

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021422\
 Data File : VU047130.D
 Acq On : 14 Feb 2022 12:40
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/15/2022
 Supervised By : Mahesh Dadoda 02/16/2022

Quant Time: Feb 14 13:58:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021422DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Feb 14 13:25:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.118	96	55734	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	21956	1.017	ug/l	0.00
Spiked Amount	1.000		Recovery	=	102.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	23602	1.050	ug/l	0.00
Spiked Amount	1.000		Recovery	=	105.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	409710	22.048	ug/l	99
3) Chloromethane	1.533	50	411509	21.561	ug/l	99
4) Vinyl Chloride	1.610	62	409255	21.721	ug/l	99
5) Bromomethane	1.864	94	239662	19.471	ug/l	99
6) Chloroethane	1.941	64	233994	21.617	ug/l	99
7) Trichlorofluoromethane	2.147	101	482181	21.712	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	272159	21.262	ug/l	94
9) 1,1-Dichloroethene	2.588	96	274493	20.836	ug/l	98
10) Iodomethane	2.732	142	331842	20.152	ug/l	99
11) Allyl Chloride	2.932	41	435799	21.223	ug/l	92
12) Acrylonitrile	3.334	53	160981	41.633	ug/l	93
13) Acetone	2.658	43	313703	100.228	ug/l	96
14) Carbon Disulfide	2.803	76	944029	21.186	ug/l	100
15) Methylene Chloride	3.054	84	301531	20.380	ug/l	98
16) trans-1,2-Dichloroethene	3.359	96	294581	21.188	ug/l	99
17) 1,1-Dichloroethane	3.877	63	537525	21.101	ug/l	99
18) 2-Butanone	4.729	43	502432	128.981	ug/l	100
19) Cyclohexane	5.395	56	498021m	21.069	ug/l	
20) Methylcyclohexane	6.768	83	560790	21.558	ug/l	97
21) 2,2-Dichloropropane	4.671	77	484994	21.304	ug/l	97
22) cis-1,2-Dichloroethene	4.674	96	333552	20.860	ug/l	97
23) Diethyl Ether	2.382	59	232802	21.866	ug/l	98
24) tert-Butyl Alcohol	3.324	59	120716m	174.334	ug/l	
25) Methyl tert-Butyl Ether	3.372	73	781660	21.158	ug/l	97
26) Bromochloromethane	4.980	128	154598	21.500	ug/l	92
27) Chloroform	5.096	83	537089	20.778	ug/l	99
28) 1,1,1-Trichloroethane	5.321	97	476123	21.276	ug/l	97
29) 1,1-Dichloropropene	5.530	75	439561	21.457	ug/l	98
30) Carbon Tetrachloride	5.530	117	422374	21.468	ug/l	99
31) Isopropyl Ether	4.002	45	880896	21.620	ug/l	97
32) Ethyl-t-butyl ether	4.510	59	908992	21.947	ug/l	98
33) Tert-Amyl methyl ether	5.944	73	845317	22.159	ug/l	99
34) Propionitrile	4.809	54	152357	100.299	ug/l	# 1
35) Benzene	5.777	78	1227704	21.386	ug/l	100
36) 1,2-Dichloroethane	5.800	62	373340	21.480	ug/l	100
37) Trichloroethene	6.546	130	336041	21.143	ug/l	95
38) 1,2-Dichloropropane	6.796	63	327960	21.588	ug/l	99
39) Methacrylonitrile	4.983	41	119476	22.819	ug/l	99
40) Methyl acrylate	4.854	55	228527	25.821	ug/l	99
41) Tetrahydrofuran	5.073	42	127105	47.655	ug/l	98
42) 1-Chlorobutane	5.465	56	587591	21.363	ug/l	98
43) Dibromomethane	6.922	93	173820	21.217	ug/l	91
44) Bromodichloromethane	7.108	83	415351	21.436	ug/l	100

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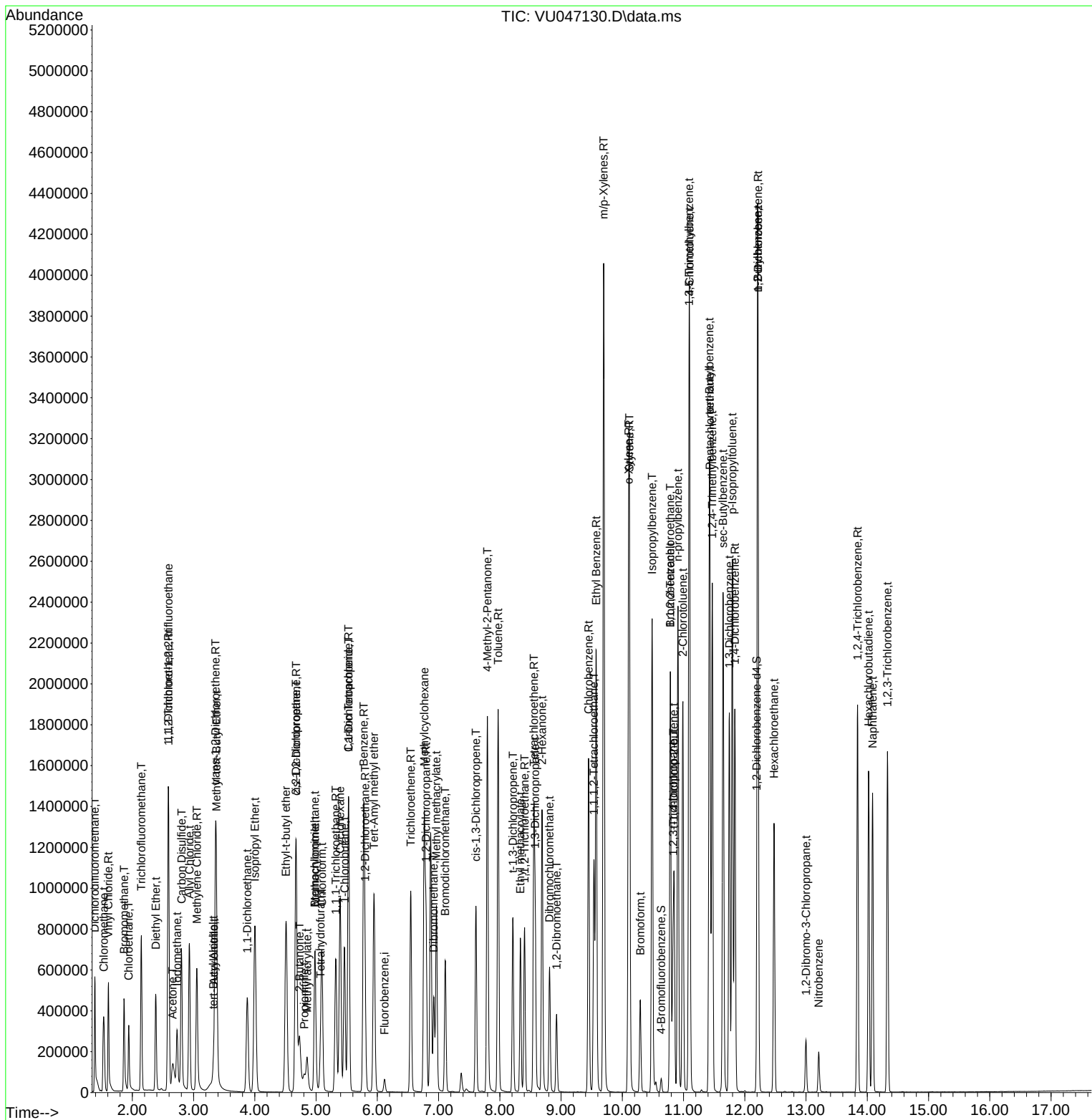
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	1215943	109.737	ug/l	99
46) t-1,4-Dichloro-2-butene	10.841	75	264204m	58.909	ug/l	
47) Methyl methacrylate	6.964	69	371352	43.220	ug/l	96
48) Ethyl methacrylate	8.337	69	388332	22.296	ug/l	95
49) Toluene	7.973	92	801364	21.641	ug/l	99
50) t-1,3-Dichloropropene	8.214	75	465077	22.175	ug/l	98
51) cis-1,3-Dichloropropene	7.610	75	514084	21.865	ug/l	97
52) 1,1,2-Trichloroethane	8.404	97	246935	21.126	ug/l	98
53) 1,3-Dichloropropane	8.578	76	441768	21.153	ug/l	99
54) 2-Hexanone	8.690	43	887483	107.508	ug/l	99
55) Dibromochloromethane	8.812	129	314104	22.103	ug/l	99
56) 1,2-Dibromoethane	8.928	107	253161	21.430	ug/l	98
58) Tetrachloroethene	8.555	164	307268	20.951	ug/l	98
59) Chlorobenzene	9.449	112	893271	21.635	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.536	131	316194	22.282	ug/l	99
61) Pentachloroethane	11.430	117	249375	23.149	ug/l	83
62) Hexachloroethane	12.478	117	278475	23.943	ug/l #	81
63) Ethyl Benzene	9.574	91	1576185	21.716	ug/l	98
64) m/p-Xylenes	9.697	106	1219924	44.095	ug/l	97
65) o-Xylene	10.102	106	592245	22.099	ug/l	96
66) Styrene	10.118	104	1018008	22.381	ug/l	98
67) Bromoform	10.295	173	204057	22.658	ug/l #	98
69) Isopropylbenzene	10.488	105	1587766	22.030	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.783	83	349952	22.144	ug/l	98
71) 1,2,3-Trichloropropane	10.835	75	255561m	18.521	ug/l	
72) Bromobenzene	10.783	156	387354	22.006	ug/l	88
73) n-propylbenzene	10.909	120	444783	22.416	ug/l	88
74) 2-Chlorotoluene	10.989	126	373900	22.104	ug/l	88
75) 1,3,5-Trimethylbenzene	11.089	105	1326991	22.450	ug/l	99
76) 4-Chlorotoluene	11.099	126	394006	22.171	ug/l	84
77) tert-Butylbenzene	11.423	119	1341594	22.620	ug/l	94
78) 1,2,4-Trimethylbenzene	11.468	105	1356595	22.489	ug/l	98
79) sec-Butylbenzene	11.645	105	1779176	22.590	ug/l	98
80) Nitrobenzene	13.208	77	98851	129.559	ug/l	95
81) p-Isopropyltoluene	11.796	119	1509095	22.645	ug/l	97
82) 1,3-Dichlorobenzene	11.748	146	760162	22.183	ug/l	98
83) 1,4-Dichlorobenzene	11.838	146	766653	22.209	ug/l	98
84) n-Butylbenzene	12.211	91	1472034	23.002	ug/l	97
85) 1,2-Dichlorobenzene	12.214	146	732771	22.215	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.999	75	63676	21.976	ug/l #	82
87) 1,2,4-Trichlorobenzene	13.841	180	584453	22.566	ug/l	99
88) Hexachlorobutadiene	14.021	225	302246	22.826	ug/l	98
89) Naphthalene	14.086	128	1160265	21.871	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	521447	22.446	ug/l	97

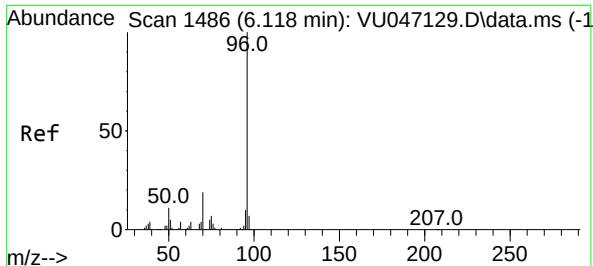
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

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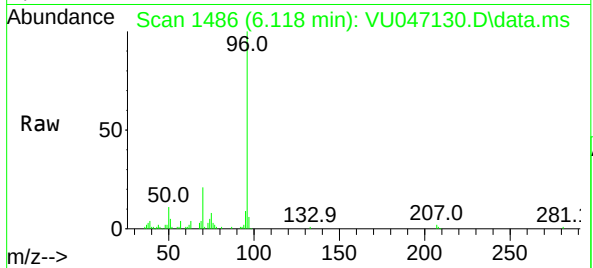
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#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40

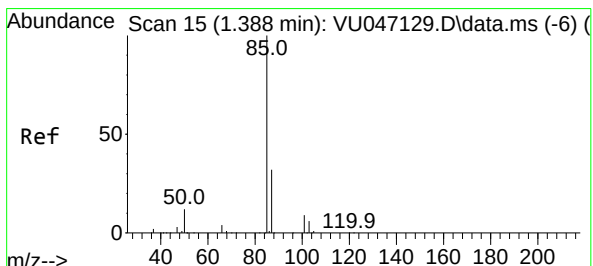
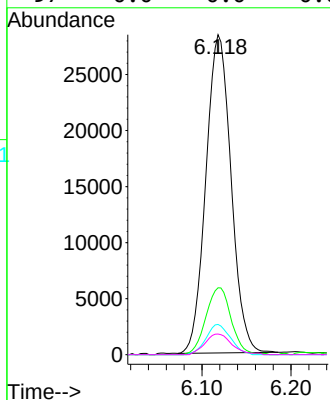
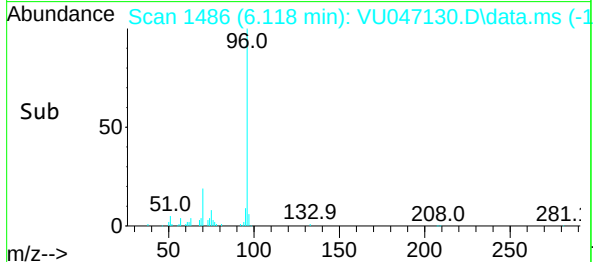
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020



Tgt Ion: 96 Resp: 55734
Ion Ratio Lower Upper
96 100
70 21.2 16.8 25.2
95 0.0 7.3 10.9
97 0.0 0.0 0.0

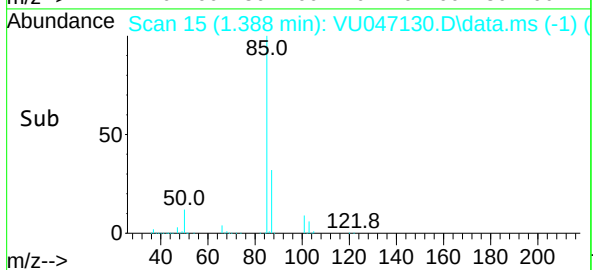
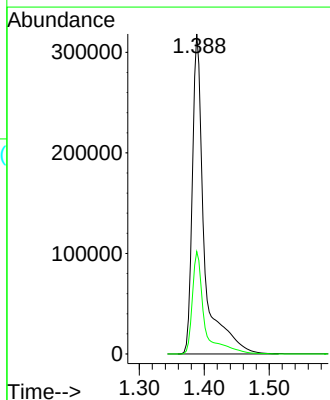
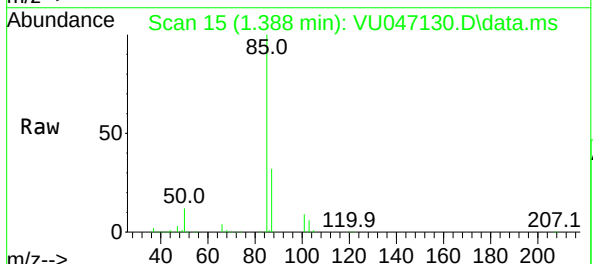
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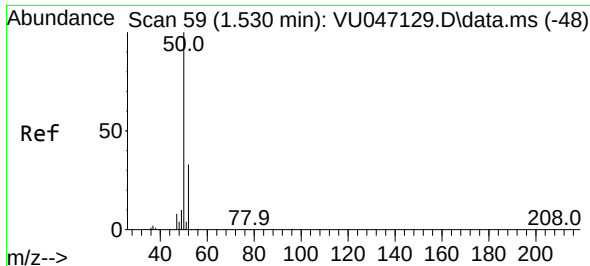
Reviewed By :John Carlone 02/15/2022
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#2
Dichlorodifluoromethane
Concen: 22.048 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40

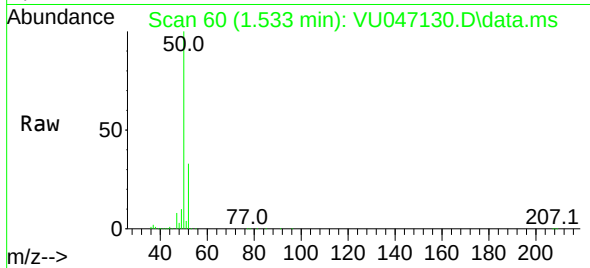
Tgt Ion: 85 Resp: 409710
Ion Ratio Lower Upper
85 100
87 32.0 16.2 48.6





#3
Chloromethane
Concen: 21.561 ug/l
RT: 1.533 min Scan# 60
Delta R.T. 0.003 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40

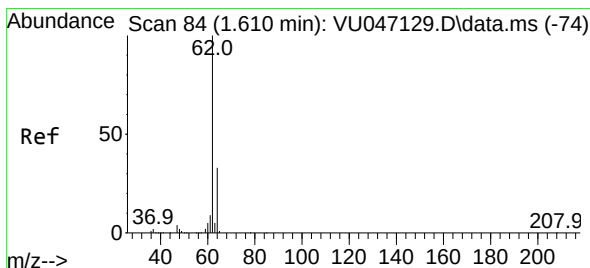
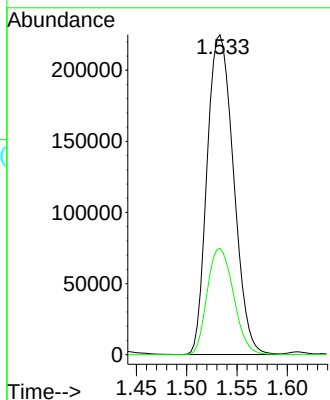
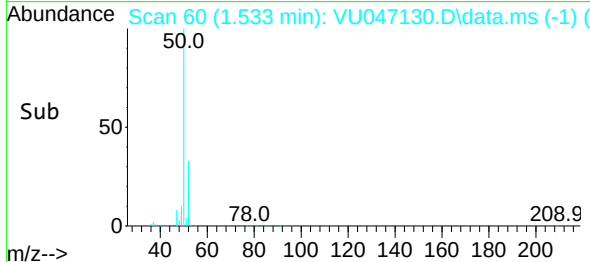
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020



Tgt Ion: 50 Resp: 411509
Ion Ratio Lower Upper
50 100
52 33.3 26.2 39.4

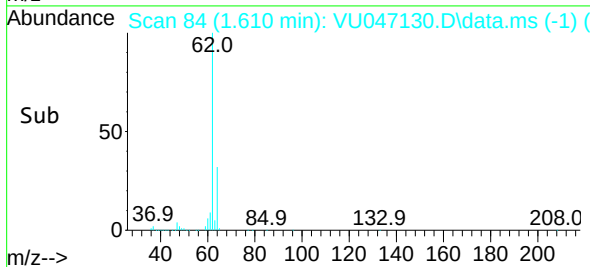
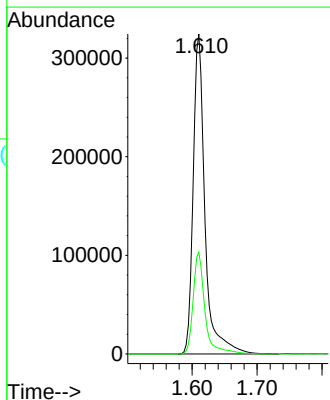
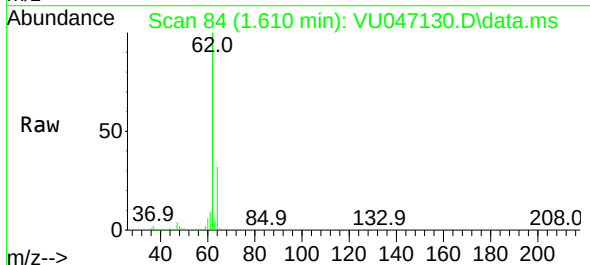
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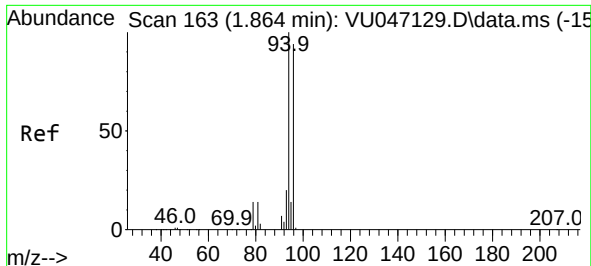
Reviewed By :John Carlone 02/15/2022
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#4
Vinyl Chloride
Concen: 21.721 ug/l
RT: 1.610 min Scan# 84
Delta R.T. 0.000 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40

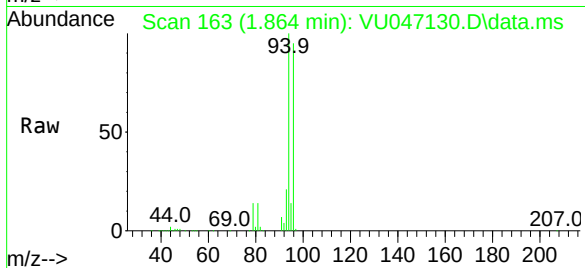
Tgt Ion: 62 Resp: 409255
Ion Ratio Lower Upper
62 100
64 31.7 26.0 39.0





#5
Bromomethane
Concen: 19.471 ug/l
RT: 1.864 min Scan# 163
Delta R.T. 0.000 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40

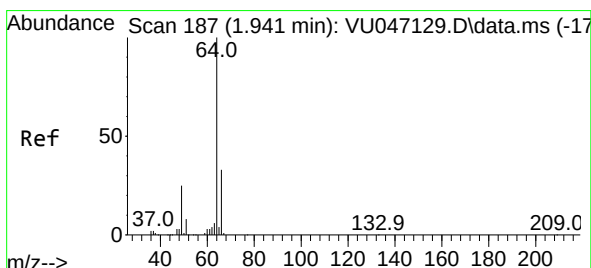
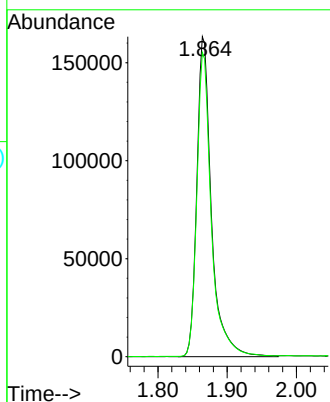
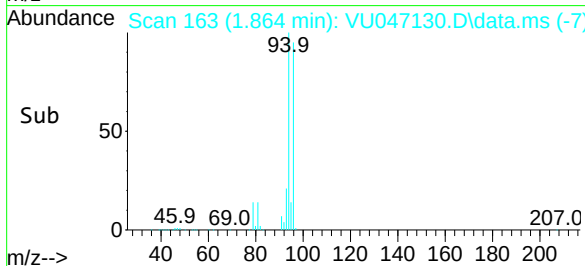
Instrument :
MSVOA_U
Client Sample Id :
VSTDIC020



Tgt Ion: 94 Resp: 239662
Ion Ratio Lower Upper
94 100
96 95.0 75.0 112.4

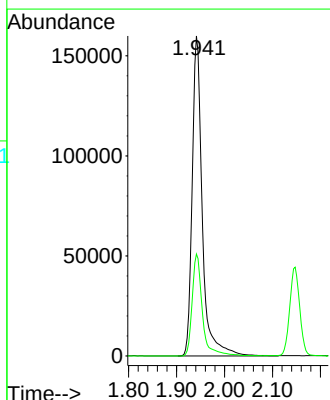
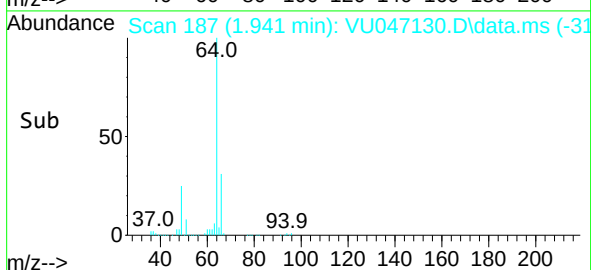
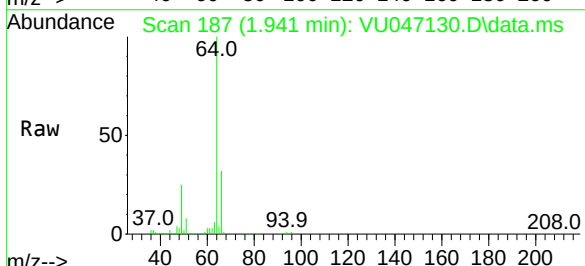
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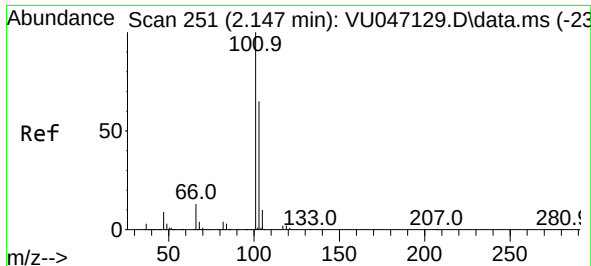
Reviewed By : John Carlone 02/15/2022
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#6
Chloroethane
Concen: 21.617 ug/l
RT: 1.941 min Scan# 187
Delta R.T. 0.000 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40

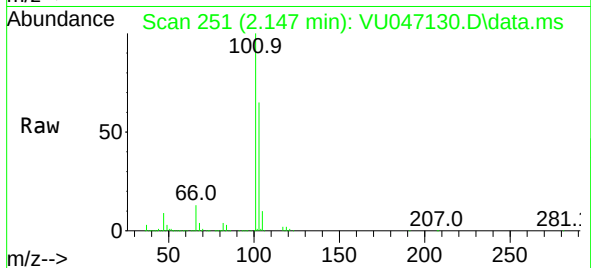
Tgt Ion: 64 Resp: 233994
Ion Ratio Lower Upper
64 100
66 31.8 25.8 38.8





#7
 Trichlorofluoromethane
 Concen: 21.712 ug/l
 RT: 2.147 min Scan# 251
 Delta R.T. 0.000 min
 Lab File: VU047130.D
 Acq: 14 Feb 2022 12:40

