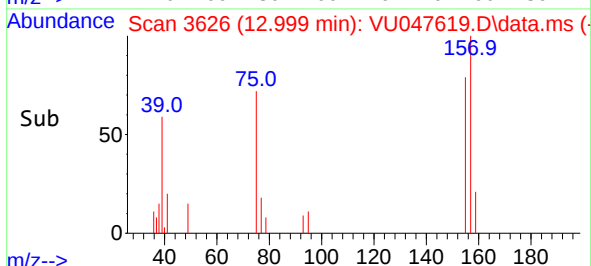
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

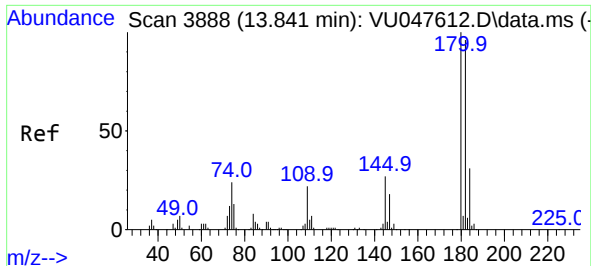


#86
1,2-Dibromo-3-Chloropropane
Concen: 0.954 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.003 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18



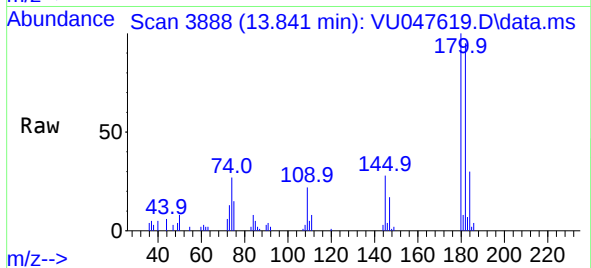
Tgt Ion: 75 Resp: 1509
Ion Ratio Lower Upper
75 100
155 105.1 57.8 86.8#
157 134.1 75.1 112.7#





#87
1,2,4-Trichlorobenzene
Concen: 0.940 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

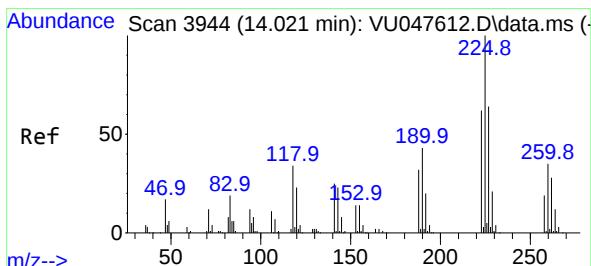
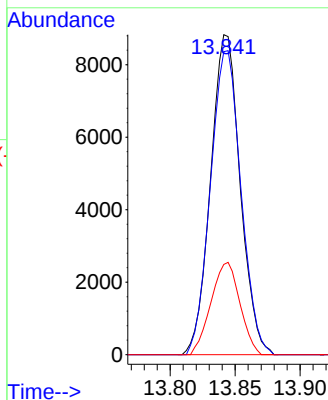
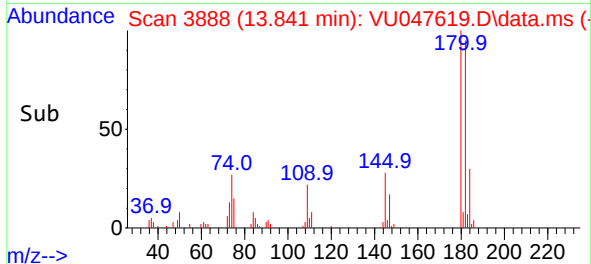
Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2022



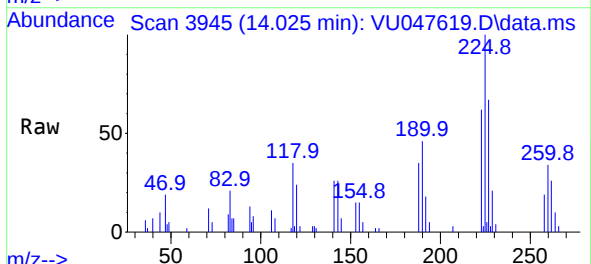
Tgt Ion:180 Resp: 1397
Ion Ratio Lower Upper
180 100
182 97.9 75.8 113.8
145 28.1 25.3 37.9