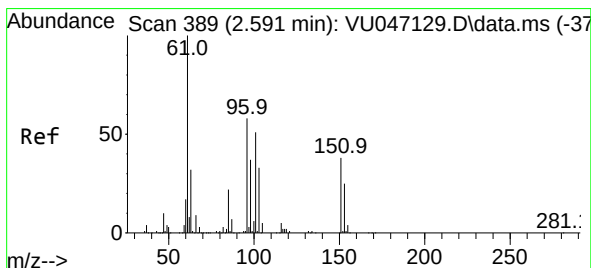
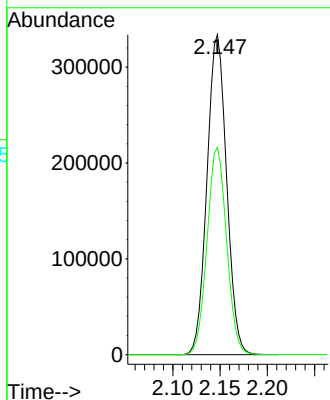
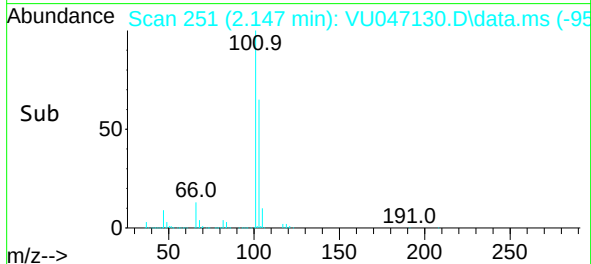
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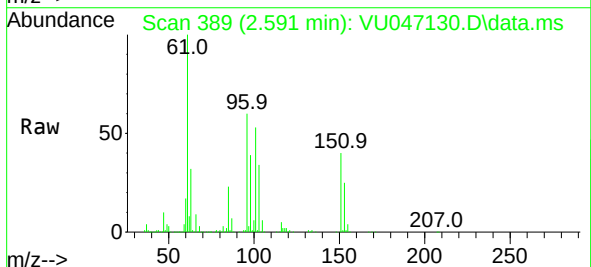
Tgt Ion:101 Resp: 48218
 Ion Ratio Lower Upper
 101 100
 103 64.8 52.2 78.2

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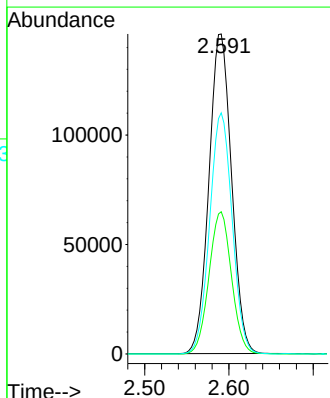
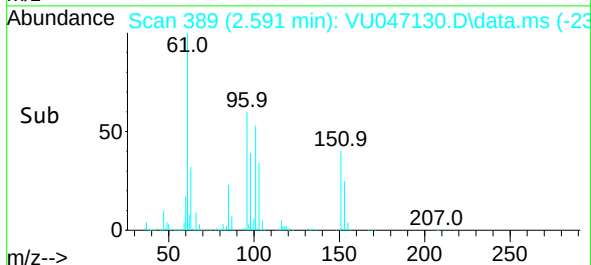
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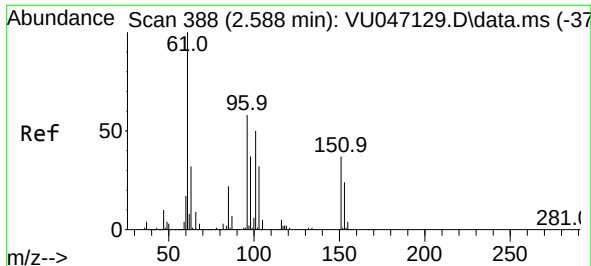


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.262 ug/l
 RT: 2.591 min Scan# 389
 Delta R.T. 0.000 min
 Lab File: VU047130.D
 Acq: 14 Feb 2022 12:40



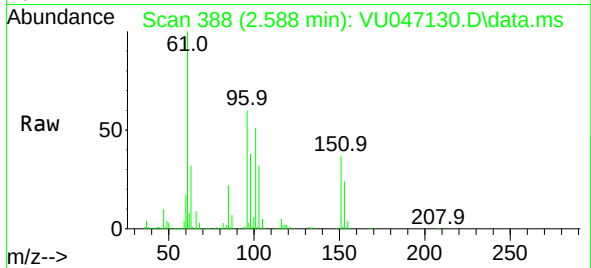
Tgt Ion:101 Resp: 272159
 Ion Ratio Lower Upper
 101 100
 85 44.3 35.8 53.6
 151 75.2 54.6 81.8





#9
1,1-Dichloroethene
Concen: 20.836 ug/l
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU047130.D
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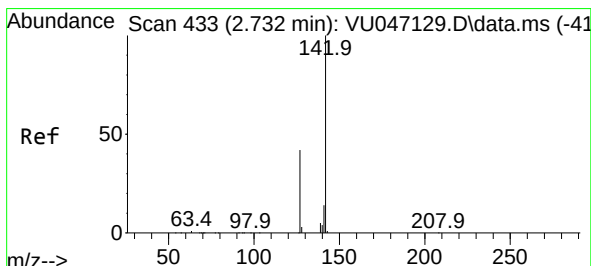
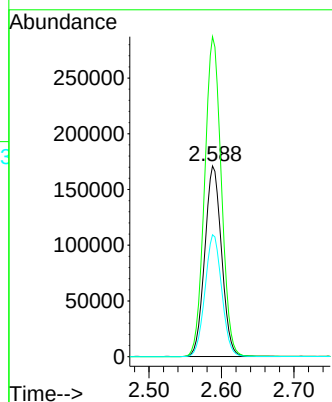
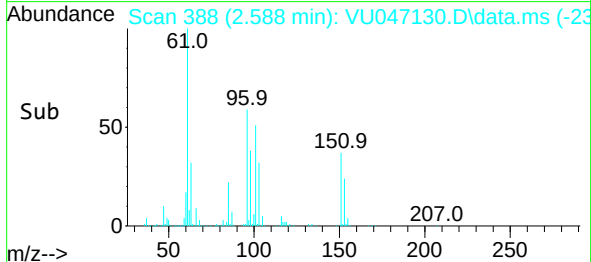
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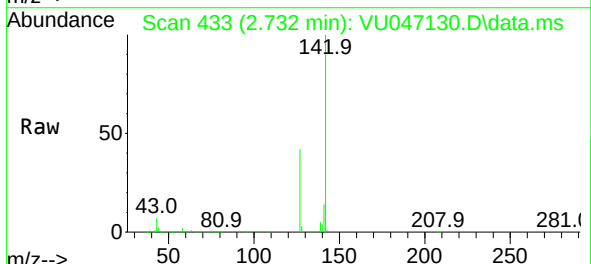
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Ion Ratio Lower Upper
96 100
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98 64.0 0.0 126.4

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APPROVED

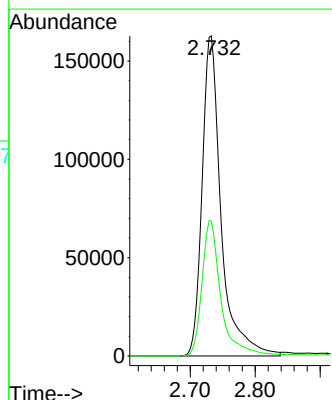
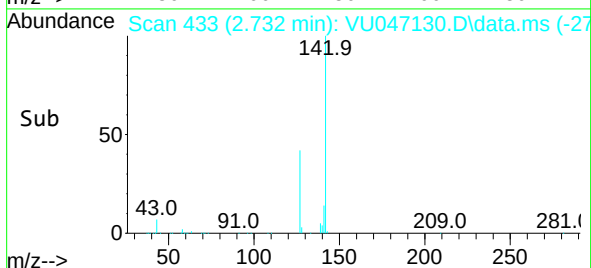
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/16/2022

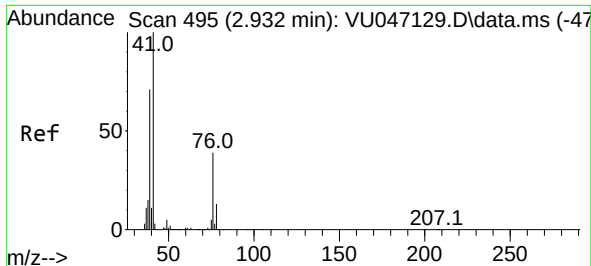


#10
Iodomethane
Concen: 20.152 ug/l
RT: 2.732 min Scan# 433
Delta R.T. 0.000 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40



Tgt Ion:142 Resp: 331842
Ion Ratio Lower Upper
142 100
127 42.4 33.2 49.8





#11

Allyl Chloride

Concen: 21.223 ug/l

RT: 2.932 min Scan# 495

Delta R.T. 0.000 min

Lab File: VU047130.D

Acq: 14 Feb 2022 12:40

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

Tgt Ion: 41 Resp: 435799

Ion Ratio Lower Upper

41 100

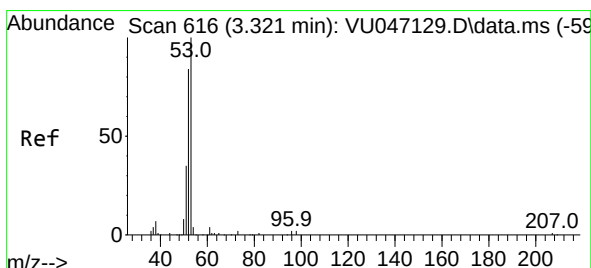
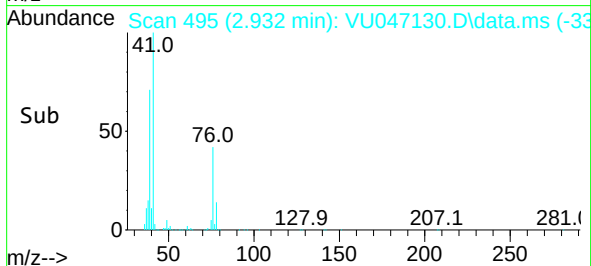
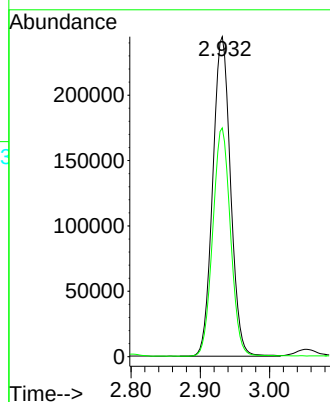
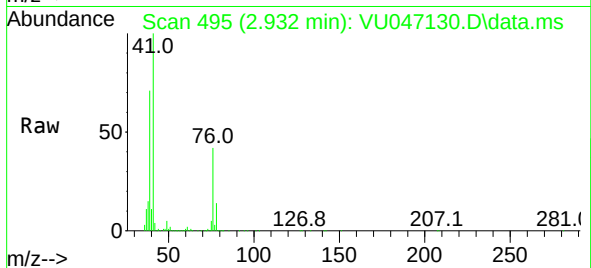
39 71.3 62.4 93.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/16/2022



#12

Acrylonitrile

Concen: 41.633 ug/l

RT: 3.334 min Scan# 620

Delta R.T. 0.013 min

Lab File: VU047130.D

Acq: 14 Feb 2022 12:40

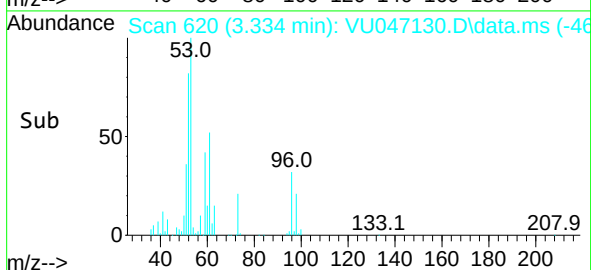
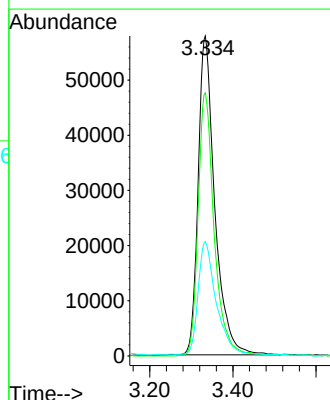
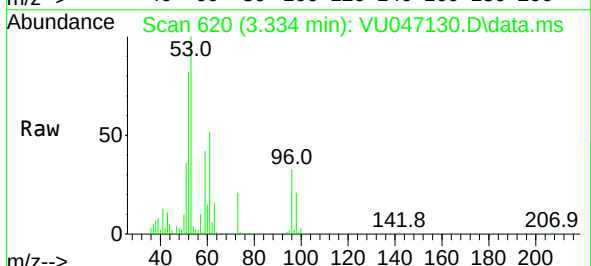
Tgt Ion: 53 Resp: 160981

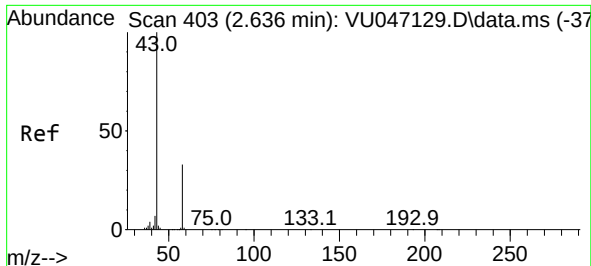
Ion Ratio Lower Upper

53 100

52 80.2 56.7 85.1

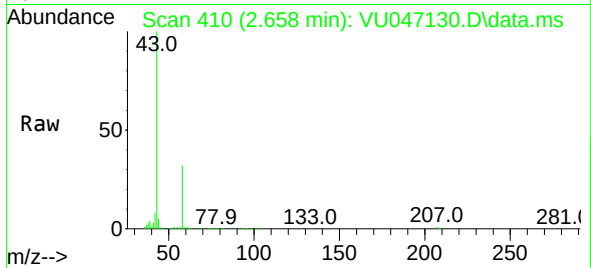
51 37.7 30.3 45.5





#13
Acetone
Concen: 100.228 ug/l
RT: 2.658 min Scan# 410
Delta R.T. 0.022 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40

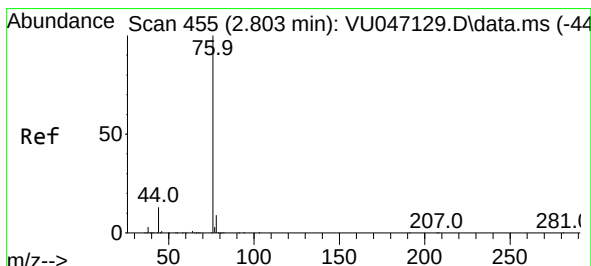
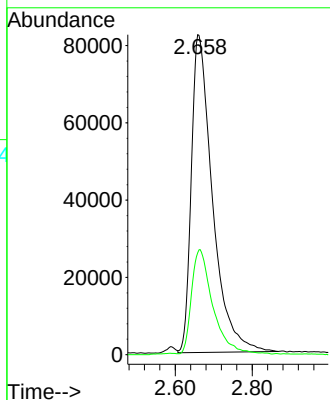
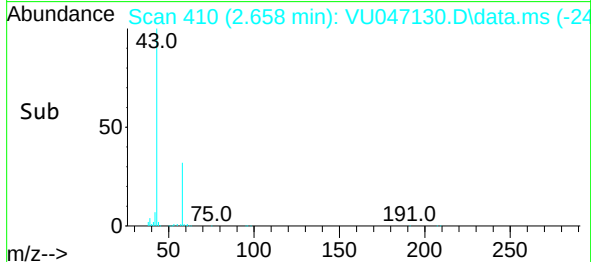
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



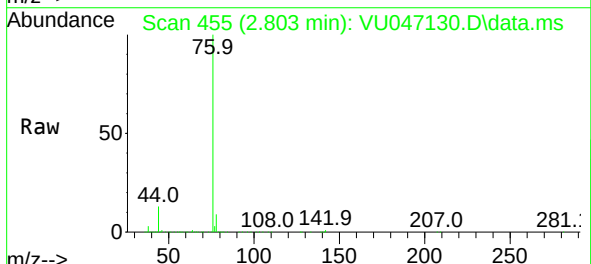
Tgt Ion: 43 Resp: 31370
Ion Ratio Lower Upper
43 100
58 31.9 27.1 40.7

Manual Integrations
APPROVED

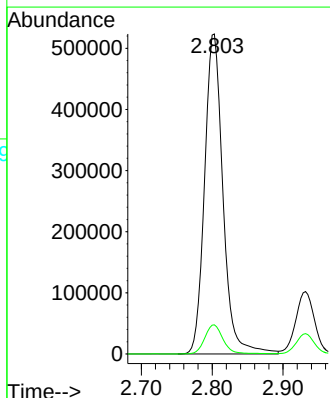
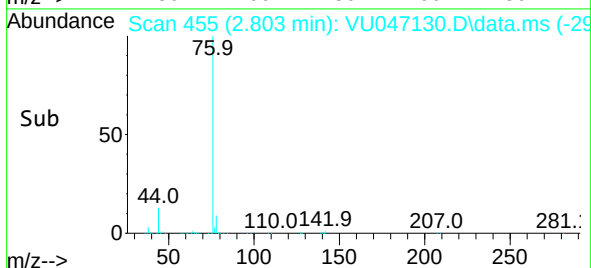
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/16/2022

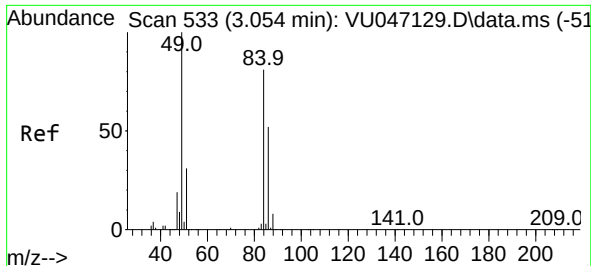


#14
Carbon Disulfide
Concen: 21.186 ug/l
RT: 2.803 min Scan# 455
Delta R.T. 0.000 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40



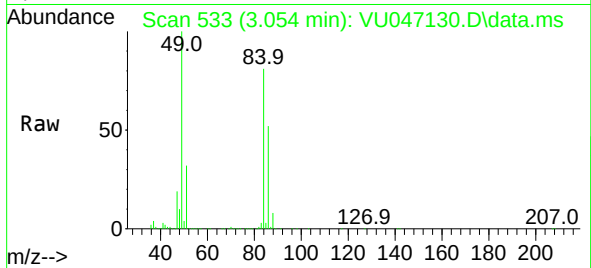
Tgt Ion: 76 Resp: 944029
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7





#15
Methylene Chloride
Concen: 20.380 ug/l
RT: 3.054 min Scan# 513
Delta R.T. 0.000 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40

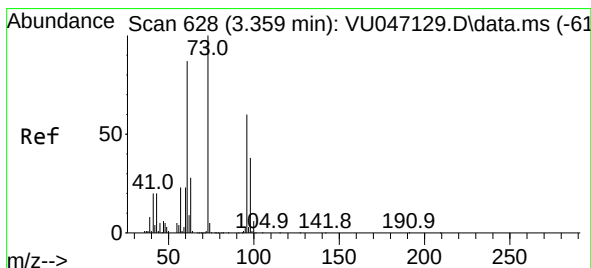
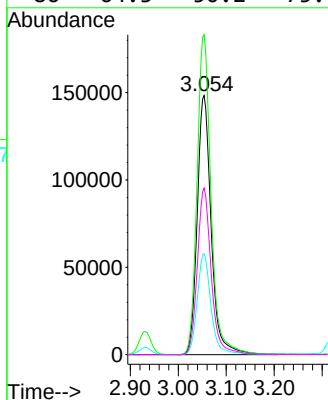
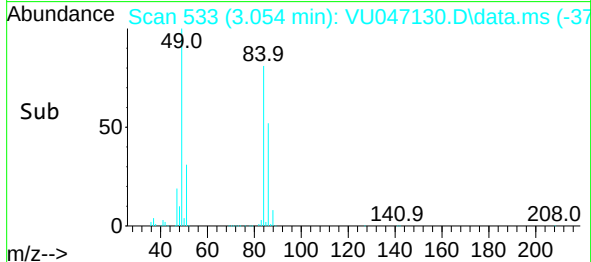
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020



Tgt Ion: 84 Resp: 30153
Ion Ratio Lower Upper
84 100
49 123.5 97.2 145.8
51 38.9 0.0 73.4
86 64.3 50.2 75.4

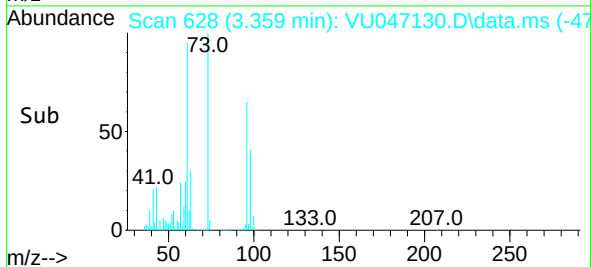
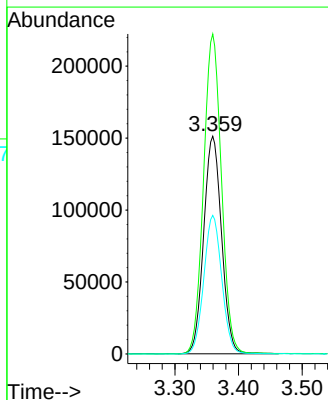
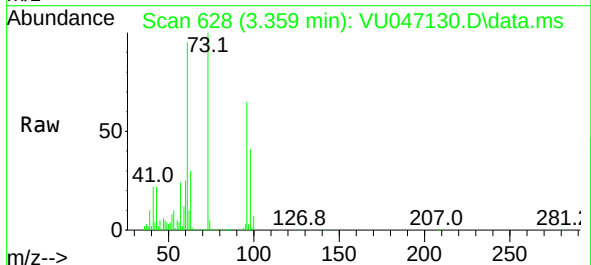
Manual Integrations
APPROVED

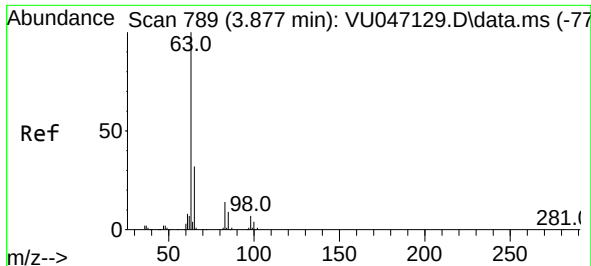
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/16/2022



#16
trans-1,2-Dichloroethene
Concen: 21.188 ug/l
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40

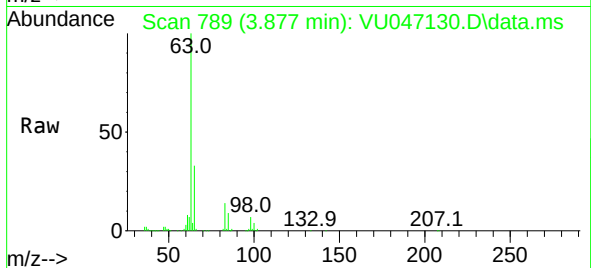
Tgt Ion: 96 Resp: 294581
Ion Ratio Lower Upper
96 100
61 147.1 115.8 173.6
98 63.7 51.1 76.7





#17
1,1-Dichloroethane
Concen: 21.101 ug/l
RT: 3.877 min Scan# 789
Delta R.T. 0.000 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40

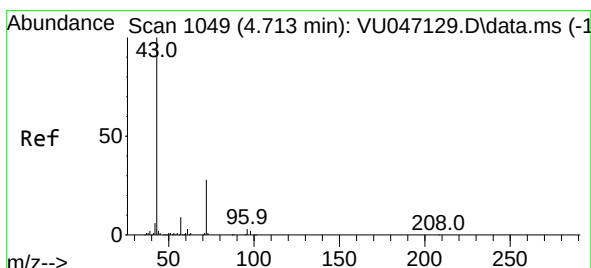
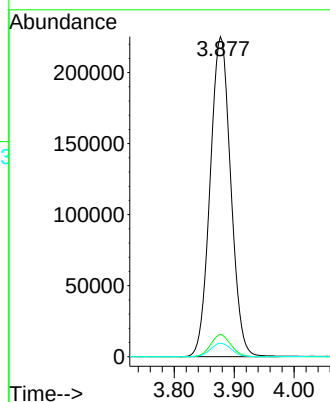
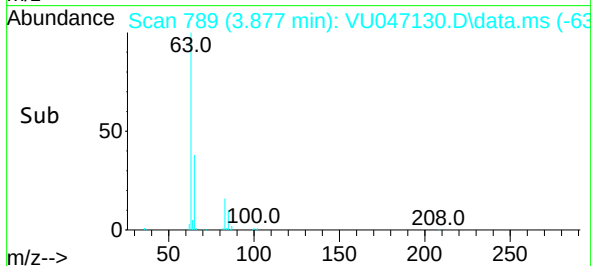
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



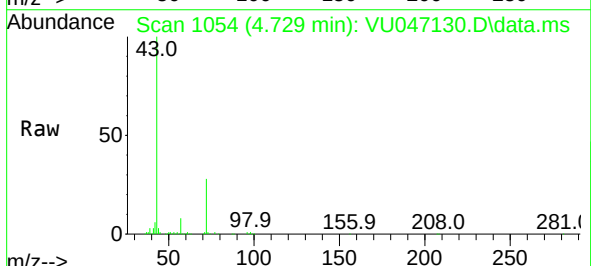
Tgt Ion: 63 Resp: 53752
Ion Ratio Lower Upper
63 100
98 7.0 3.6 10.8
100 4.2 2.1 6.5

Manual Integrations
APPROVED

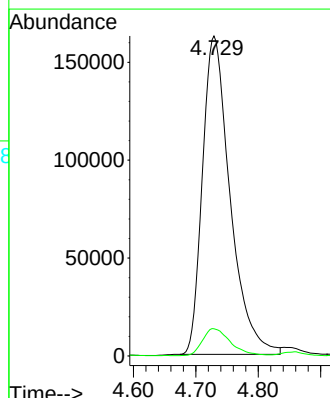
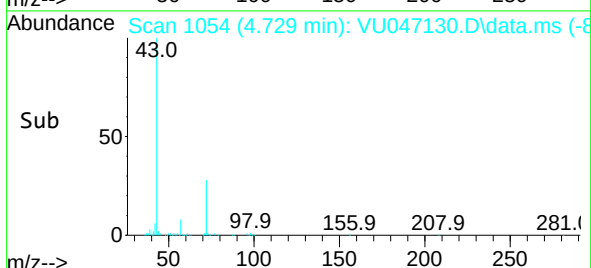
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/16/2022

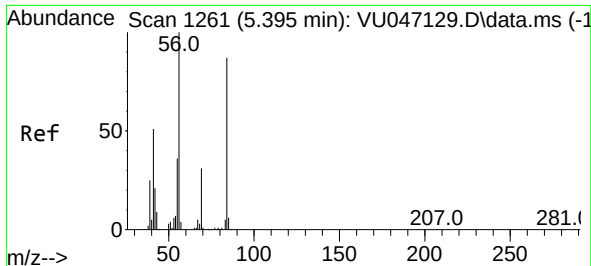


#18
2-Butanone
Concen: 128.981 ug/l
RT: 4.729 min Scan# 1054
Delta R.T. 0.016 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40



Tgt Ion: 43 Resp: 502432
Ion Ratio Lower Upper
43 100
57 8.4 0.0 16.6





#19

Cyclohexane

Concen: 21.069 ug/l m

RT: 5.395 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047130.D

Acq: 14 Feb 2022 12:40

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 49802

Ion Ratio Lower Upper

56 100

69 31.7 24.7 37.1

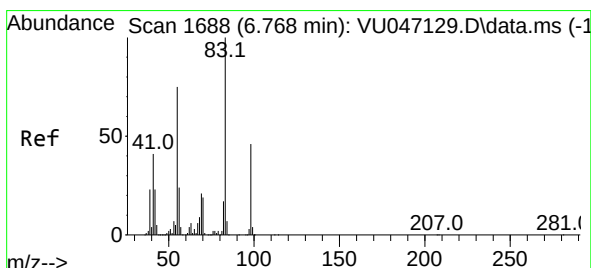
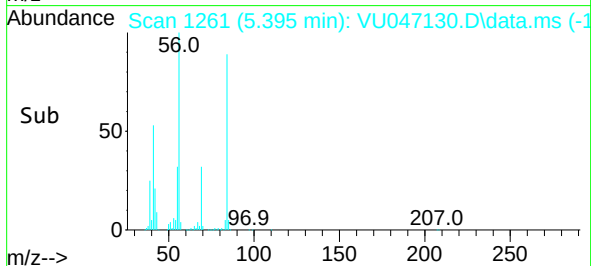
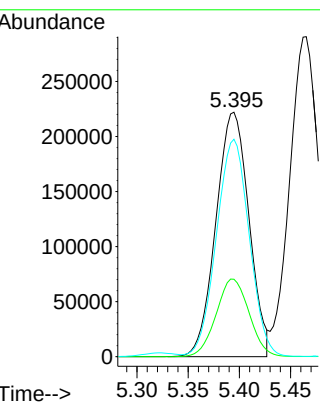
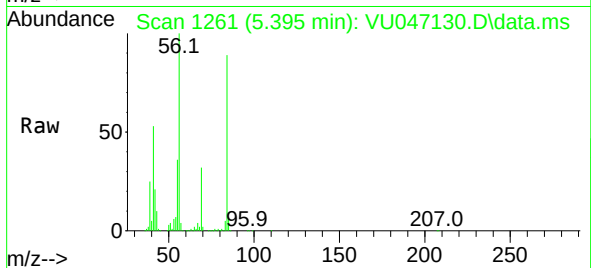
84 87.3 68.8 103.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/16/2022



#20

Methylcyclohexane

Concen: 21.558 ug/l

RT: 6.768 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VU047130.D

Acq: 14 Feb 2022 12:40

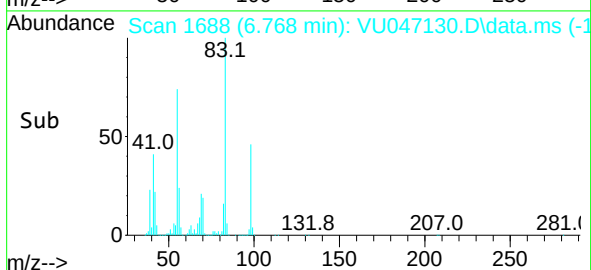
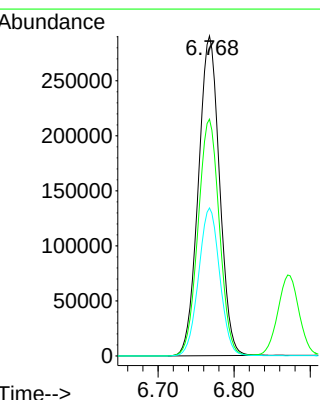
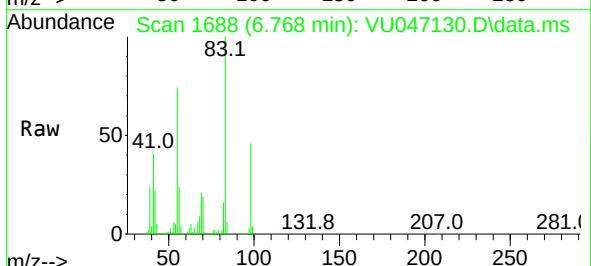
Tgt Ion: 83 Resp: 560790

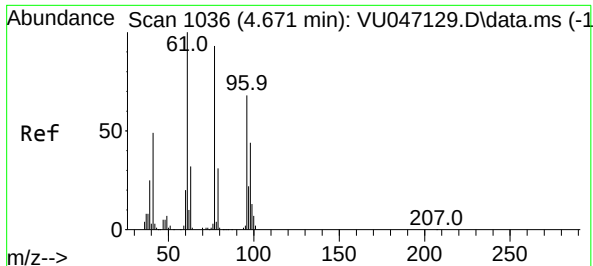
Ion Ratio Lower Upper

83 100

55 74.1 61.9 92.9

98 46.3 37.4 56.2





#21

2,2-Dichloropropane

Concen: 21.304 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU047130.D

Acq: 14 Feb 2022 12:40

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

Tgt Ion: 77 Resp: 484994

Ion Ratio Lower Upper

77 100

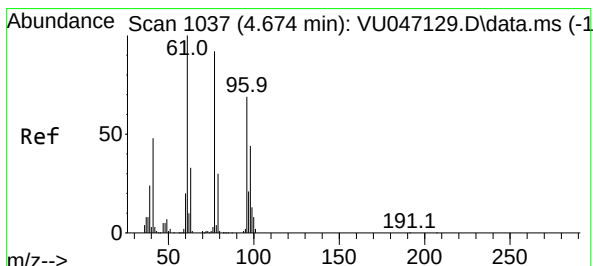
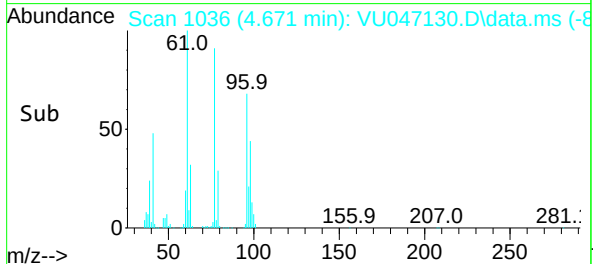
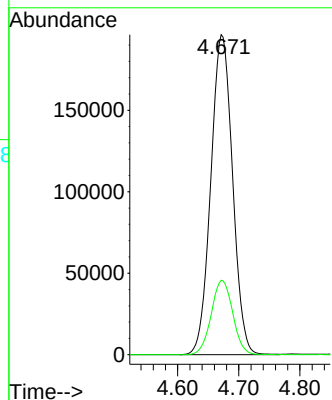
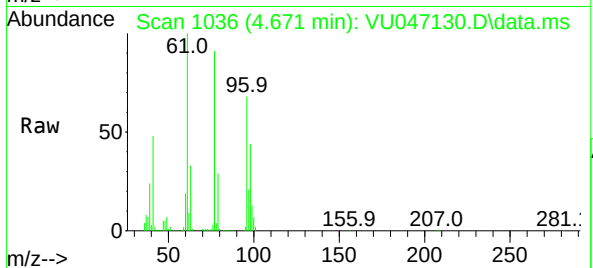
97 23.0 17.2 25.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/16/2022



#22

cis-1,2-Dichloroethene

Concen: 20.860 ug/l

RT: 4.674 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VU047130.D

Acq: 14 Feb 2022 12:40

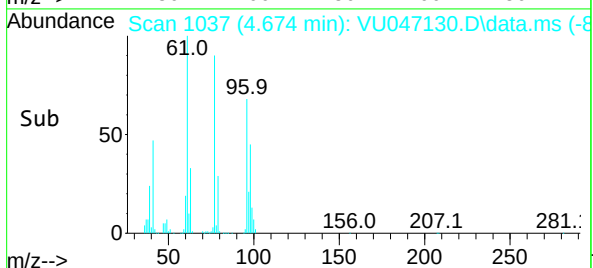
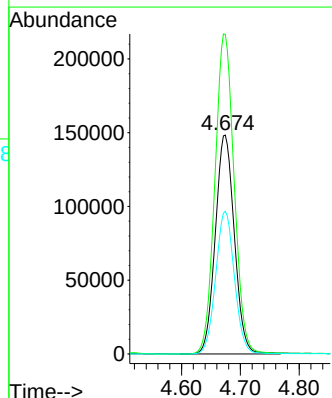
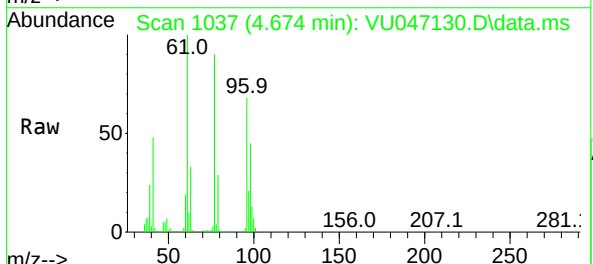
Tgt Ion: 96 Resp: 333552

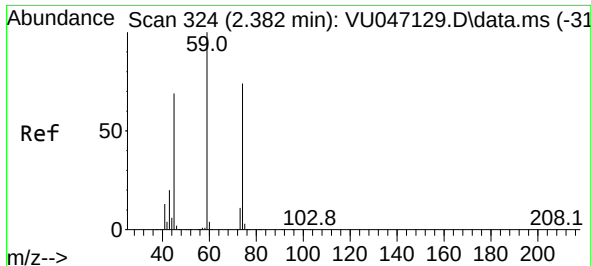
Ion Ratio Lower Upper

96 100

61 147.9 0.0 385.3

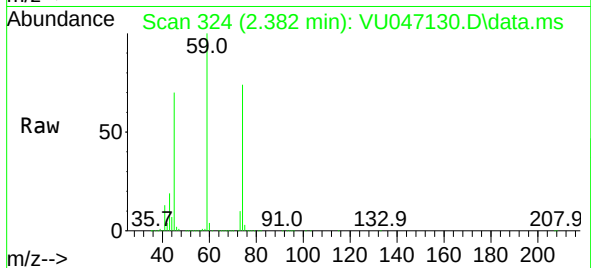
98 64.3 32.1 96.3





#23
Diethyl Ether
Concen: 21.866 ug/l
RT: 2.382 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40

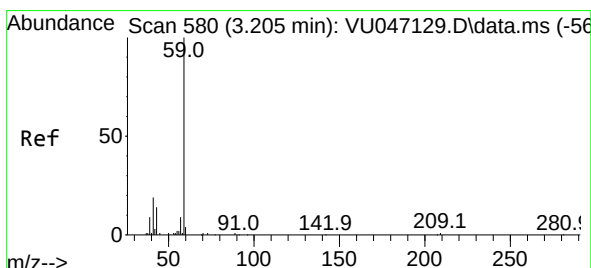
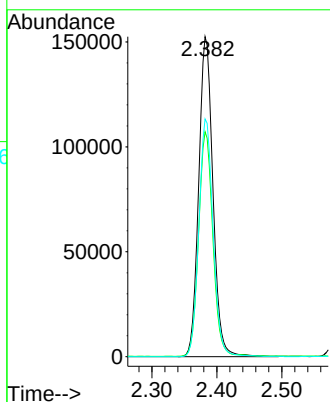
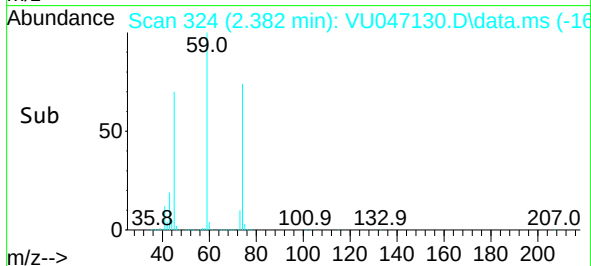
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020



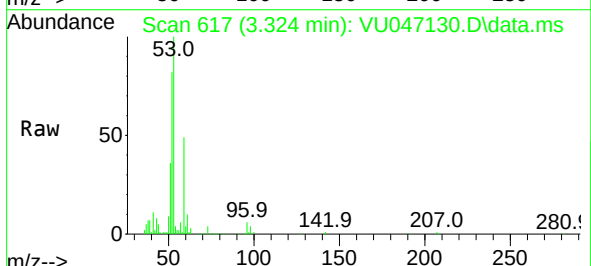
Tgt Ion: 59 Resp: 232802
Ion Ratio Lower Upper
59 100
45 70.2 55.6 83.4
74 74.8 58.1 87.1

Manual Integrations
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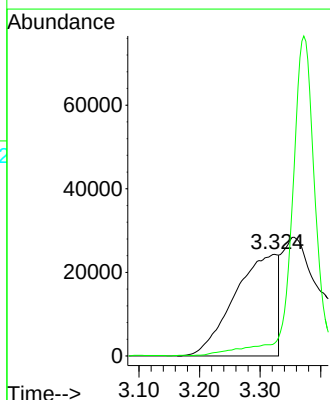
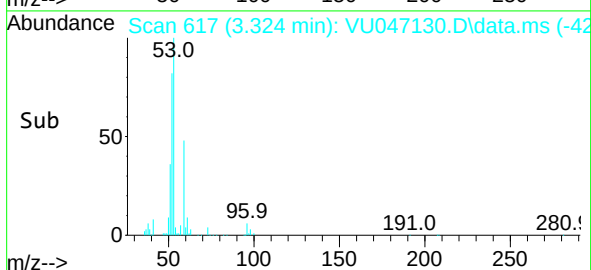
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/16/2022

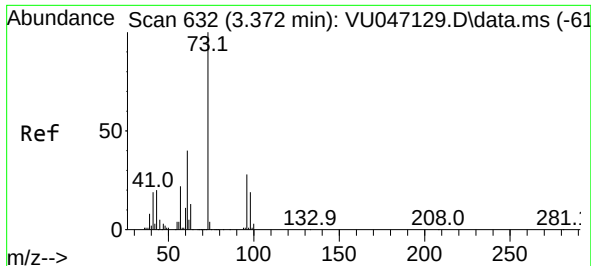


#24
tert-Butyl Alcohol
Concen: 174.334 ug/l m
RT: 3.324 min Scan# 617
Delta R.T. 0.119 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40



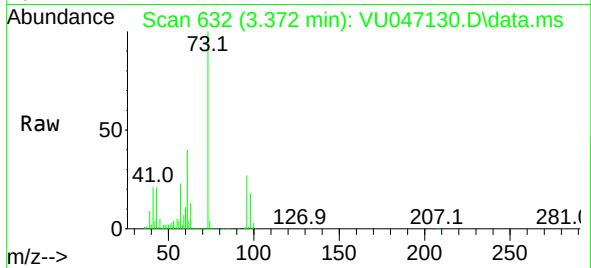
Tgt Ion: 59 Resp: 120716
Ion Ratio Lower Upper
59 100
57 156.5 6.5 9.7#





#25
Methyl tert-Butyl Ether
Concen: 21.158 ug/l
RT: 3.372 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40

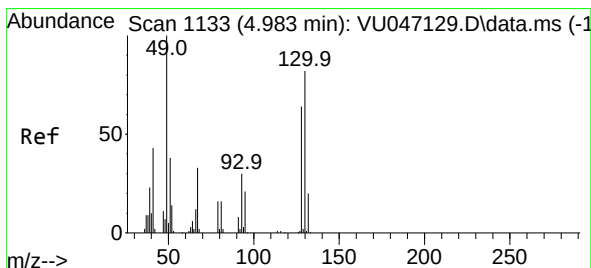
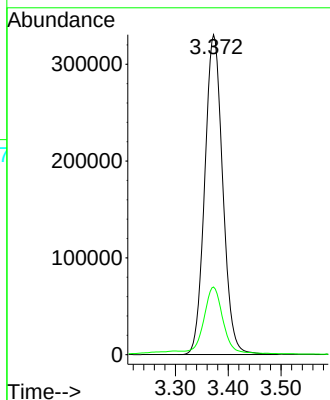
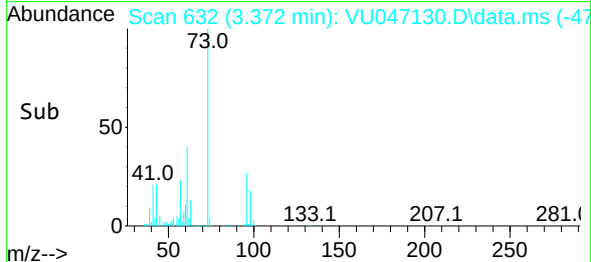
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020



Tgt Ion: 73 Resp: 781660
Ion Ratio Lower Upper
73 100
43 21.7 16.3 24.5

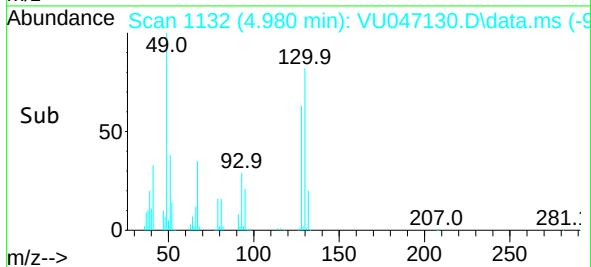
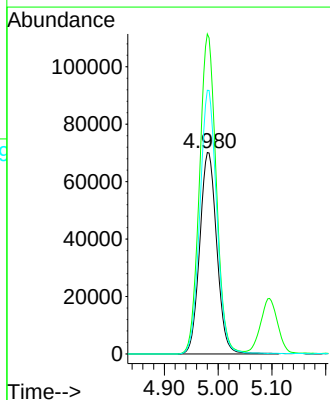
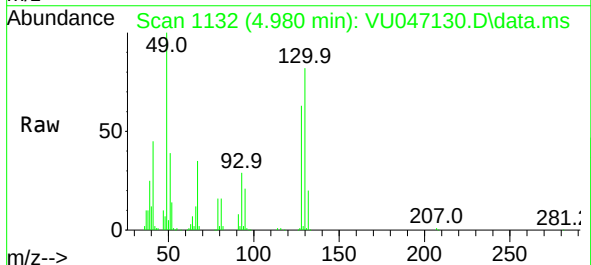
Manual Integrations
APPROVED

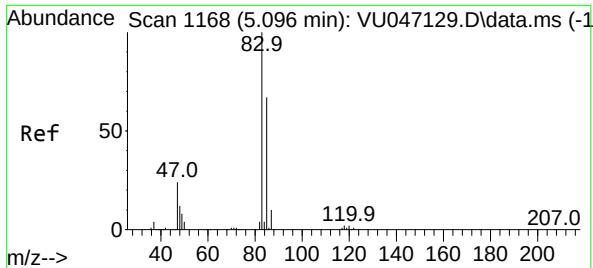
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/16/2022



#26
Bromochloromethane
Concen: 21.500 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. -0.003 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40

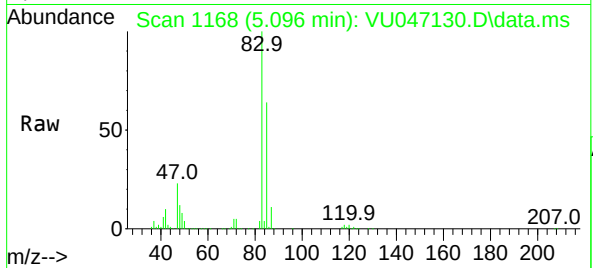
Tgt Ion:128 Resp: 154598
Ion Ratio Lower Upper
128 100
49 156.1 0.0 347.4
130 129.7 101.5 152.3





#27
Chloroform
Concen: 20.778 ug/l
RT: 5.096 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40

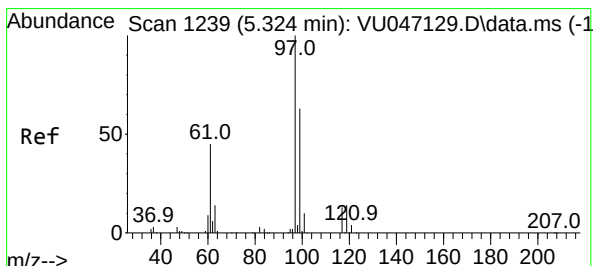
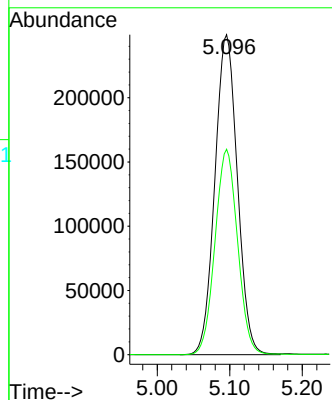
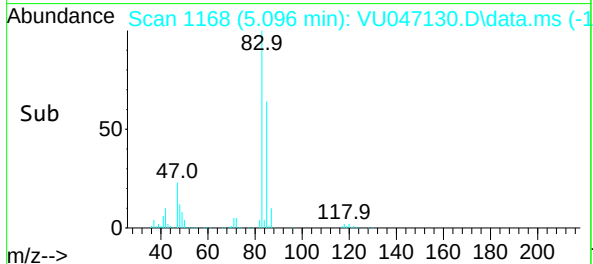
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



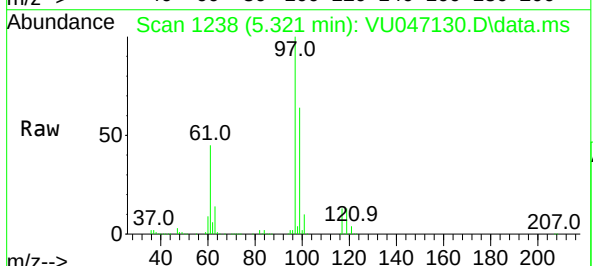
Tgt Ion: 83 Resp: 537089
Ion Ratio Lower Upper
83 100
85 64.2 0.0 129.2

Manual Integrations
APPROVED

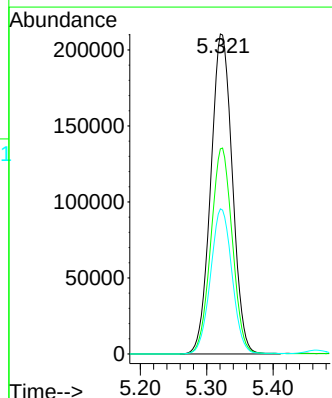
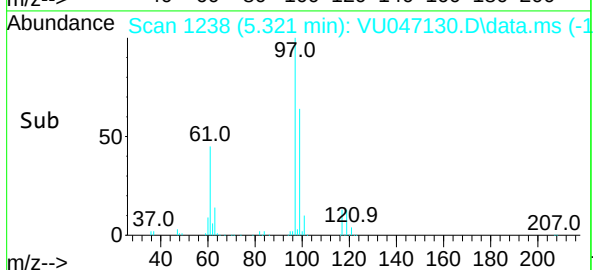
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/16/2022

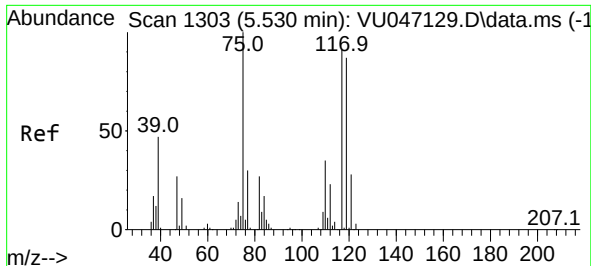


#28
1,1,1-Trichloroethane
Concen: 21.276 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. -0.003 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40



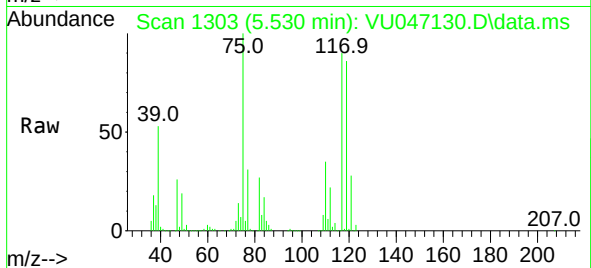
Tgt Ion: 97 Resp: 476123
Ion Ratio Lower Upper
97 100
99 63.9 32.2 96.6
61 45.2 24.5 73.5





#29
1,1-Dichloropropene
Concen: 21.457 ug/l
RT: 5.530 min Scan# 1103
Delta R.T. 0.000 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40

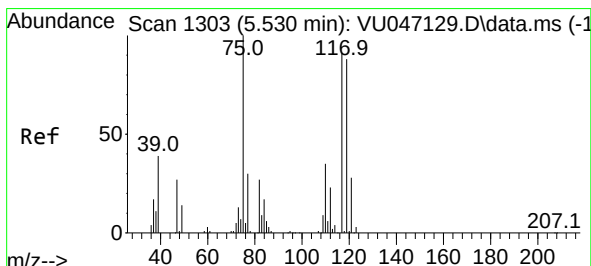
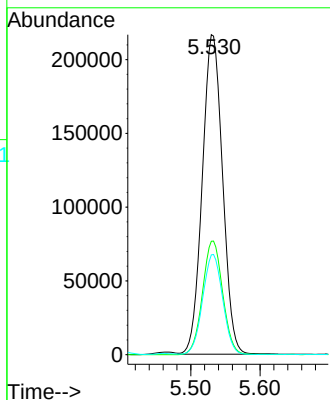
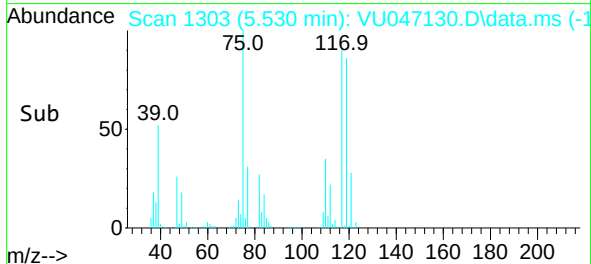
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



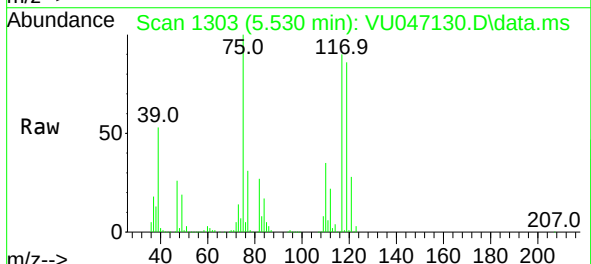
Tgt Ion: 75 Resp: 43956
Ion Ratio Lower Upper
75 100
110 35.3 16.8 50.3
77 30.9 24.7 37.1