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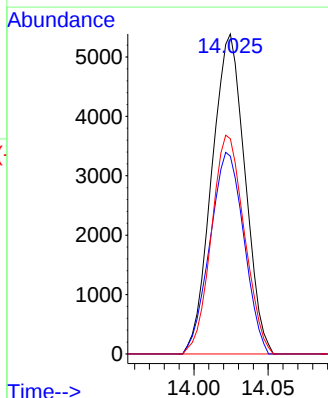
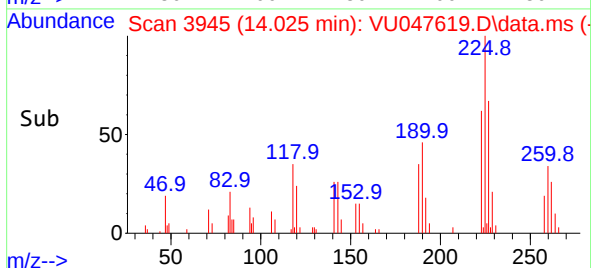
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

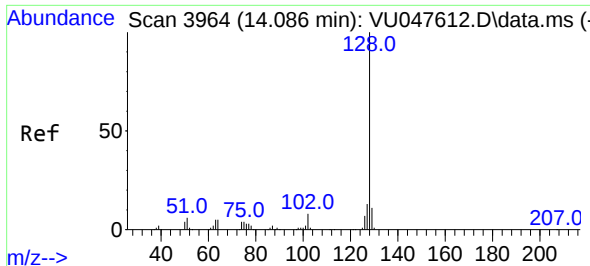


#88
Hexachlorobutadiene
Concen: 0.937 ug/l
RT: 14.025 min Scan# 3945
Delta R.T. 0.003 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18



Tgt Ion:225 Resp: 8363
Ion Ratio Lower Upper
225 100
223 64.4 51.1 76.7
227 67.9 49.9 74.9





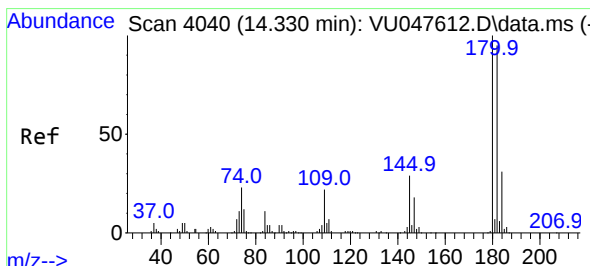
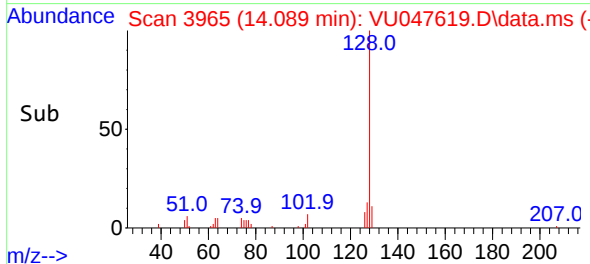
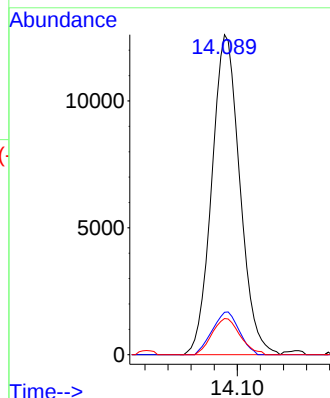
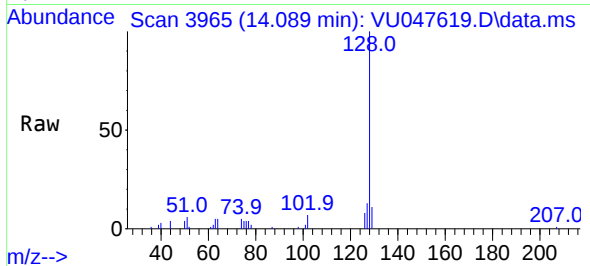
#89
Naphthalene
Concen: 0.842 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT1-2022

Tgt Ion:128	Resp:	2126
Ion Ratio	Lower	Upper
128	100	
127	12.8	10.6 16.0
129	11.3	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: 0.955 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU047619.D
Acq: 18 Mar 2022 17:18

Tgt Ion:180	Resp:	13384
Ion Ratio	Lower	Upper
180	100	
182	96.5	75.4 113.0
145	29.2	27.0 40.4