Manual Integrations
APPROVED

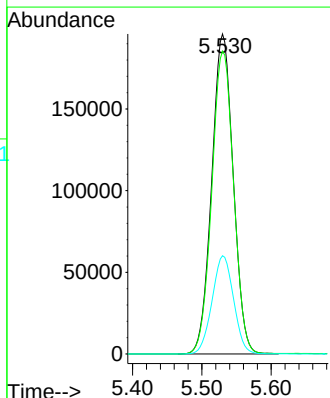
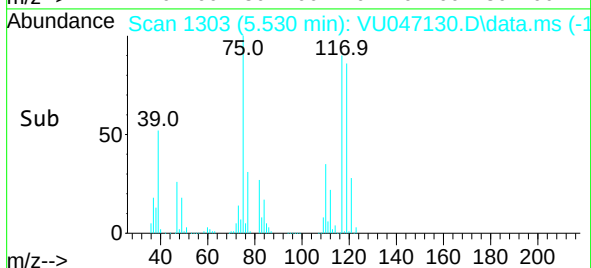
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/16/2022

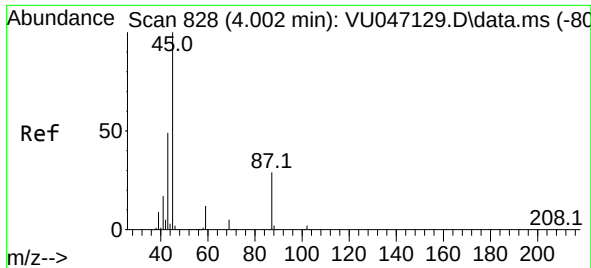


#30
Carbon Tetrachloride
Concen: 21.468 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40



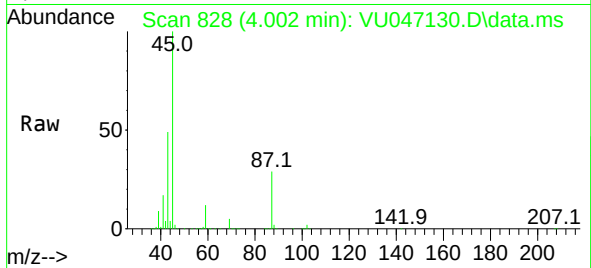
Tgt Ion:117 Resp: 422374
Ion Ratio Lower Upper
117 100
119 94.6 76.8 115.2
121 30.7 24.6 37.0





#31
Isopropyl Ether
Concen: 21.620 ug/l
RT: 4.002 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40

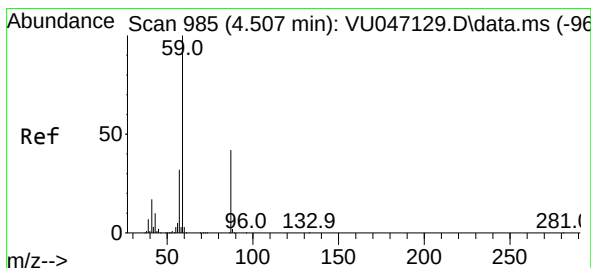
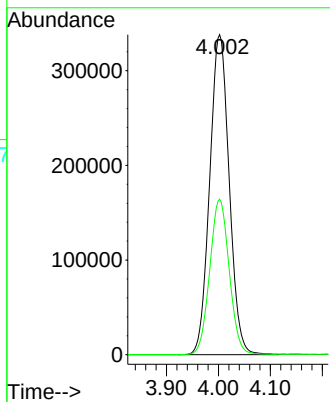
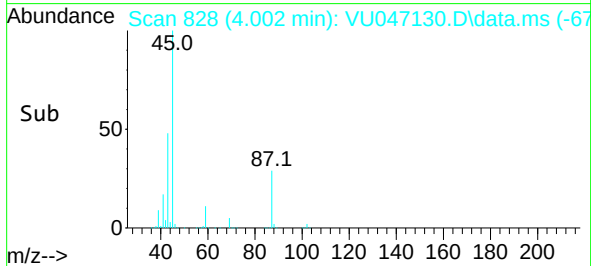
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



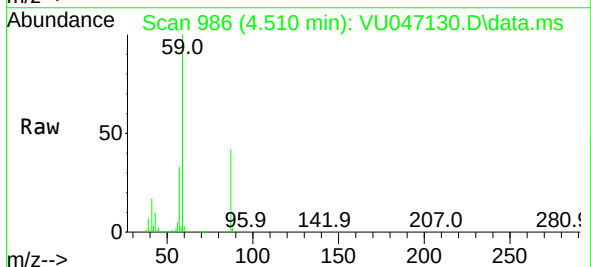
Tgt Ion: 45 Resp: 880890
Ion Ratio Lower Upper
45 100
43 48.4 25.3 75.8

Manual Integrations
APPROVED

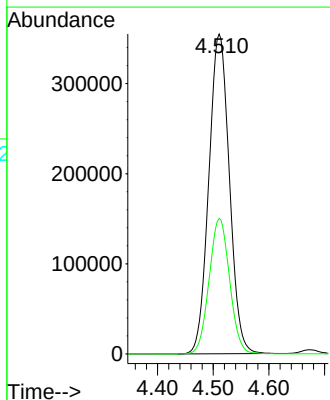
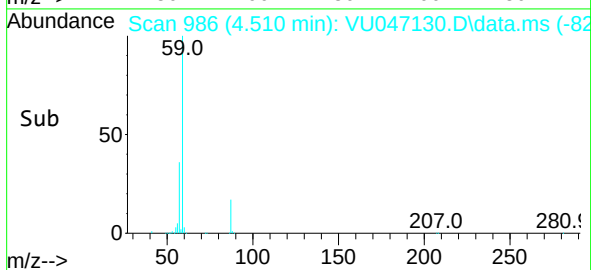
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/16/2022

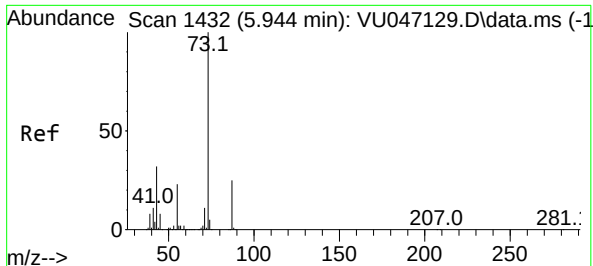


#32
Ethyl-t-butyl ether
Concen: 21.947 ug/l
RT: 4.510 min Scan# 986
Delta R.T. 0.003 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40



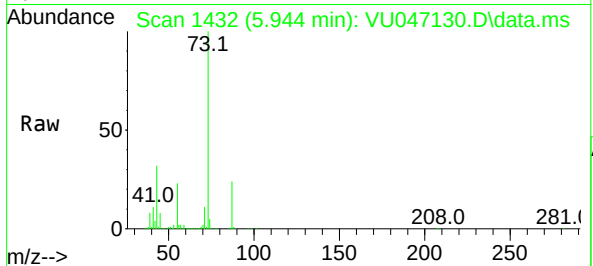
Tgt Ion: 59 Resp: 908992
Ion Ratio Lower Upper
59 100
87 42.2 32.7 49.1





#33
Tert-Amyl methyl ether
Concen: 22.159 ug/l
RT: 5.944 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40

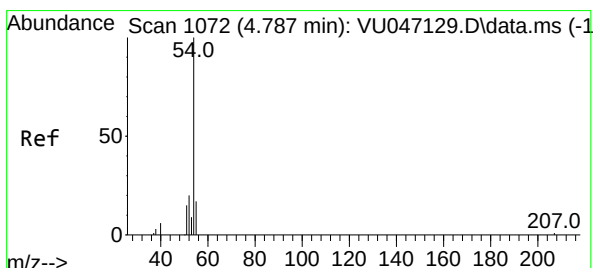
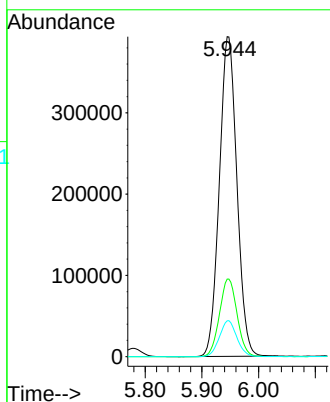
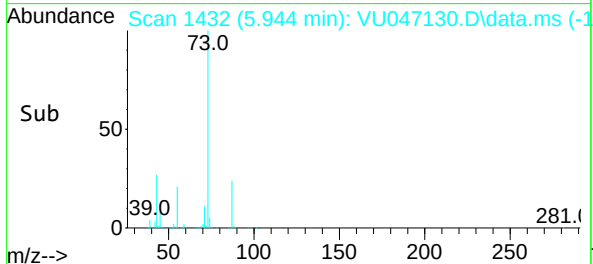
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020



Tgt Ion: 73 Resp: 845317
Ion Ratio Lower Upper
73 100
87 24.3 18.6 28.0
71 11.2 9.0 13.6

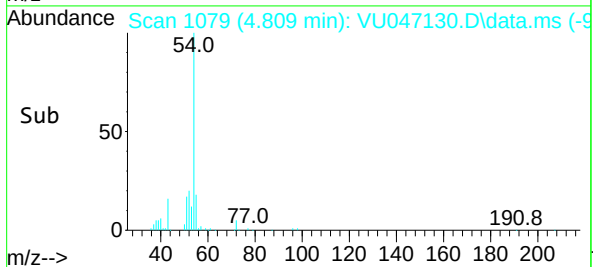
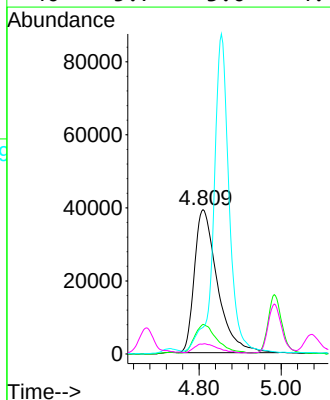
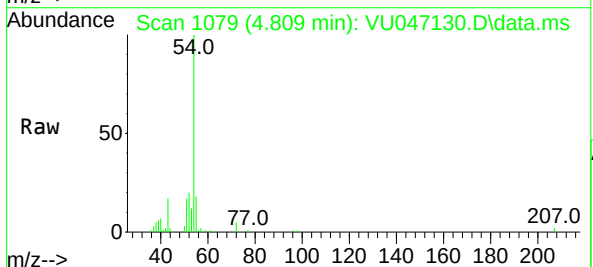
Manual Integrations
APPROVED

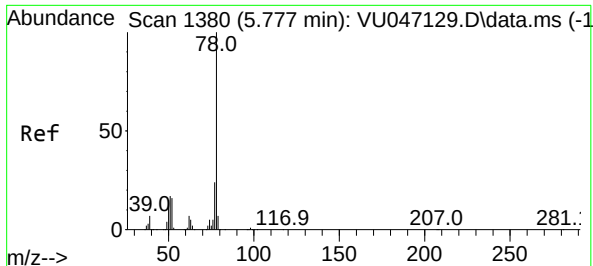
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/16/2022



#34
Propionitrile
Concen: 100.299 ug/l
RT: 4.809 min Scan# 1079
Delta R.T. 0.022 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40

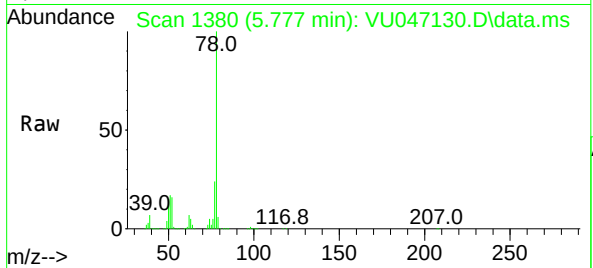
Tgt Ion: 54 Resp: 152357
Ion Ratio Lower Upper
54 100
52 20.9 11.9 17.9#
55 150.0 8.0 12.0#
40 5.7 3.0 4.4#





#35
Benzene
Concen: 21.386 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40

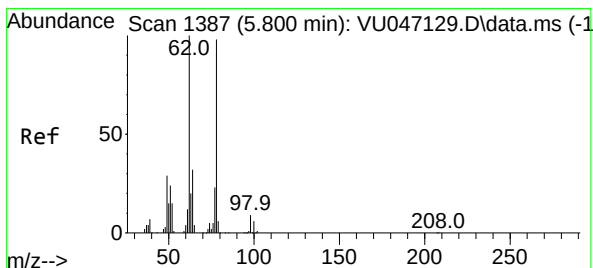
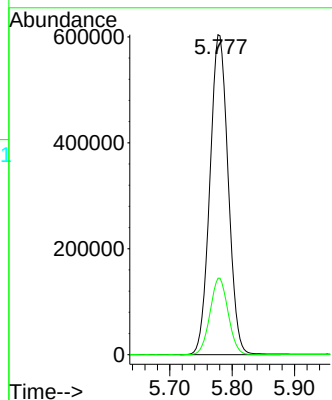
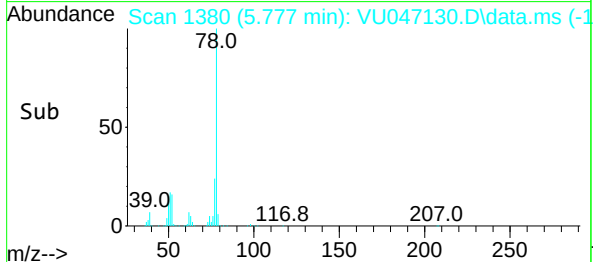
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020



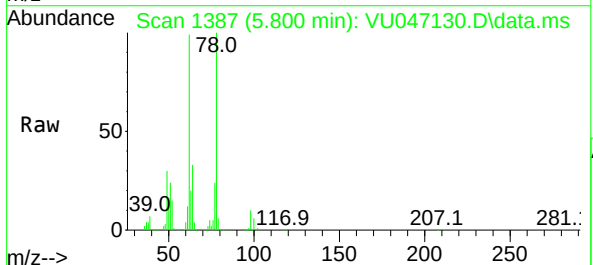
Tgt Ion: 78 Resp: 1227704
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7

Manual Integrations
APPROVED

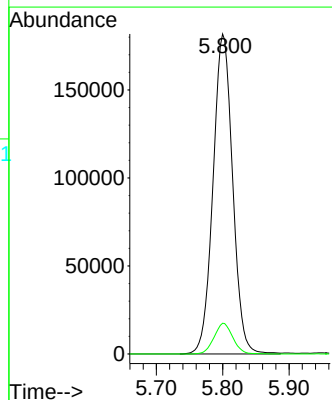
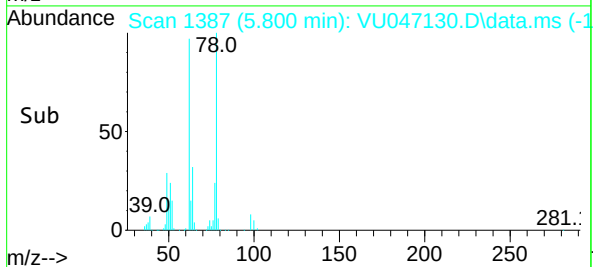
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/16/2022

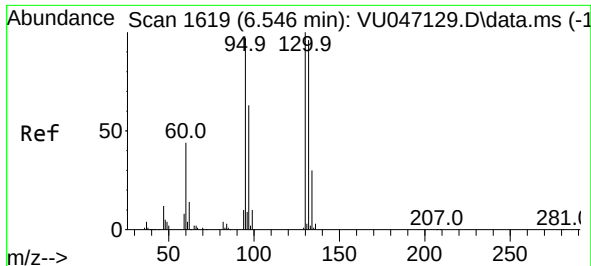


#36
1,2-Dichloroethane
Concen: 21.480 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40



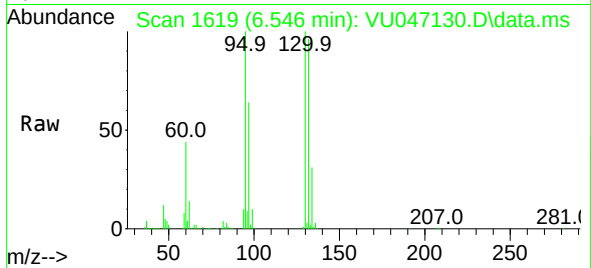
Tgt Ion: 62 Resp: 373340
Ion Ratio Lower Upper
62 100
98 9.2 7.3 10.9





#37
 Trichloroethene
 Concen: 21.143 ug/l
 RT: 6.546 min Scan# 1619
 Delta R.T. 0.000 min
 Lab File: VU047130.D
 Acq: 14 Feb 2022 12:40

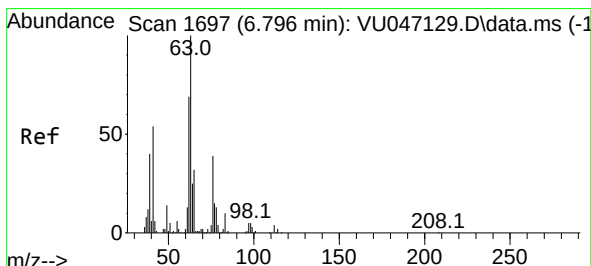
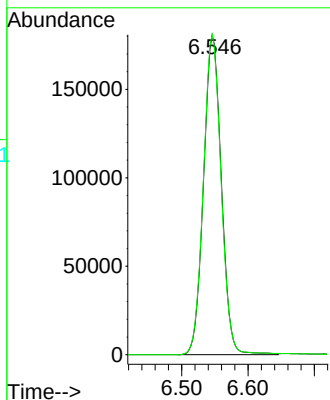
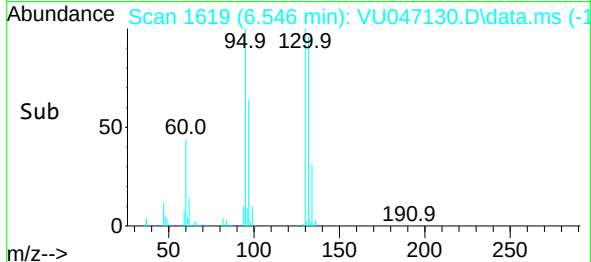
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020



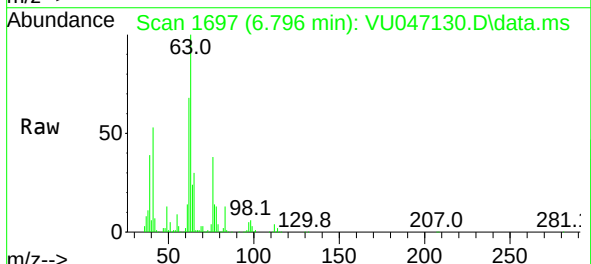
Tgt Ion:130 Resp: 33604
 Ion Ratio Lower Upper
 130 100
 95 100.1 83.8 125.8

Manual Integrations
 APPROVED

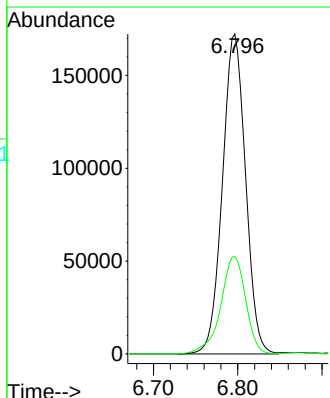
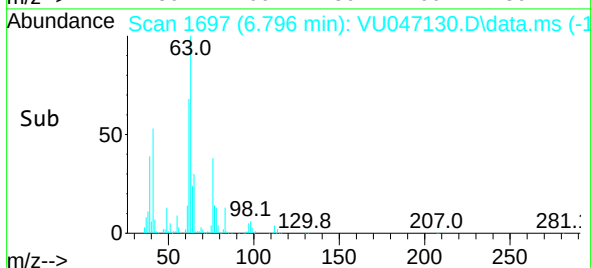
Reviewed By :John Carlone 02/15/2022
 Supervised By :Mahesh Dadoda 02/16/2022

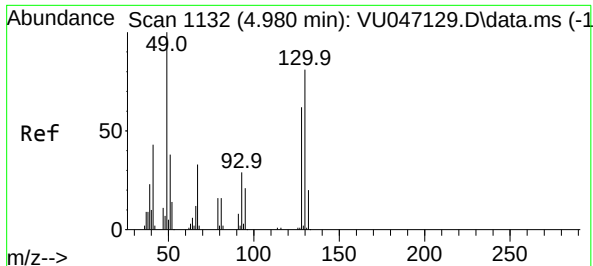


#38
 1,2-Dichloropropane
 Concen: 21.588 ug/l
 RT: 6.796 min Scan# 1697
 Delta R.T. 0.000 min
 Lab File: VU047130.D
 Acq: 14 Feb 2022 12:40



Tgt Ion: 63 Resp: 327960
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.7 37.1





#39

Methacrylonitrile

Concen: 22.819 ug/l

RT: 4.983 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VU047130.D

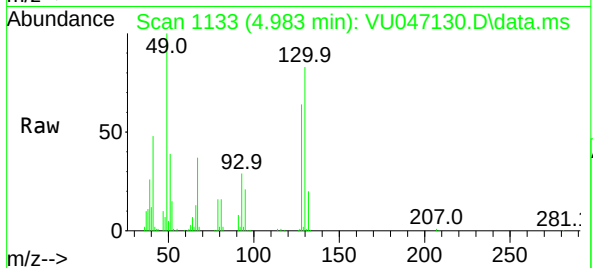
Acq: 14 Feb 2022 12:40

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020



Tgt Ion: 41 Resp: 119470

Ion Ratio Lower Upper

41 100

67 80.3 65.2 97.8

39 54.4 43.0 64.6

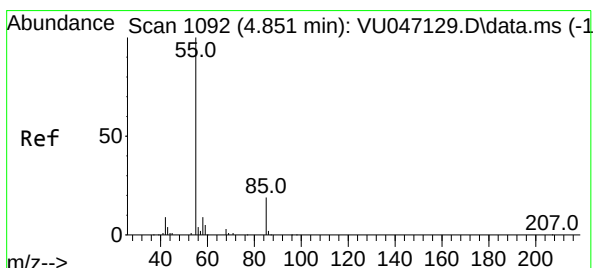
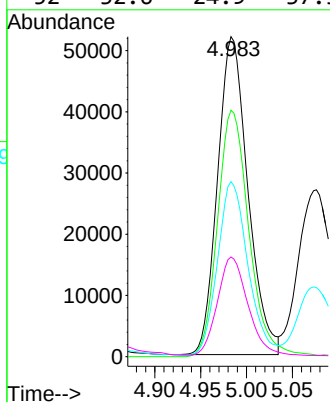
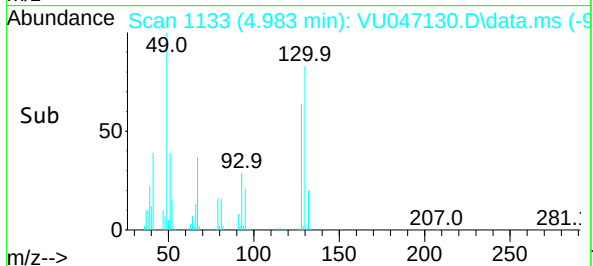
52 32.6 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/16/2022



#40

Methyl acrylate

Concen: 25.821 ug/l

RT: 4.854 min Scan# 1093

Delta R.T. 0.003 min

Lab File: VU047130.D

Acq: 14 Feb 2022 12:40

Tgt Ion: 55 Resp: 228527

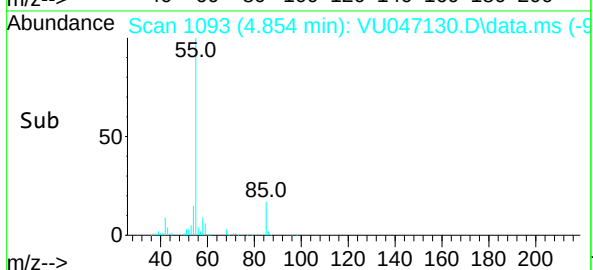
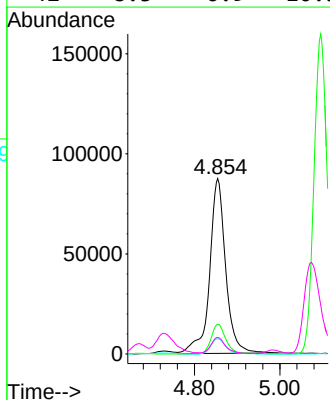
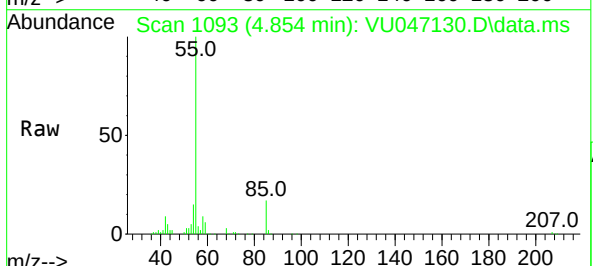
Ion Ratio Lower Upper

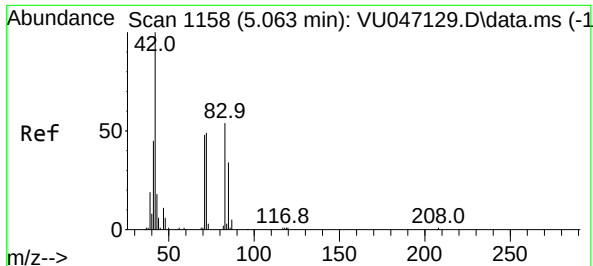
55 100

85 15.6 12.2 18.2

58 8.2 6.7 10.1

42 8.3 6.9 10.3





#41

Tetrahydrofuran

Concen: 47.655 ug/l

RT: 5.073 min Scan# 1158

Delta R.T. 0.010 min

Lab File: VU047130.D

Acq: 14 Feb 2022 12:40

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

Tgt Ion: 42 Resp: 12710

Ion Ratio Lower Upper

42 100

72 50.3 42.4 63.6

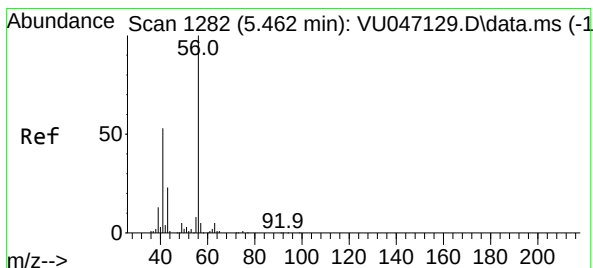
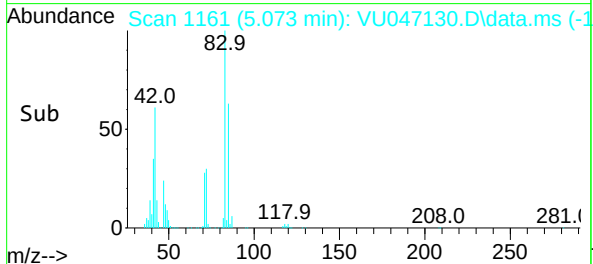
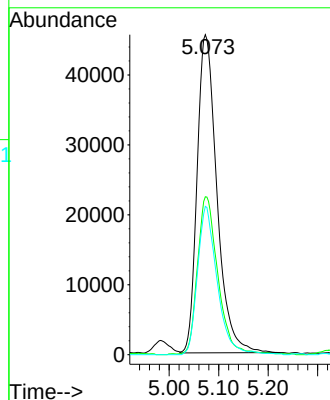
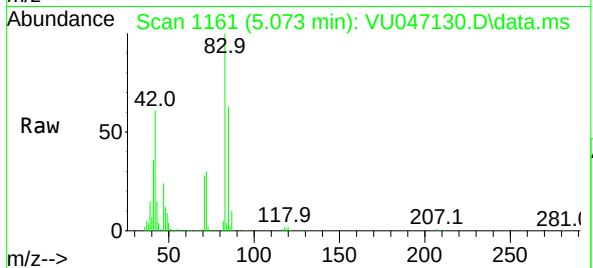
71 45.5 36.4 54.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/16/2022



#42

1-Chlorobutane

Concen: 21.363 ug/l

RT: 5.465 min Scan# 1283

Delta R.T. 0.003 min

Lab File: VU047130.D

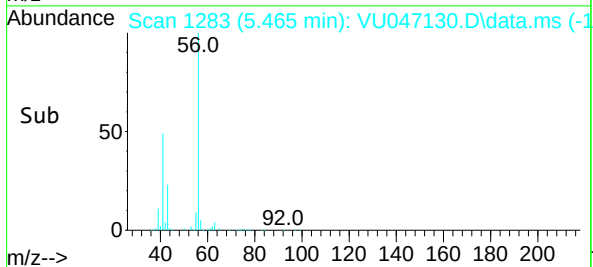
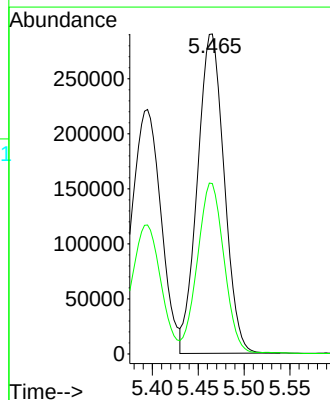
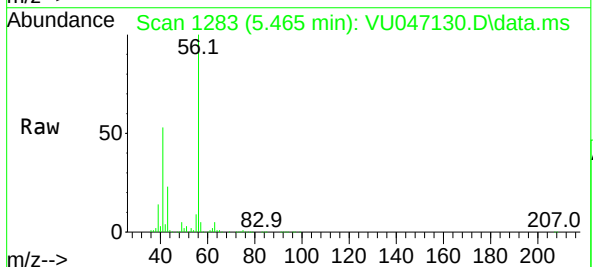
Acq: 14 Feb 2022 12:40

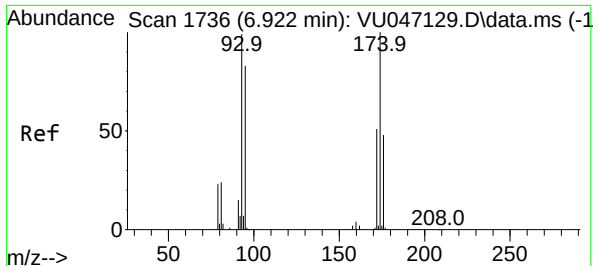
Tgt Ion: 56 Resp: 587591

Ion Ratio Lower Upper

56 100

41 53.5 26.0 78.0





#43

Dibromomethane

Concen: 21.217 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. 0.000 min

Lab File: VU047130.D

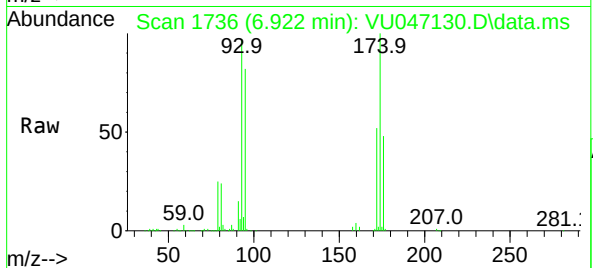
Acq: 14 Feb 2022 12:40

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020



Tgt Ion: 93 Resp: 173820

Ion Ratio Lower Upper

93 100

95 84.5 66.2 99.2

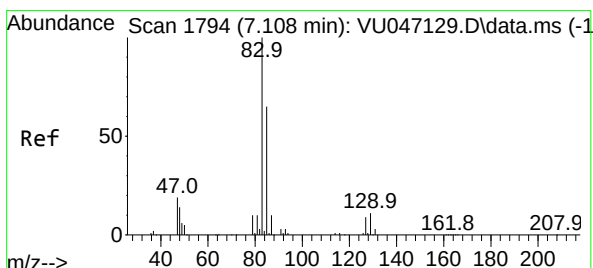
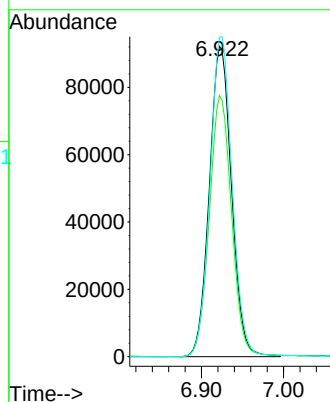
174 103.3 70.7 106.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/16/2022



#44

Bromodichloromethane

Concen: 21.436 ug/l

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU047130.D

Acq: 14 Feb 2022 12:40

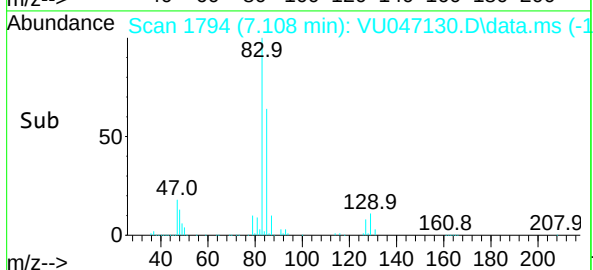
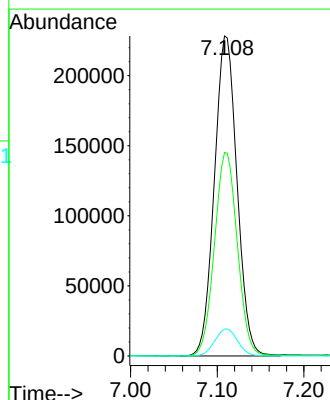
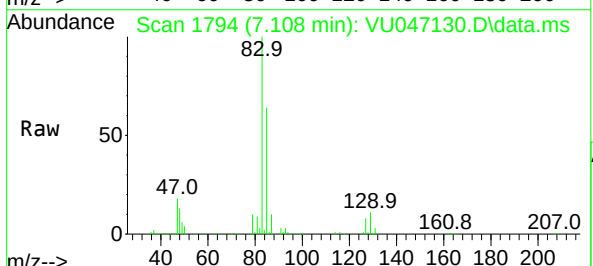
Tgt Ion: 83 Resp: 415351

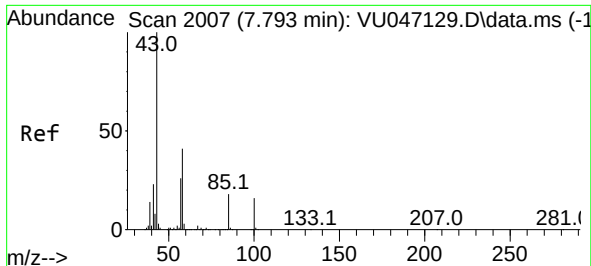
Ion Ratio Lower Upper

83 100

85 63.5 50.9 76.3

127 8.4 6.0 9.0





#45

4-Methyl-2-Pentanone

Concen: 109.737 ug/l

RT: 7.796 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU047130.D

Acq: 14 Feb 2022 12:40

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 121594

Ion Ratio Lower Upper

43 100

58 41.7 21.0 63.0

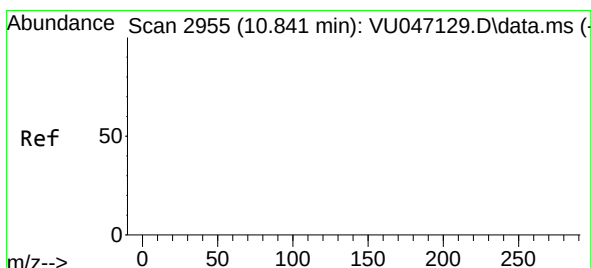
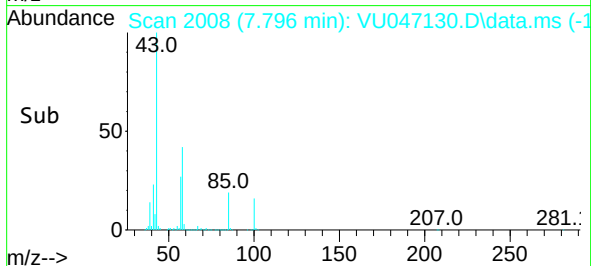
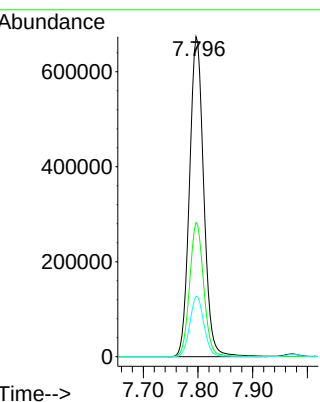
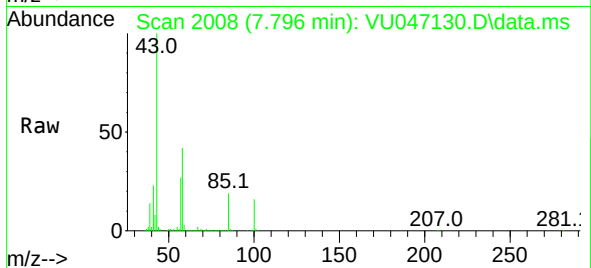
85 18.9 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/16/2022



#46

t-1,4-Dichloro-2-butene

Concen: 58.909 ug/l m

RT: 10.841 min Scan# 2955

Delta R.T. 0.000 min

Lab File: VU047130.D

Acq: 14 Feb 2022 12:40

Tgt Ion: 75 Resp: 264204

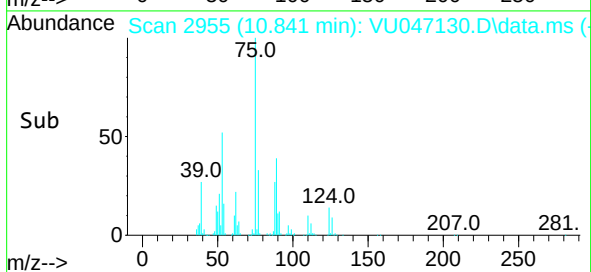
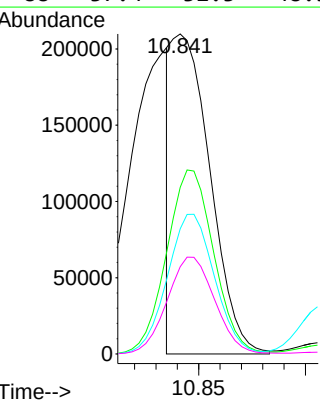
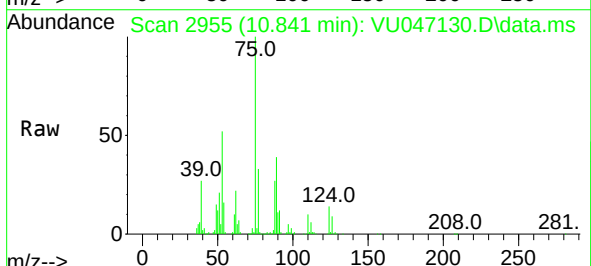
Ion Ratio Lower Upper

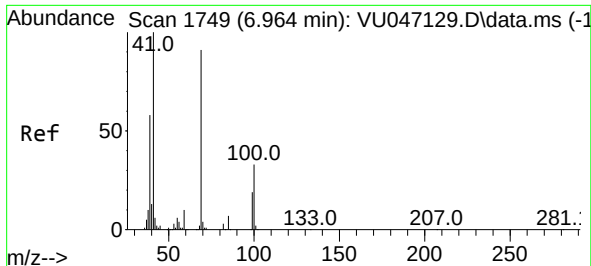
75 100

53 70.4 66.8 100.2

89 53.5 41.7 62.5

88 37.4 32.3 48.5





#47

Methyl methacrylate

Concen: 43.220 ug/l

RT: 6.964 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VU047130.D

Acq: 14 Feb 2022 12:40

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

Tgt Ion: 69 Resp: 371352

Ion Ratio Lower Upper

69 100

41 110.8 0.0 230.0

39 64.0 55.1 82.7

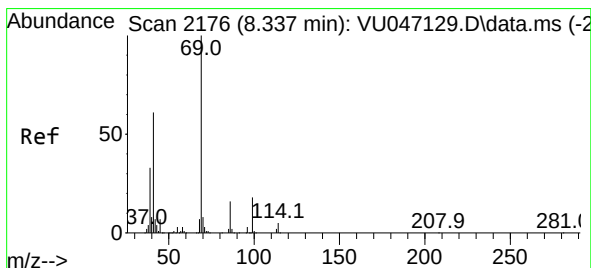
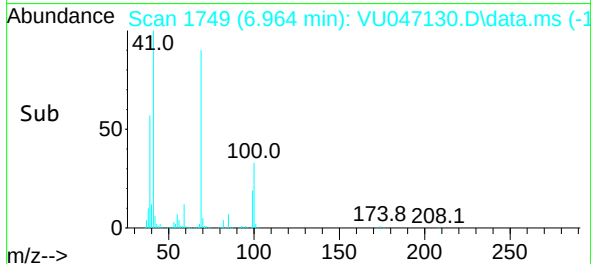
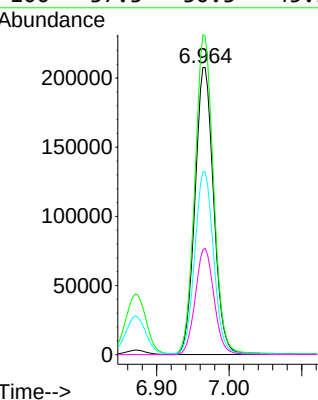
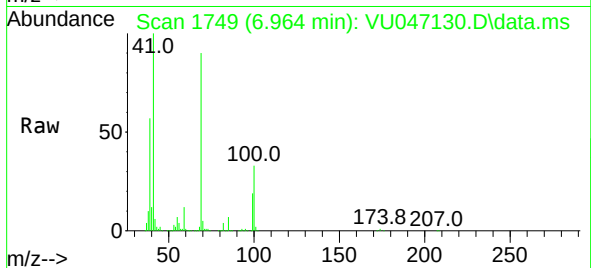
100 37.3 30.3 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/16/2022



#48

Ethyl methacrylate

Concen: 22.296 ug/l

RT: 8.337 min Scan# 2176

Delta R.T. 0.000 min

Lab File: VU047130.D

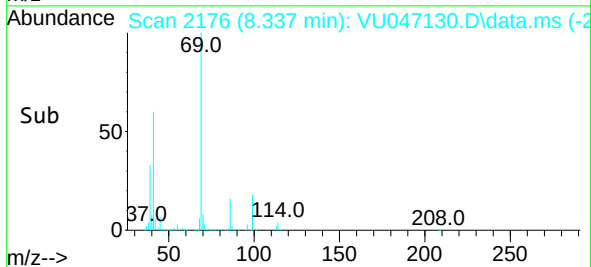
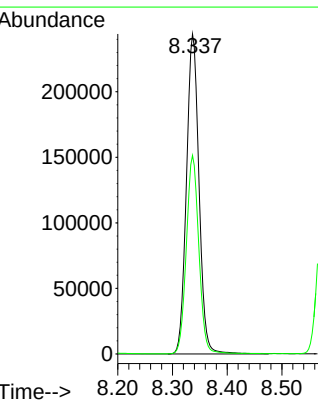
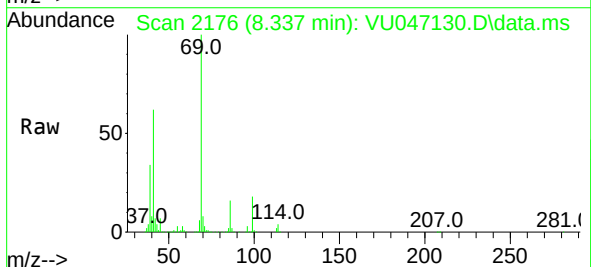
Acq: 14 Feb 2022 12:40

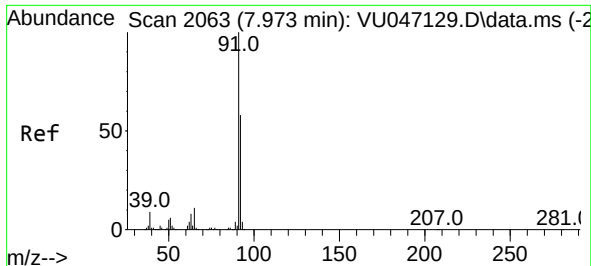
Tgt Ion: 69 Resp: 388332

Ion Ratio Lower Upper

69 100

41 61.7 32.6 98.0





#49

Toluene

Concen: 21.641 ug/l

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU047130.D

Acq: 14 Feb 2022 12:40

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

Tgt Ion: 92 Resp: 801364

Ion Ratio Lower Upper

92 100

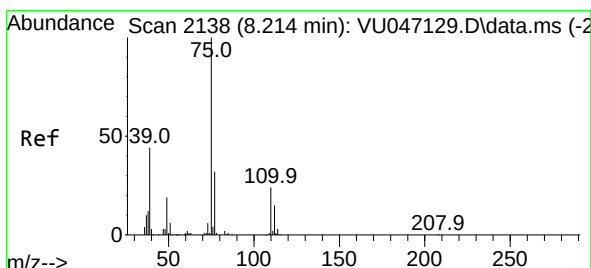
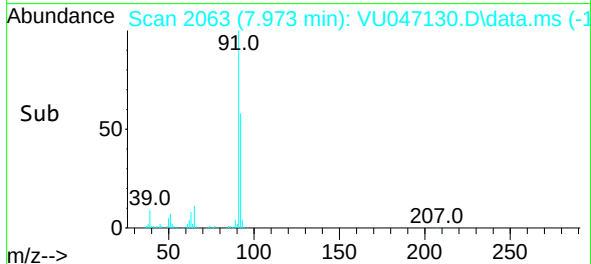
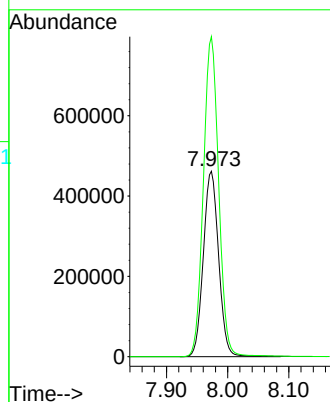
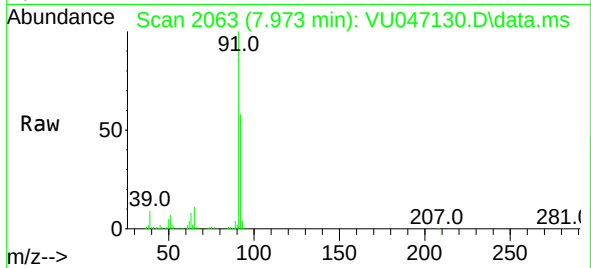
91 172.6 136.8 205.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/16/2022



#50

t-1,3-Dichloropropene

Concen: 22.175 ug/l

RT: 8.214 min Scan# 2138

Delta R.T. 0.000 min

Lab File: VU047130.D

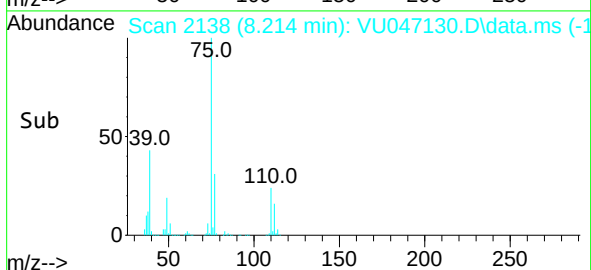
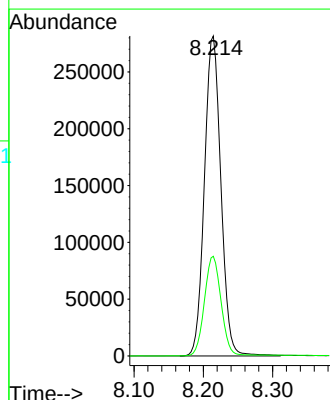
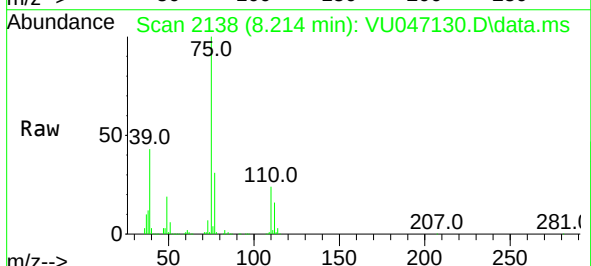
Acq: 14 Feb 2022 12:40

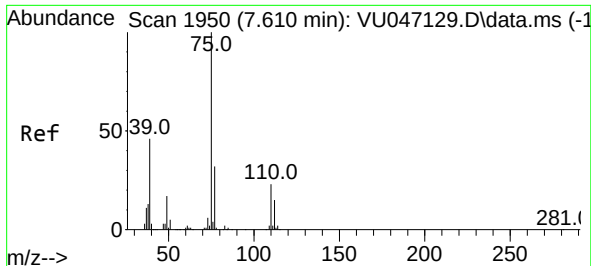
Tgt Ion: 75 Resp: 465077

Ion Ratio Lower Upper

75 100

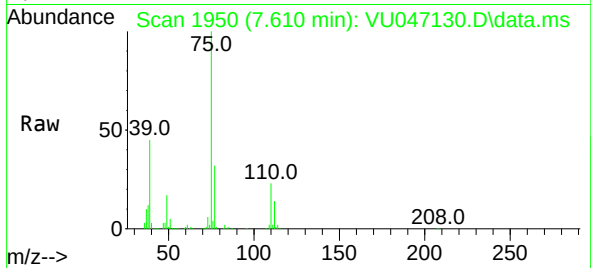
77 31.1 25.6 38.4





#51
 cis-1,3-Dichloropropene
 Concen: 21.865 ug/l
 RT: 7.610 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VU047130.D
 Acq: 14 Feb 2022 12:40

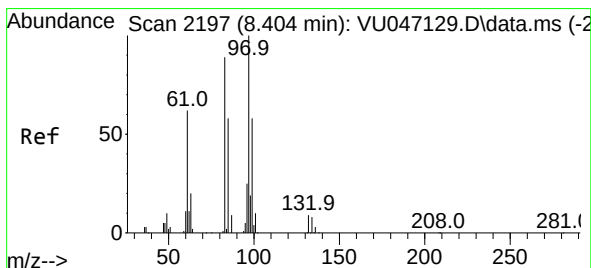
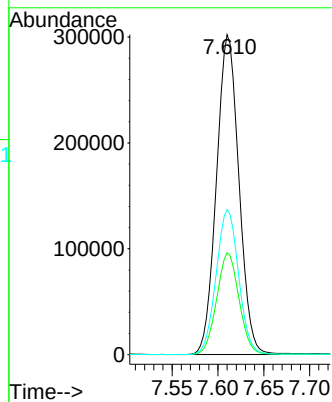
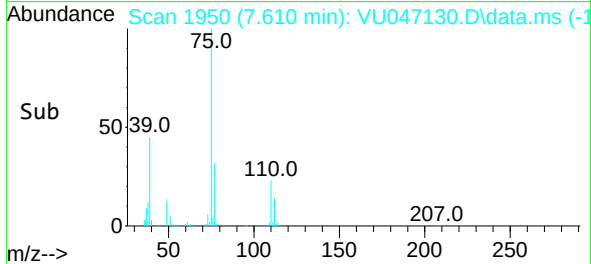
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020



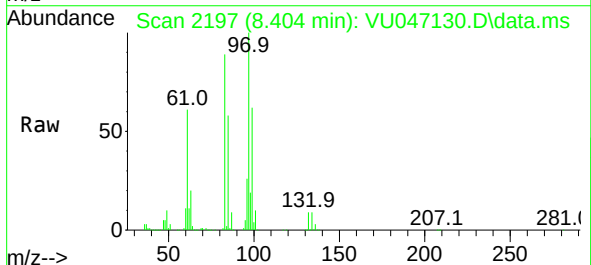
Tgt Ion: 75 Resp: 514084
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.2 37.8
 39 45.3 38.6 57.8

Manual Integrations
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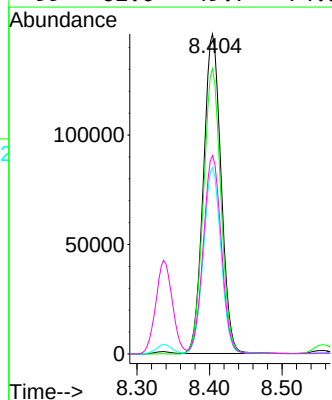
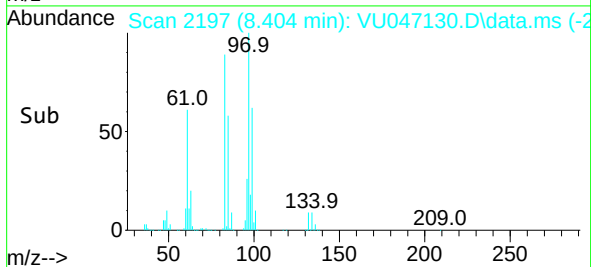
Reviewed By :John Carlone 02/15/2022
 Supervised By :Mahesh Dadoda 02/16/2022

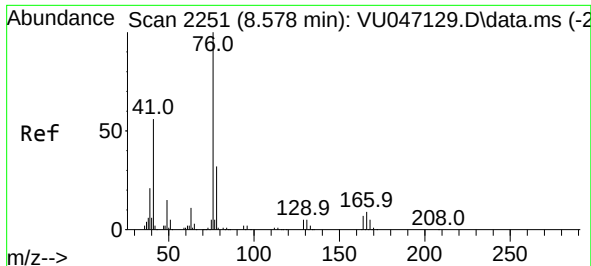


#52
 1,1,2-Trichloroethane
 Concen: 21.126 ug/l
 RT: 8.404 min Scan# 2197
 Delta R.T. 0.000 min
 Lab File: VU047130.D
 Acq: 14 Feb 2022 12:40



Tgt Ion: 97 Resp: 246935
 Ion Ratio Lower Upper
 97 100
 83 89.3 69.8 104.8
 85 58.2 44.2 66.4
 99 62.0 49.7 74.5





#53

1,3-Dichloropropane

Concen: 21.153 ug/l

RT: 8.578 min Scan# 2251

Delta R.T. 0.000 min

Lab File: VU047130.D

Acq: 14 Feb 2022 12:40

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 441768

Ion Ratio Lower Upper

76 100

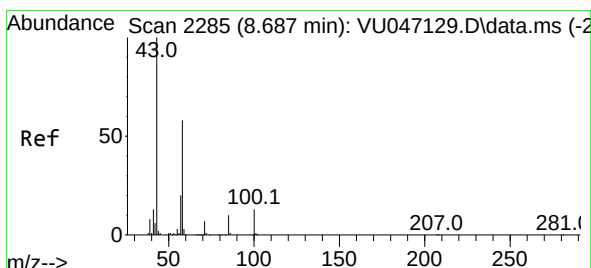
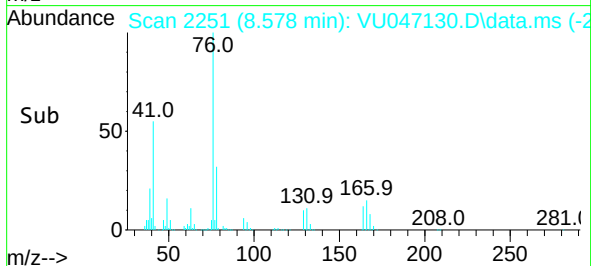
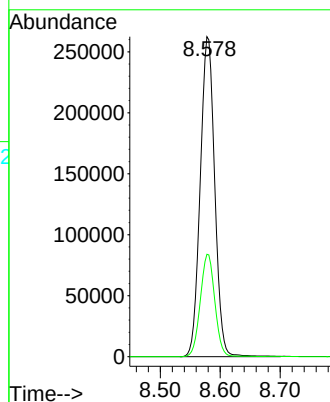
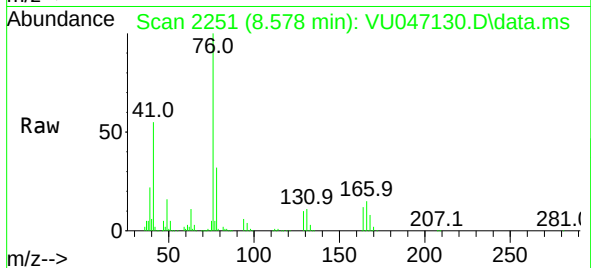
78 32.1 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/16/2022



#54

2-Hexanone

Concen: 107.508 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. 0.003 min

Lab File: VU047130.D

Acq: 14 Feb 2022 12:40

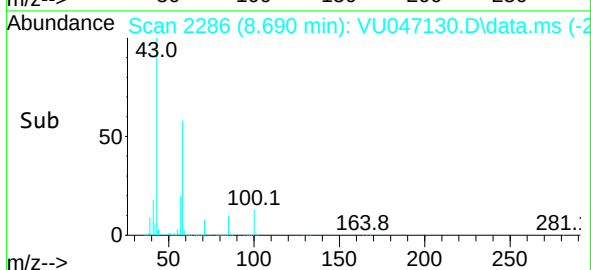
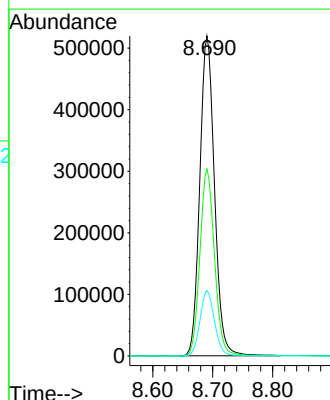
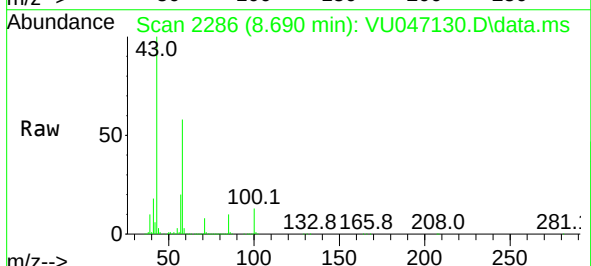
Tgt Ion: 43 Resp: 887483

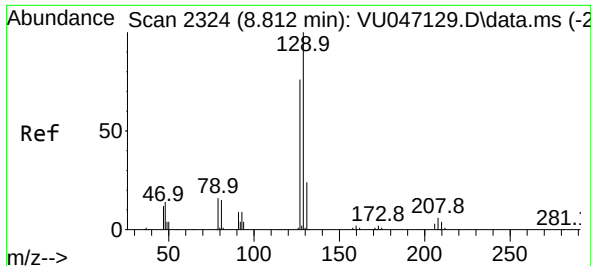
Ion Ratio Lower Upper

43 100

58 58.1 37.7 77.7

57 20.2 0.5 40.5





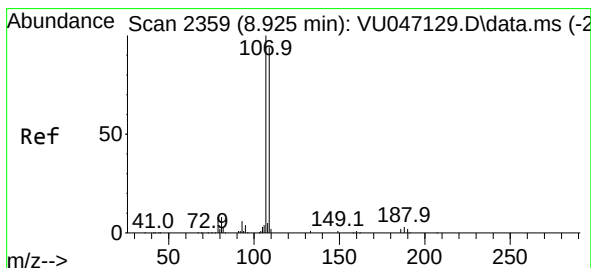
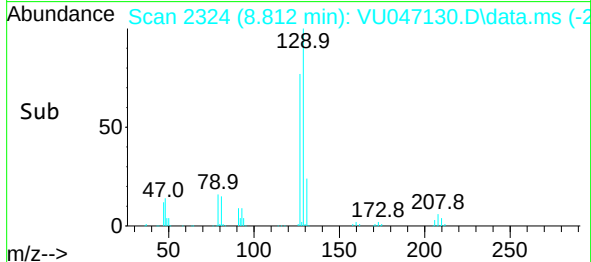
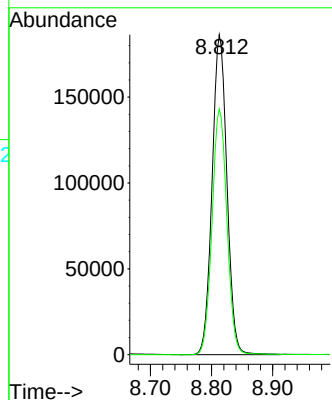
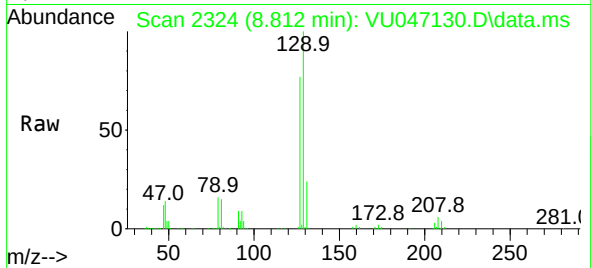
#55
Dibromochloromethane
Concen: 22.103 ug/l
RT: 8.812 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Tgt Ion:129 Resp: 314104
Ion Ratio Lower Upper
129 100
127 77.0 62.2 93.4

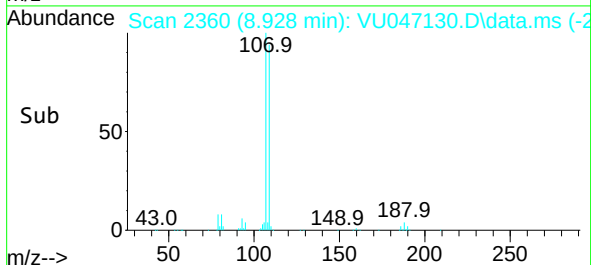
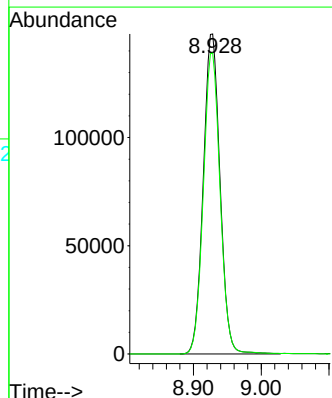
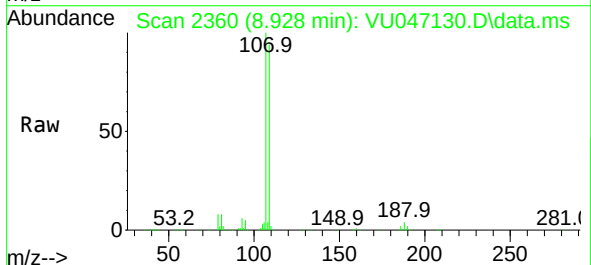
Manual Integrations
APPROVED

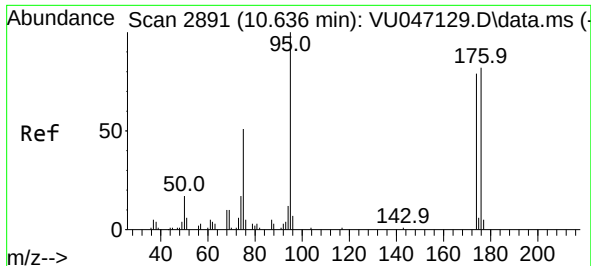
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/16/2022



#56
1,2-Dibromoethane
Concen: 21.430 ug/l
RT: 8.928 min Scan# 2360
Delta R.T. 0.003 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40

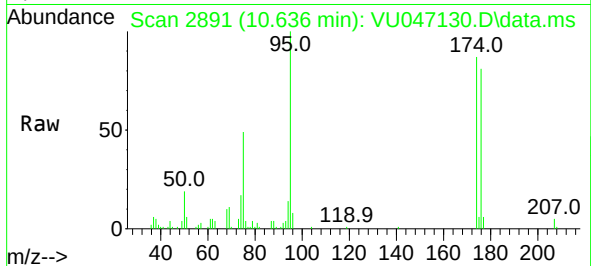
Tgt Ion:107 Resp: 253161
Ion Ratio Lower Upper
107 100
109 94.3 0.0 185.0





#57
4-Bromofluorobenzene
Concen: 1.017 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40

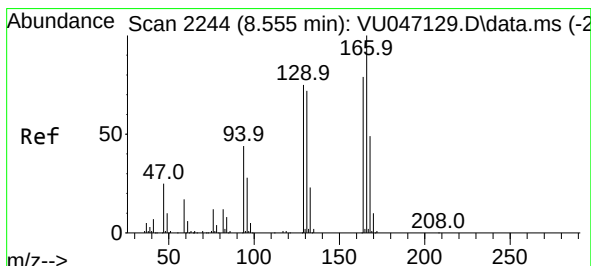
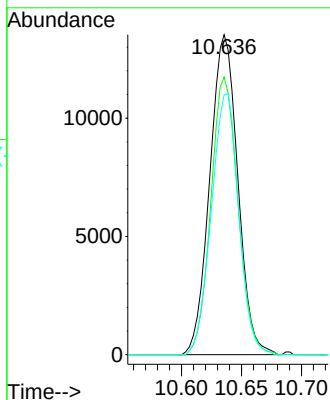
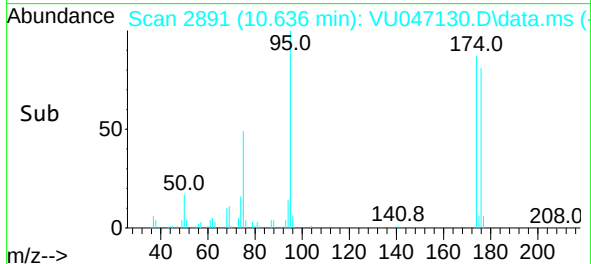
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



Tgt Ion: 95 Resp: 21950
Ion Ratio Lower Upper
95 100
174 83.6 56.6 84.8
176 80.0 54.3 81.5

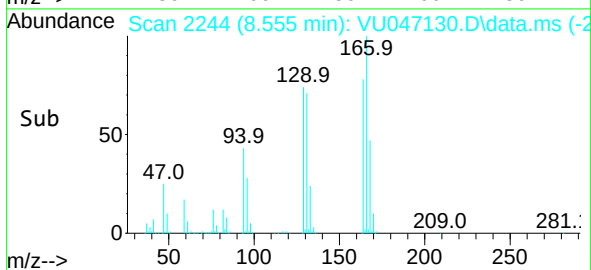
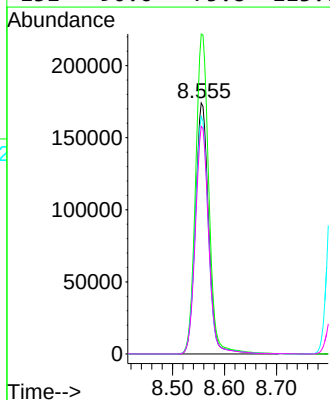
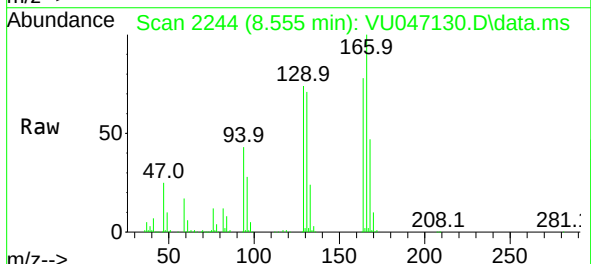
Manual Integrations
APPROVED

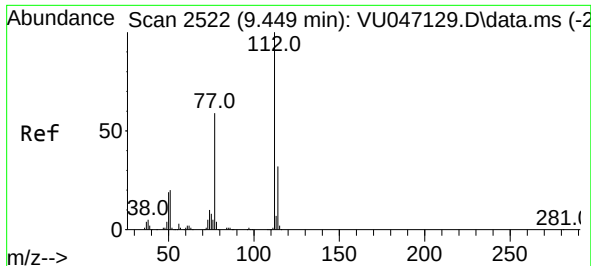
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/16/2022



#58
Tetrachloroethene
Concen: 20.951 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40

Tgt Ion:164 Resp: 307268
Ion Ratio Lower Upper
164 100
166 127.5 102.0 153.0
129 94.6 77.1 115.7
131 90.6 75.8 113.6





#59

Chlorobenzene

Concen: 21.635 ug/l

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU047130.D

Acq: 14 Feb 2022 12:40

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

Tgt Ion:112 Resp: 89327

Ion Ratio Lower Upper

112 100

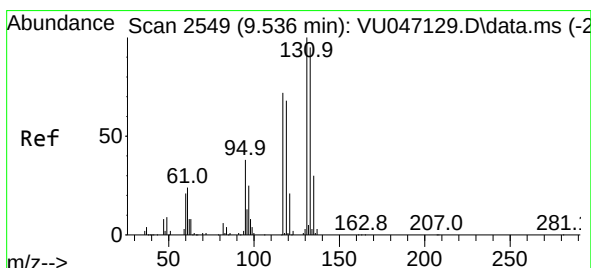
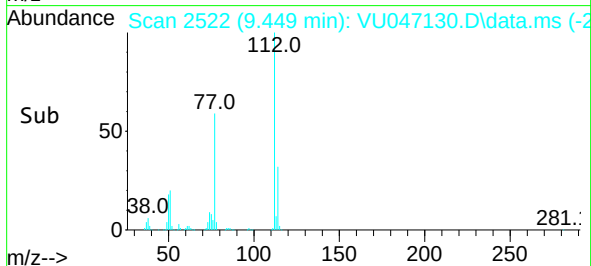
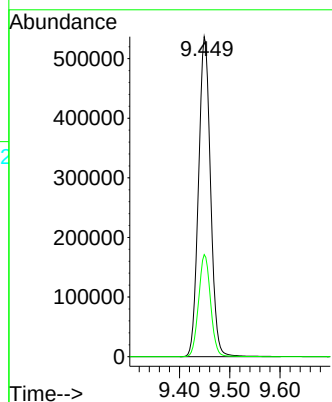
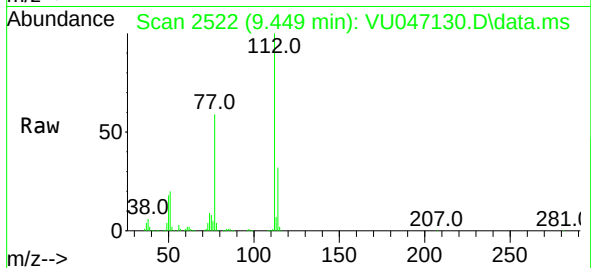
114 31.9 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/16/2022



#60

1,1,1,2-Tetrachloroethane

Concen: 22.282 ug/l

RT: 9.536 min Scan# 2549

Delta R.T. 0.000 min

Lab File: VU047130.D

Acq: 14 Feb 2022 12:40

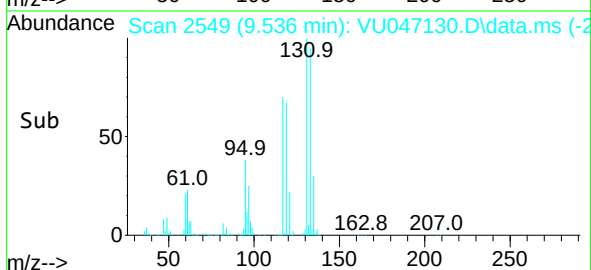
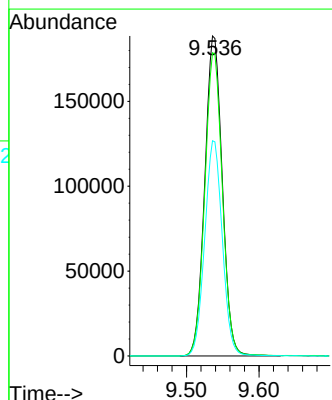
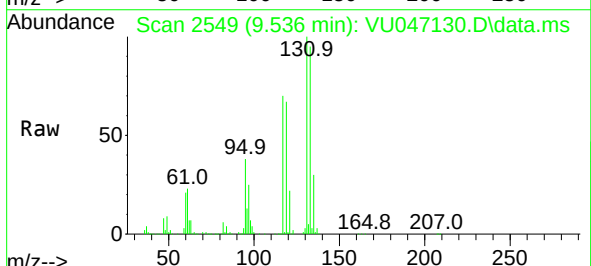
Tgt Ion:131 Resp: 316194

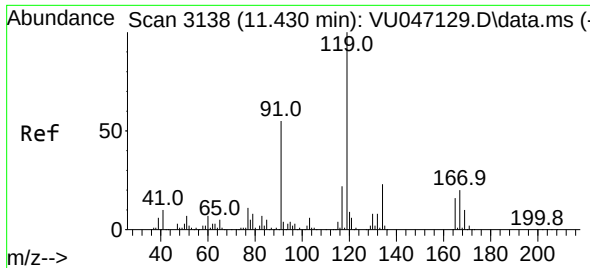
Ion Ratio Lower Upper

131 100

133 95.3 76.0 114.0

119 67.6 54.9 82.3





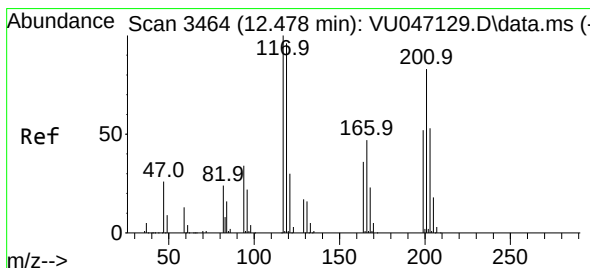
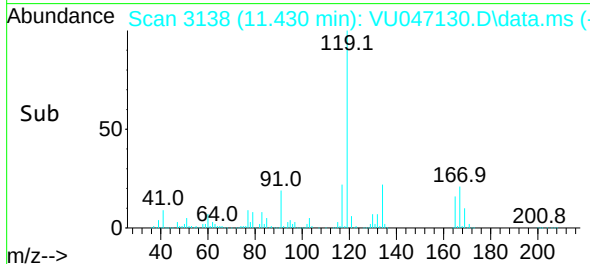
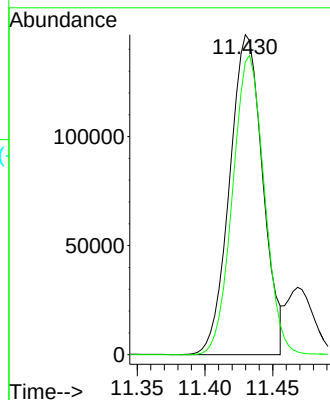
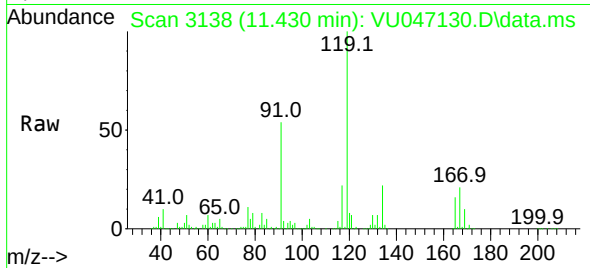
#61
 Pentachloroethane
 Concen: 23.149 ug/l
 RT: 11.430 min Scan# 3138
 Delta R.T. 0.000 min
 Lab File: VU047130.D
 Acq: 14 Feb 2022 12:40

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC020

Tgt Ion:117 Resp: 249375
 Ion Ratio Lower Upper
 117 100
 167 89.4 59.7 89.5

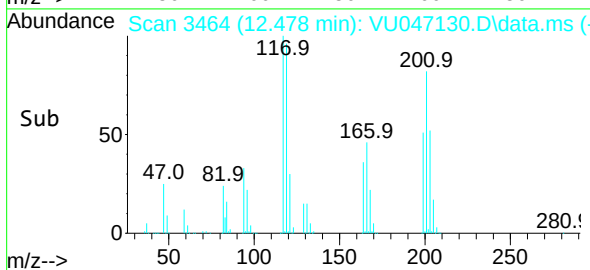
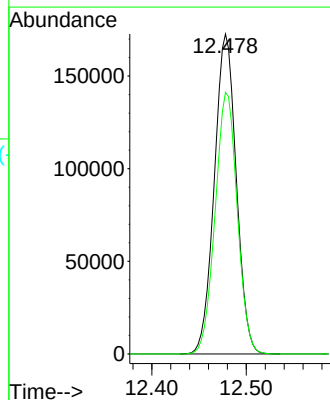
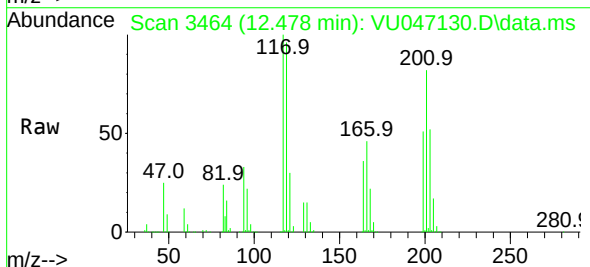
Manual Integrations
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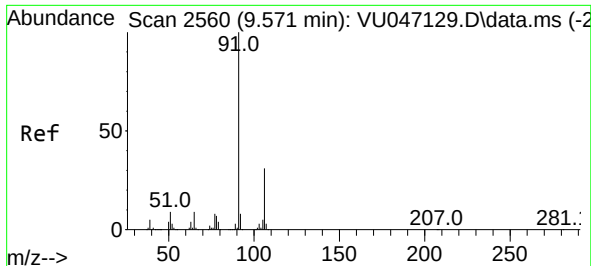
Reviewed By :John Carlone 02/15/2022
 Supervised By :Mahesh Dadoda 02/16/2022



#62
 Hexachloroethane
 Concen: 23.943 ug/l
 RT: 12.478 min Scan# 3464
 Delta R.T. 0.000 min
 Lab File: VU047130.D
 Acq: 14 Feb 2022 12:40

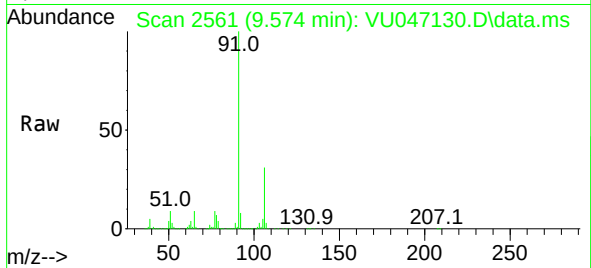
Tgt Ion:117 Resp: 278475
 Ion Ratio Lower Upper
 117 100
 201 82.4 53.6 80.4#





#63
Ethyl Benzene
Concen: 21.716 ug/l
RT: 9.574 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40

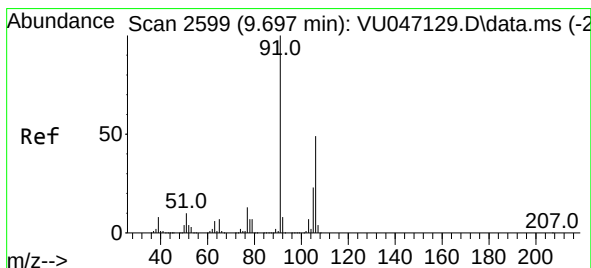
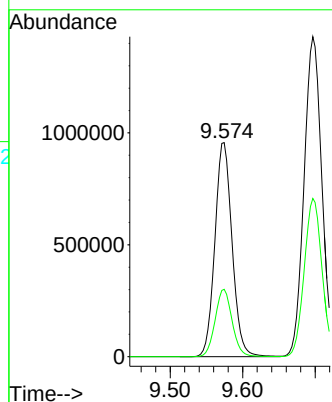
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



Tgt Ion: 91 Resp: 157618
Ion Ratio Lower Upper
91 100
106 31.5 24.4 36.6

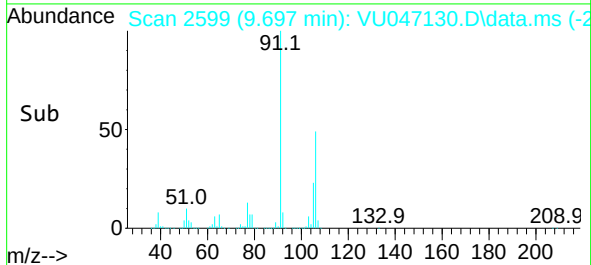
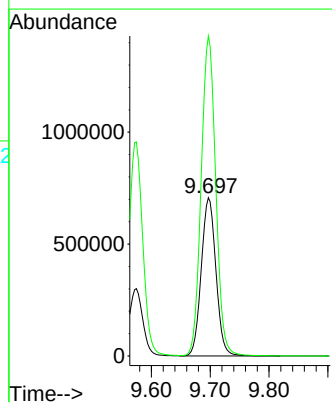
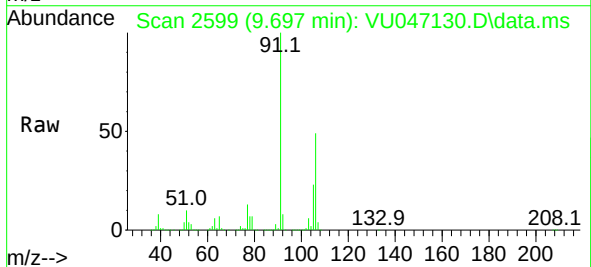
Manual Integrations
APPROVED

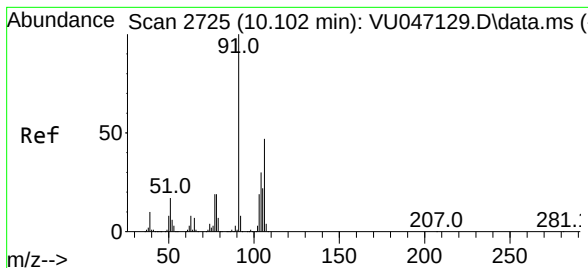
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/16/2022



#64
m/p-Xylenes
Concen: 44.095 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40

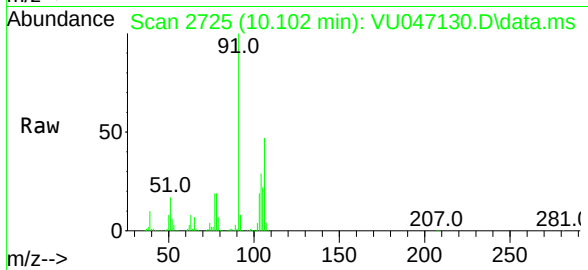
Tgt Ion:106 Resp: 1219924
Ion Ratio Lower Upper
106 100
91 202.2 165.5 248.3





#65
o-Xylene
Concen: 22.099 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40

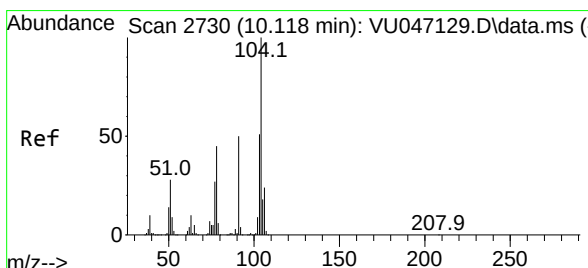
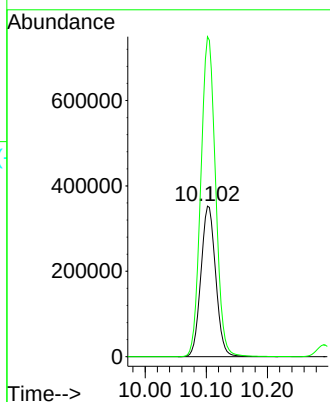
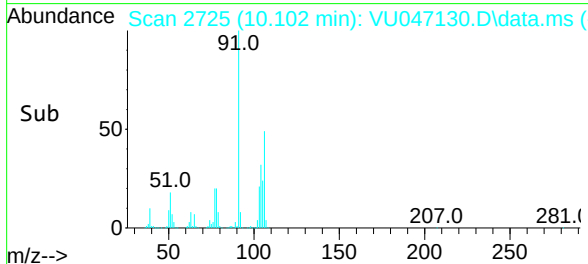
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020



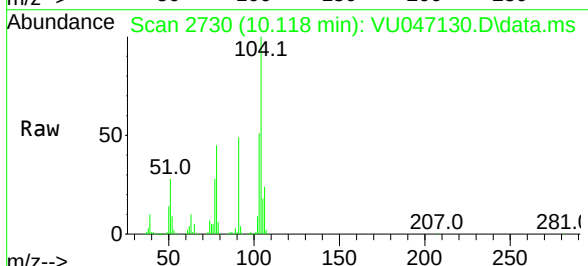
Tgt Ion:106 Resp: 592249
Ion Ratio Lower Upper
106 100
91 212.6 109.4 328.2

Manual Integrations
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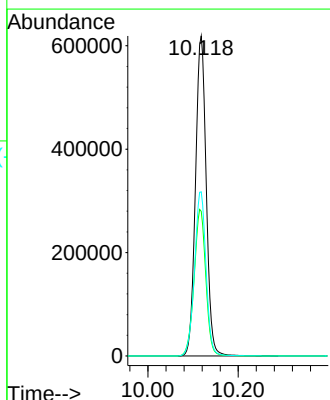
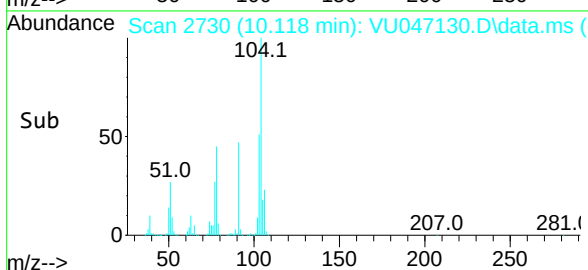
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/16/2022

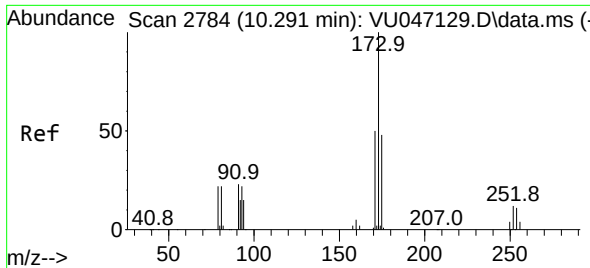


#66
Styrene
Concen: 22.381 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40



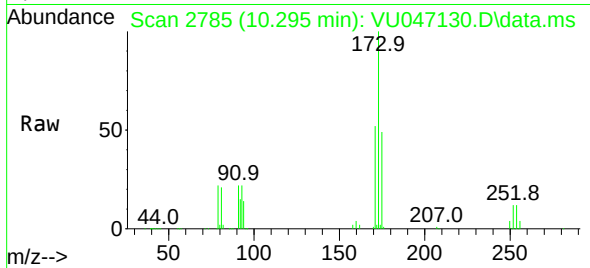
Tgt Ion:104 Resp: 1018008
Ion Ratio Lower Upper
104 100
78 49.8 42.4 63.6
103 55.2 44.2 66.4





#67
Bromoform
Concen: 22.658 ug/l
RT: 10.295 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40

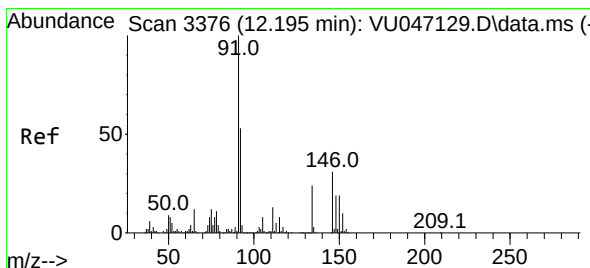
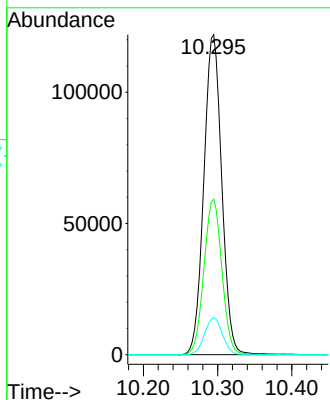
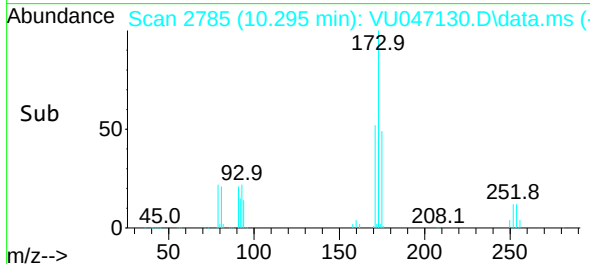
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



Tgt Ion:173 Resp: 20405
Ion Ratio Lower Upper
173 100
175 48.8 39.0 58.4
254 11.5 5.5 8.3

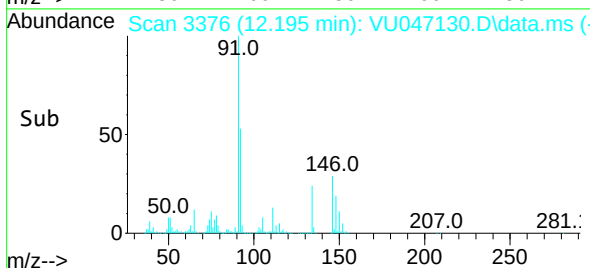
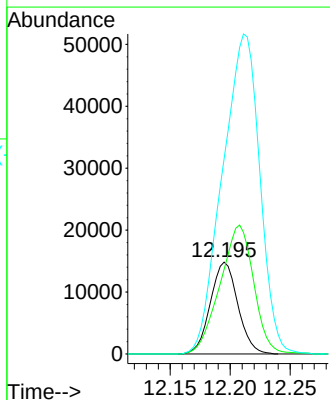
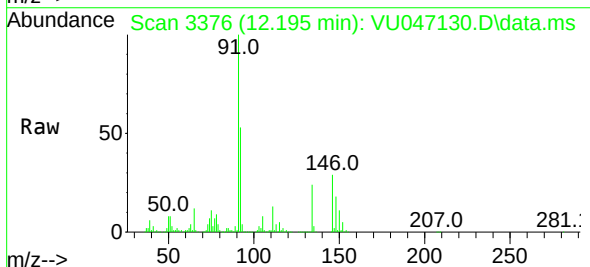
Manual Integrations
APPROVED

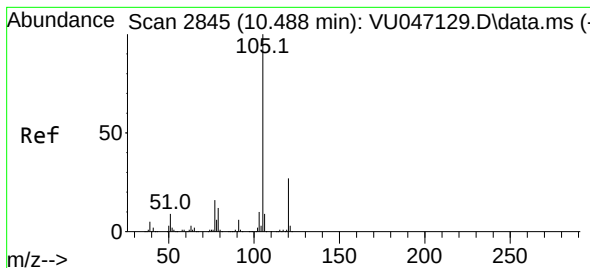
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/16/2022



#68
1,2-Dichlorobenzene-d4
Concen: 1.050 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. 0.000 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40

Tgt Ion:152 Resp: 23602
Ion Ratio Lower Upper
152 100
115 172.3 0.0 251.0
150 474.7 0.0 613.8





#69

Isopropylbenzene

Concen: 22.030 ug/l

RT: 10.488 min Scan# 2845

Delta R.T. 0.000 min

Lab File: VU047130.D

Acq: 14 Feb 2022 12:40

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 158776

Ion Ratio Lower Upper

105 100

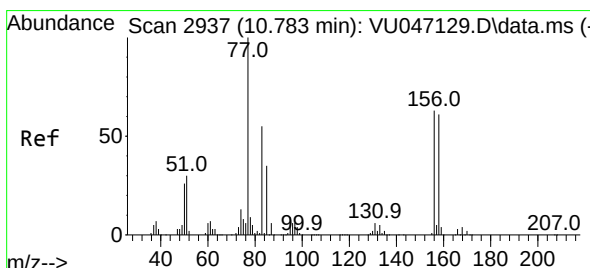
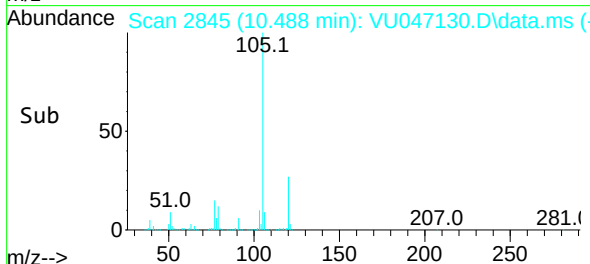
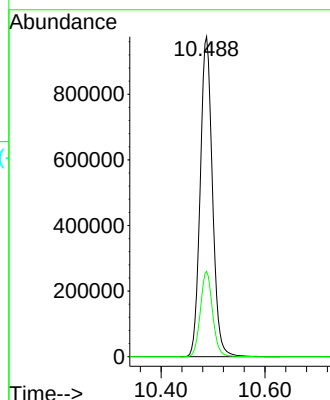
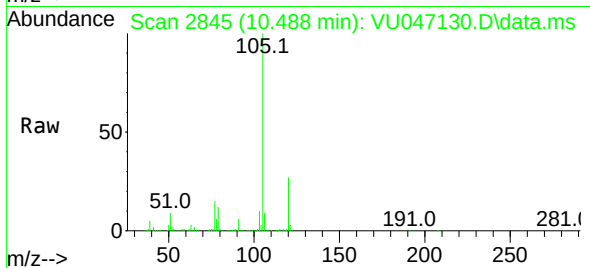
120 26.7 12.8 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/16/2022



#70

1,1,2,2-Tetrachloroethane

Concen: 22.144 ug/l

RT: 10.783 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU047130.D

Acq: 14 Feb 2022 12:40

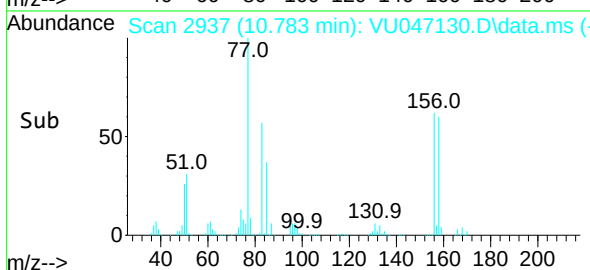
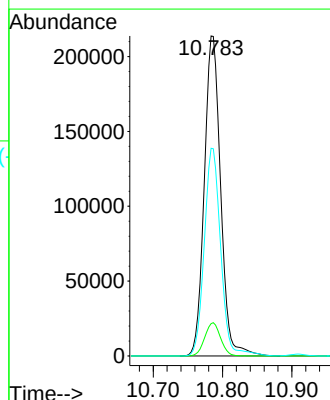
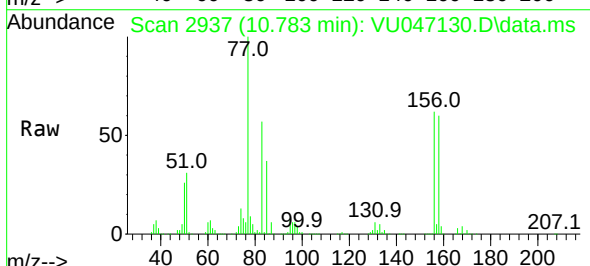
Tgt Ion: 83 Resp: 349952

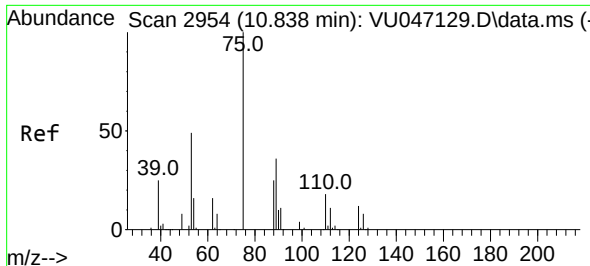
Ion Ratio Lower Upper

83 100

131 10.0 7.6 11.4

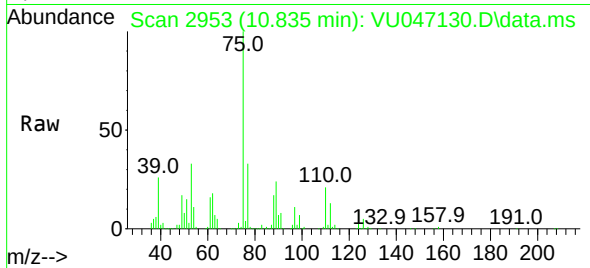
85 65.1 50.9 76.3





#71
1,2,3-Trichloropropane
Concen: 18.521 ug/l m
RT: 10.835 min Scan# 2954
Delta R.T. -0.003 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40

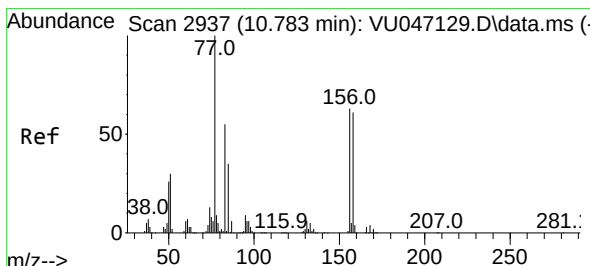
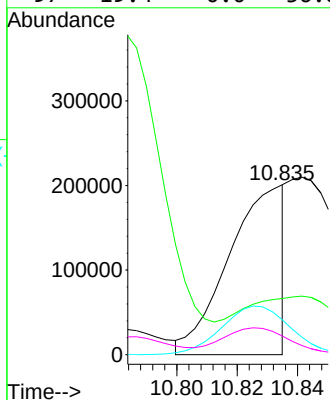
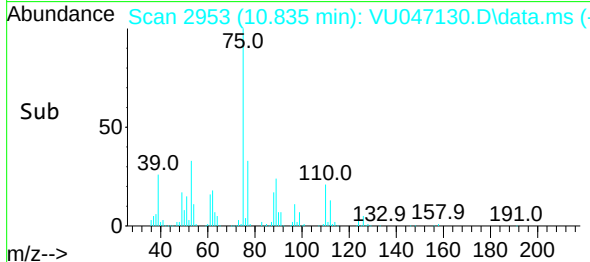
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020



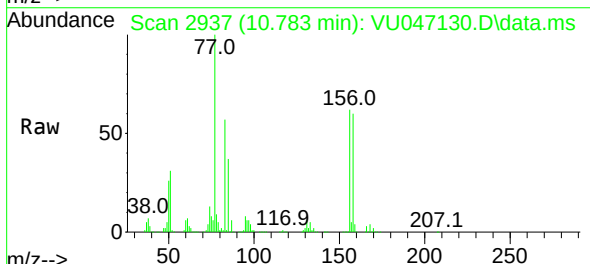
Tgt Ion: 75 Resp: 25556
Ion Ratio Lower Upper
75 100
77 60.5 0.0 105.6
110 36.1 0.0 71.2
97 19.4 0.0 36.8

Manual Integrations
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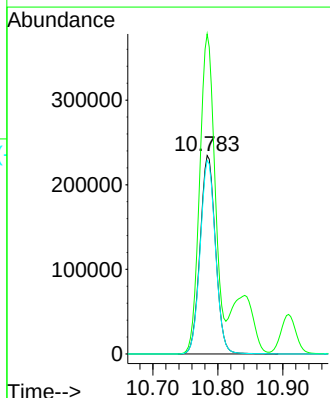
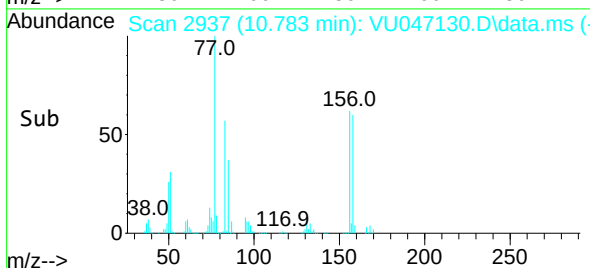
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/16/2022

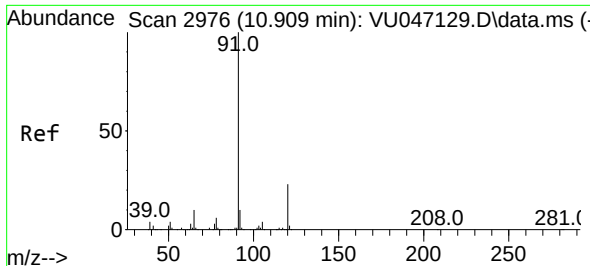


#72
Bromobenzene
Concen: 22.006 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40



Tgt Ion:156 Resp: 387354
Ion Ratio Lower Upper
156 100
77 160.4 0.0 370.6
158 97.3 0.0 193.4





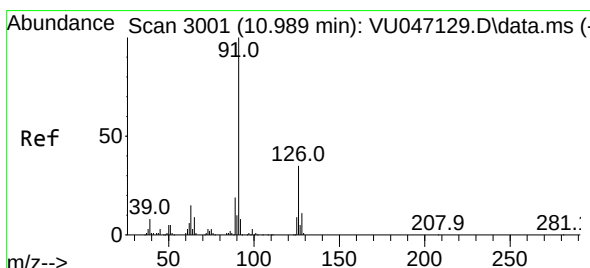
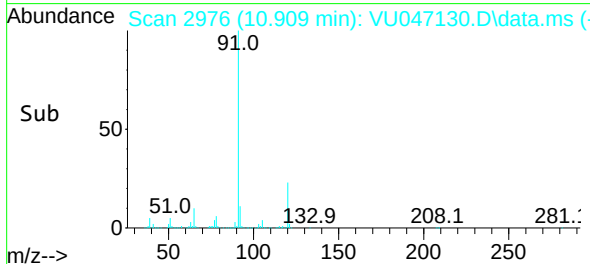
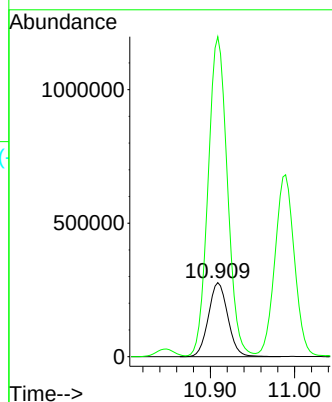
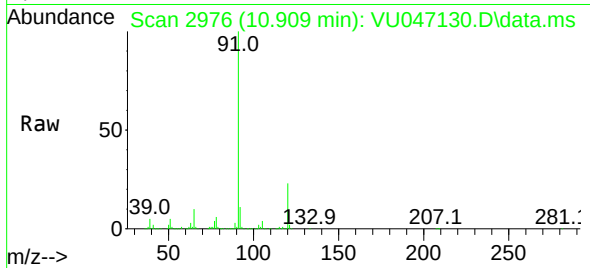
#73
n-propylbenzene
Concen: 22.416 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.000 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Tgt Ion:120 Resp: 444783
Ion Ratio Lower Upper
120 100
91 431.1 370.7 556.1

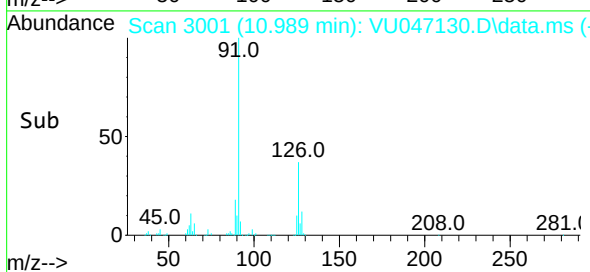
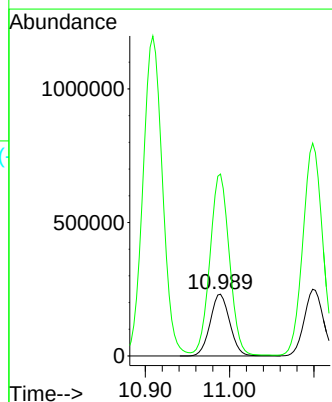
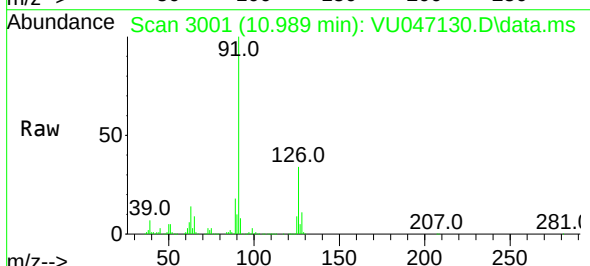
Manual Integrations
APPROVED

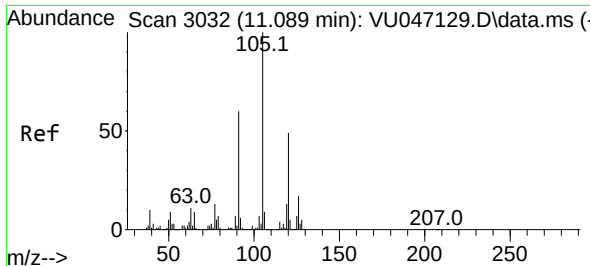
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/16/2022



#74
2-Chlorotoluene
Concen: 22.104 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40

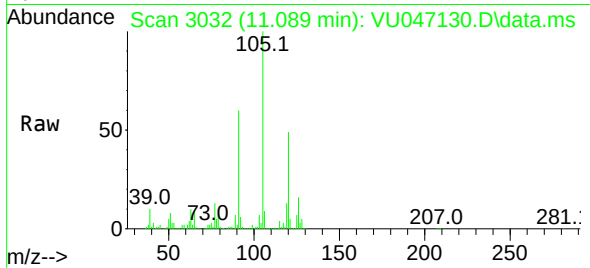
Tgt Ion:126 Resp: 373900
Ion Ratio Lower Upper
126 100
91 294.6 0.0 639.6





#75
1,3,5-Trimethylbenzene
Concen: 22.450 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40

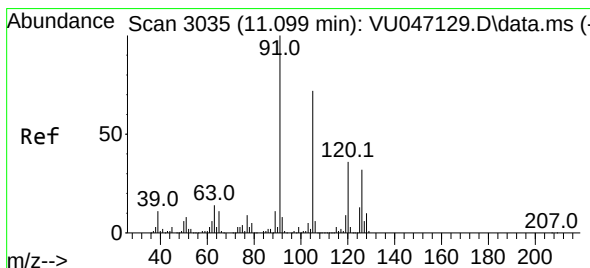
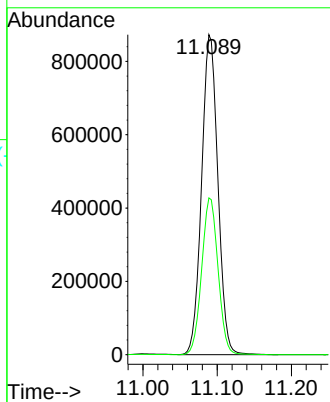
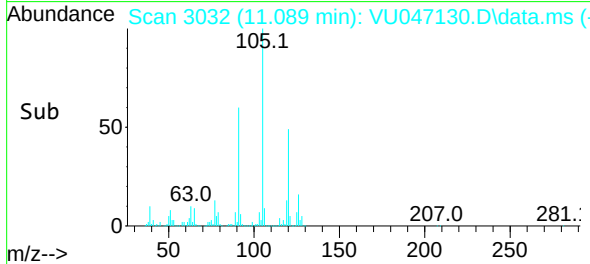
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020



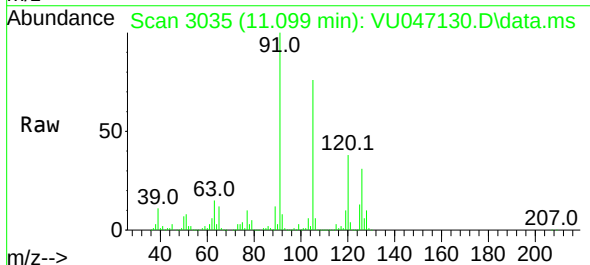
Tgt Ion:105 Resp: 132699
Ion Ratio Lower Upper
105 100
120 49.3 38.6 58.0

Manual Integrations
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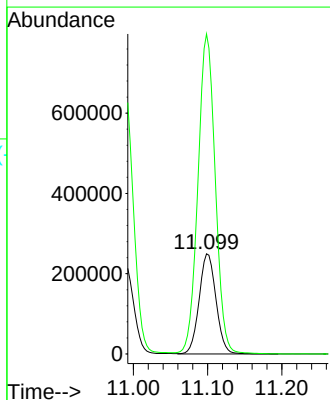
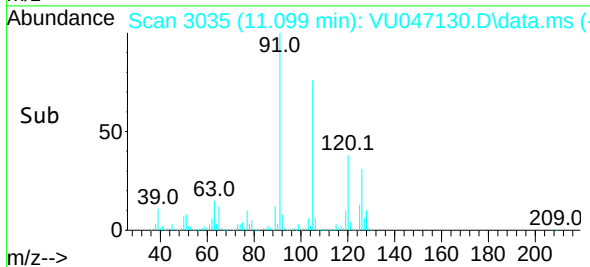
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/16/2022

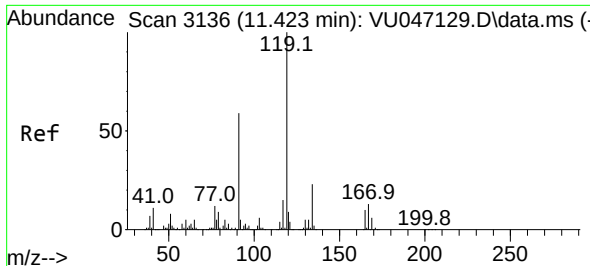


#76
4-Chlorotoluene
Concen: 22.171 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40



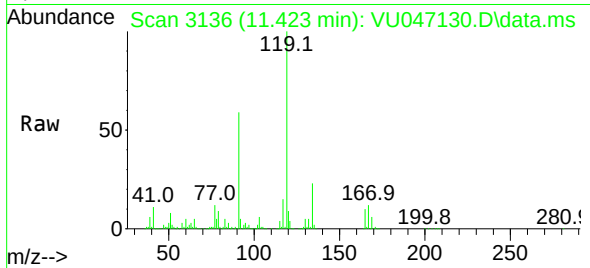
Tgt Ion:126 Resp: 394006
Ion Ratio Lower Upper
126 100
91 328.3 0.0 728.0





#77
tert-Butylbenzene
Concen: 22.620 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40

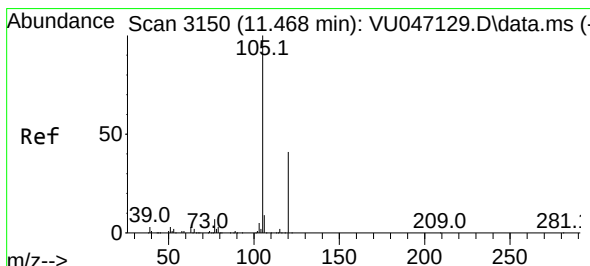
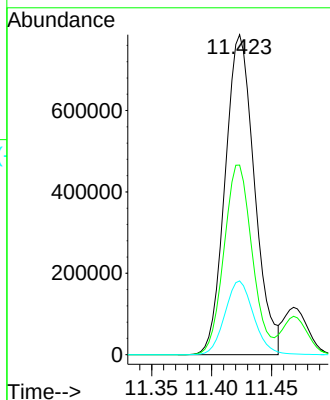
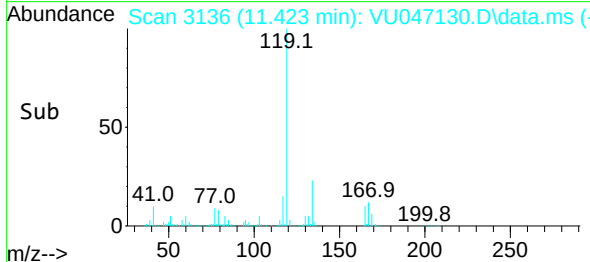
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



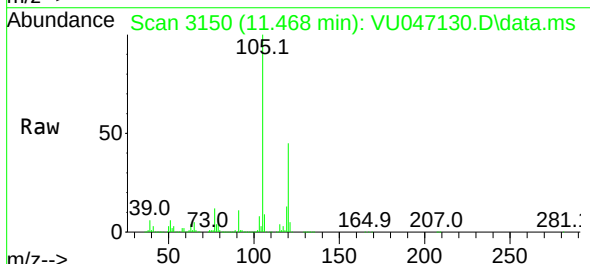
Tgt Ion:119 Resp: 1341594
Ion Ratio Lower Upper
119 100
91 57.1 31.4 94.3
134 22.6 18.5 27.7

Manual Integrations
APPROVED

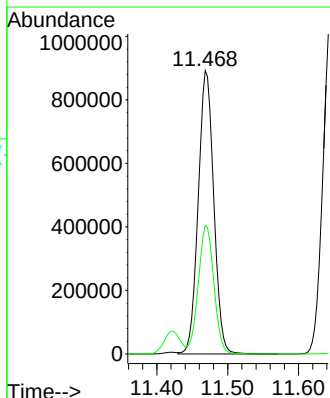
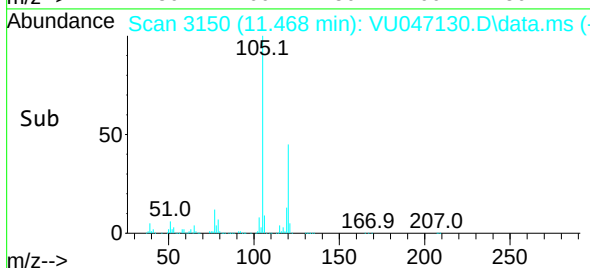
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/16/2022

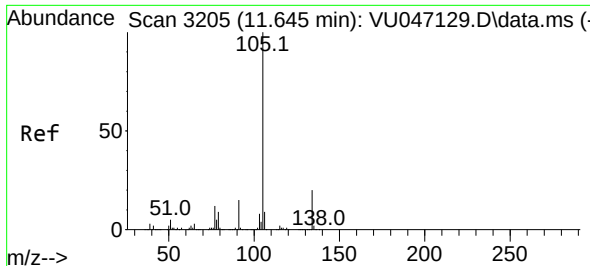


#78
1,2,4-Trimethylbenzene
Concen: 22.489 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40



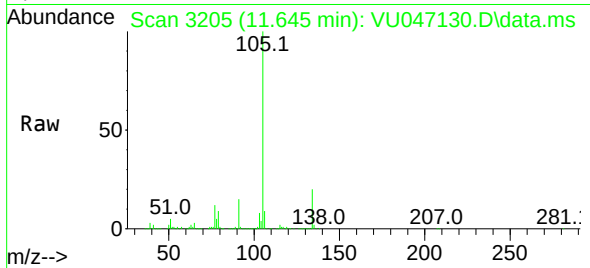
Tgt Ion:105 Resp: 1356595
Ion Ratio Lower Upper
105 100
120 45.6 22.3 66.8





#79
 sec-Butylbenzene
 Concen: 22.590 ug/l
 RT: 11.645 min Scan# 3205
 Delta R.T. 0.000 min
 Lab File: VU047130.D
 Acq: 14 Feb 2022 12:40

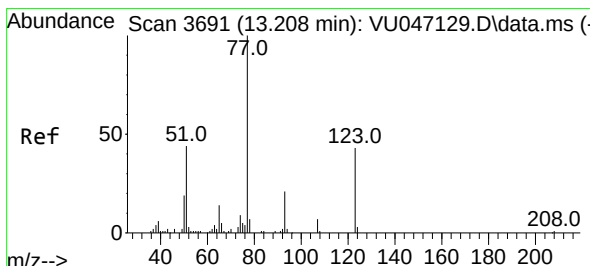
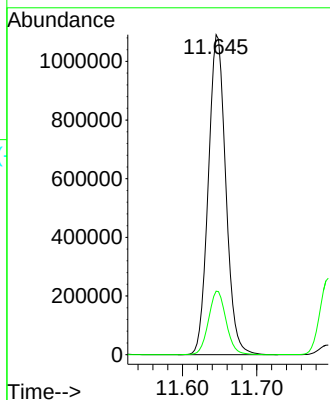
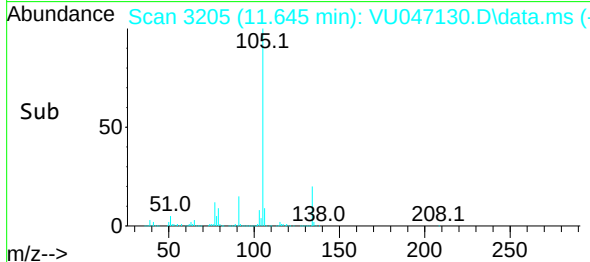
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020



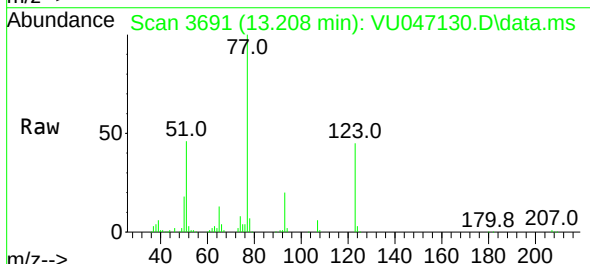
Tgt Ion:105 Resp: 177917
 Ion Ratio Lower Upper
 105 100
 134 20.1 15.4 23.0

Manual Integrations
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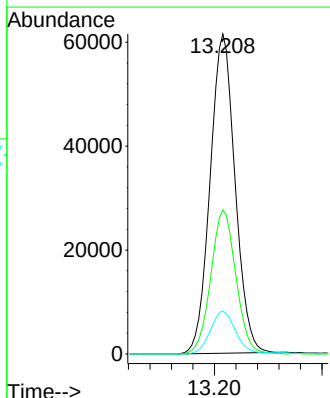
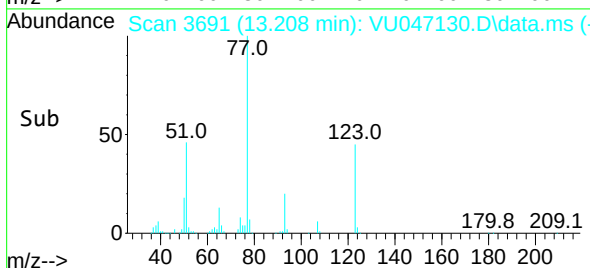
Reviewed By :John Carlone 02/15/2022
 Supervised By :Mahesh Dadoda 02/16/2022

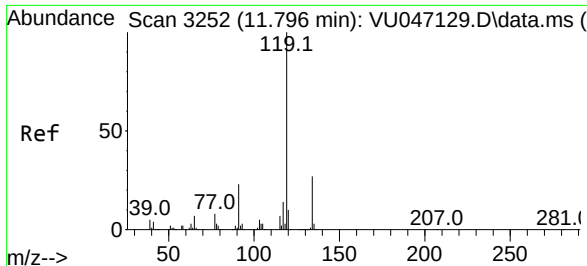


#80
 Nitrobenzene
 Concen: 129.559 ug/l
 RT: 13.208 min Scan# 3691
 Delta R.T. 0.000 min
 Lab File: VU047130.D
 Acq: 14 Feb 2022 12:40



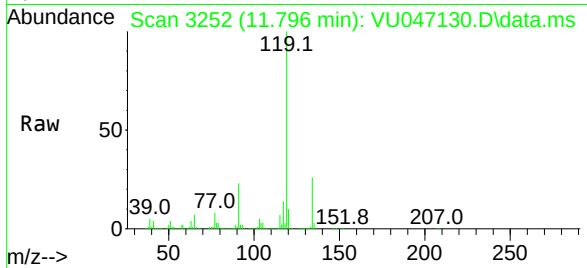
Tgt Ion: 77 Resp: 98851
 Ion Ratio Lower Upper
 77 100
 123 45.4 18.2 64.4
 65 13.2 12.0 15.2





#81
p-Isopropyltoluene
Concen: 22.645 ug/l
RT: 11.796 min Scan# 3252
Delta R.T. 0.000 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40

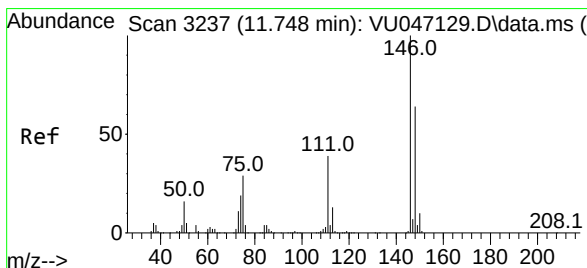
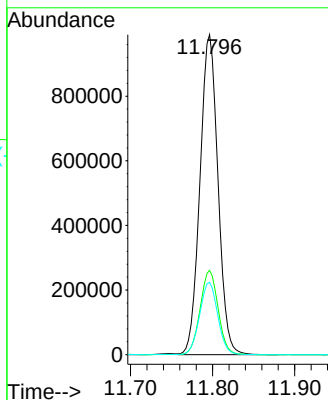
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



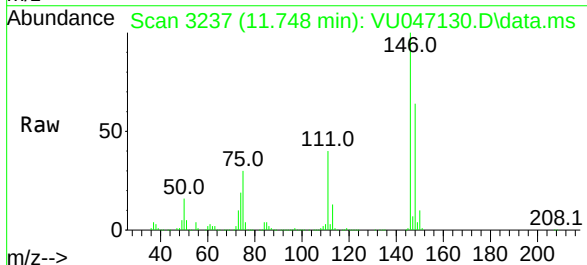
Tgt Ion:119 Resp: 1509099
Ion Ratio Lower Upper
119 100
134 26.3 20.2 30.4
91 22.8 19.9 29.9

Manual Integrations
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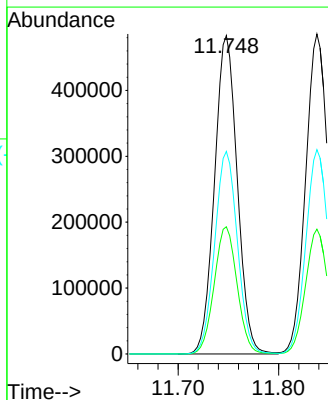
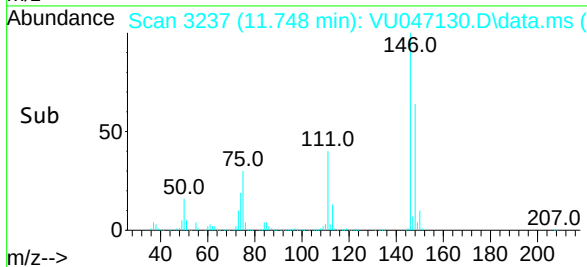
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/16/2022

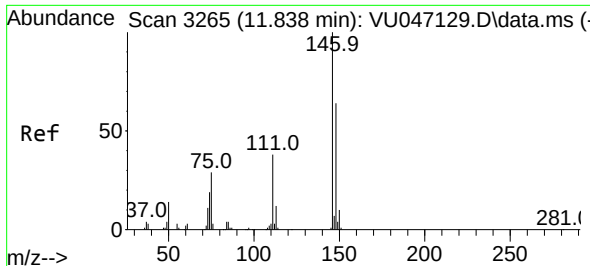


#82
1,3-Dichlorobenzene
Concen: 22.183 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40



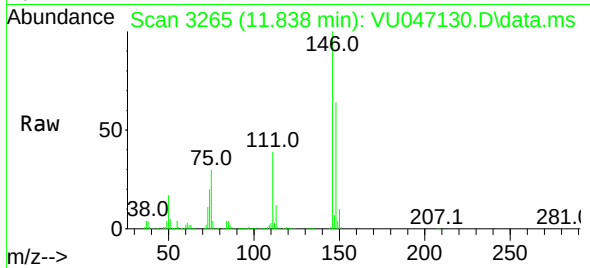
Tgt Ion:146 Resp: 760162
Ion Ratio Lower Upper
146 100
111 40.2 33.9 50.9
148 63.8 50.9 76.3





#83
1,4-Dichlorobenzene
Concen: 22.209 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40

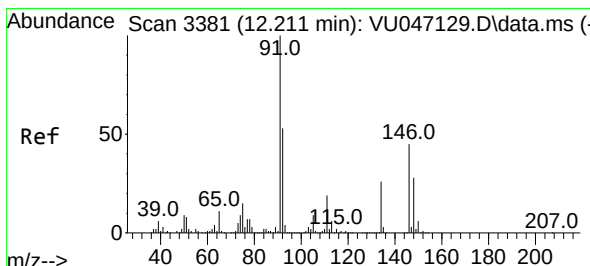
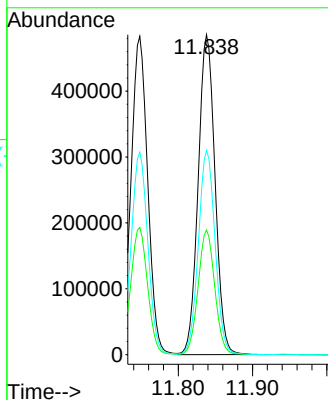
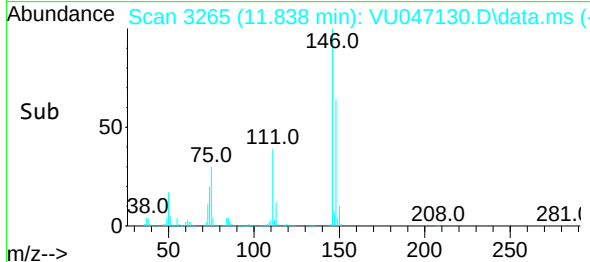
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



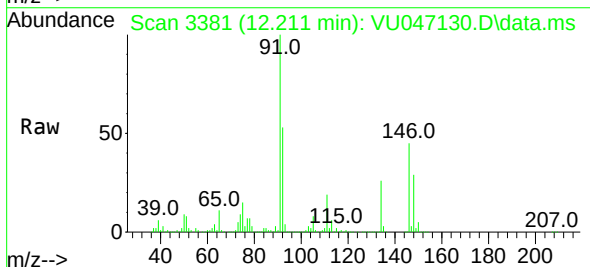
Tgt Ion:146 Resp: 766653
Ion Ratio Lower Upper
146 100
111 38.5 32.7 49.1
148 63.7 51.4 77.0

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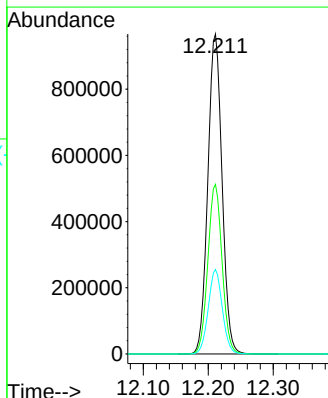
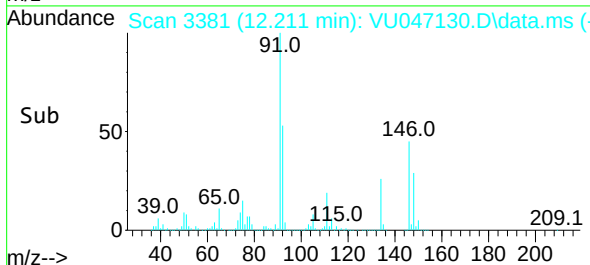
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/16/2022

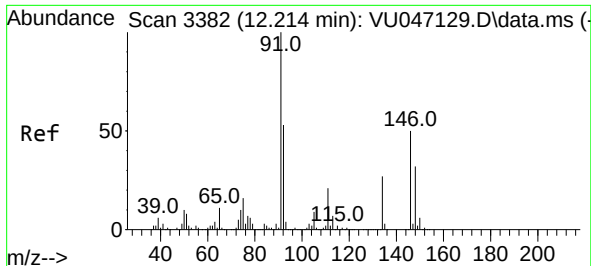


#84
n-Butylbenzene
Concen: 23.002 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40



Tgt Ion: 91 Resp: 1472034
Ion Ratio Lower Upper
91 100
92 53.0 43.5 65.3
134 26.1 19.0 28.4





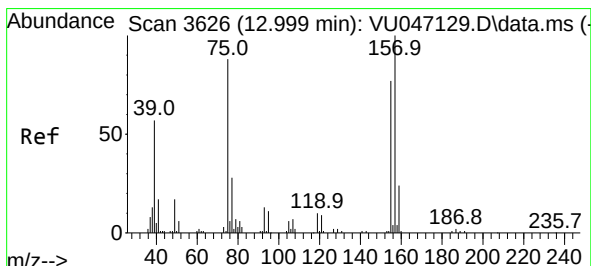
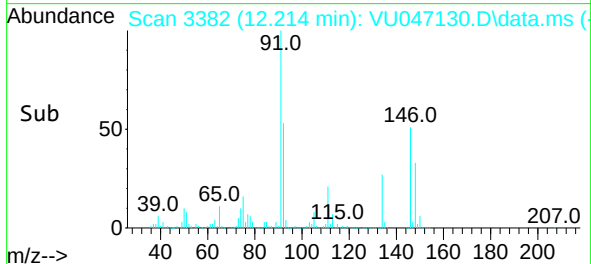
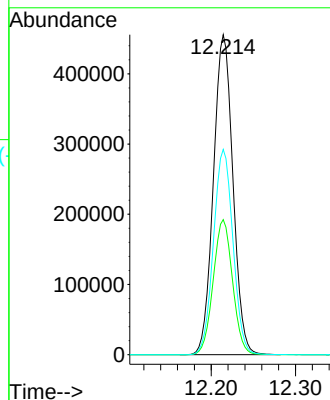
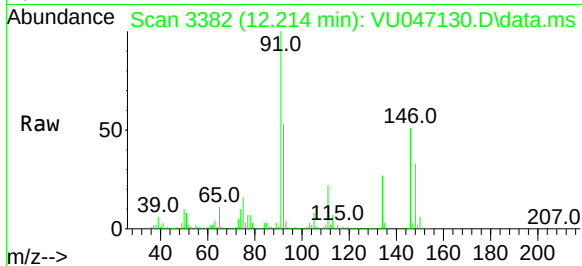
#85
1,2-Dichlorobenzene
Concen: 22.215 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 73277
Ion Ratio Lower Upper
146 100
111 41.8 22.1 66.1
148 64.2 31.6 94.7

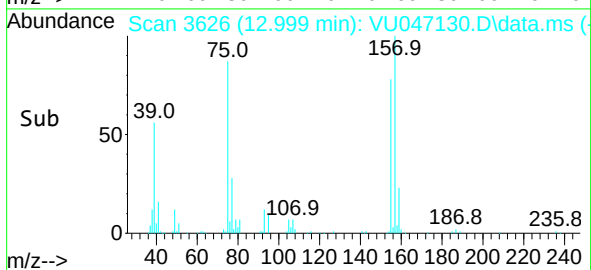
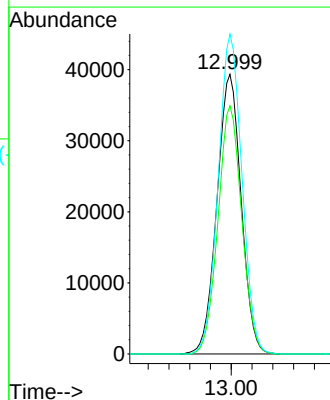
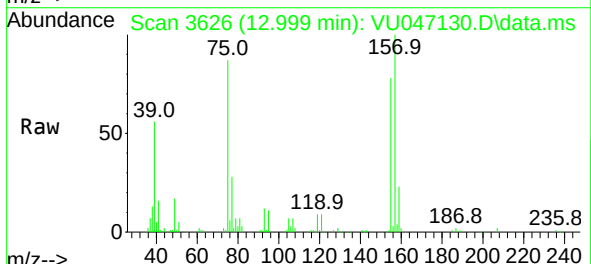
Manual Integrations
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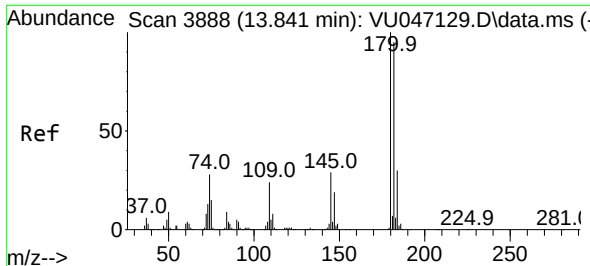
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/16/2022



#86
1,2-Dibromo-3-Chloropropane
Concen: 21.976 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40

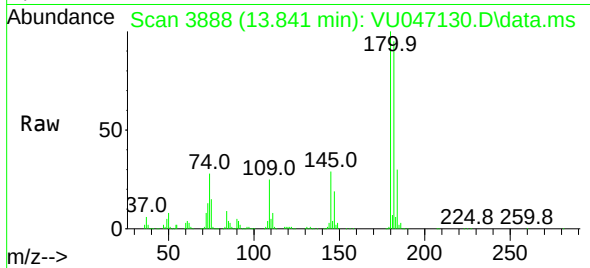
Tgt Ion: 75 Resp: 63676
Ion Ratio Lower Upper
75 100
155 87.2 57.8 86.8#
157 112.2 75.1 112.7





#87
1,2,4-Trichlorobenzene
Concen: 22.566 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40

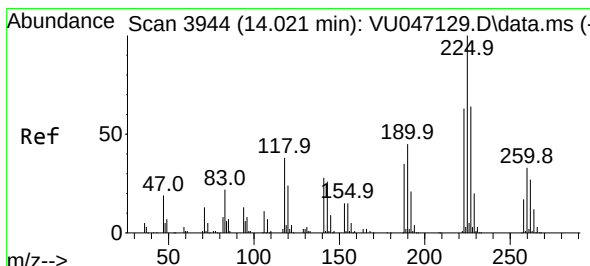
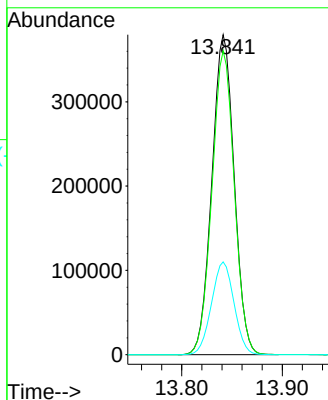
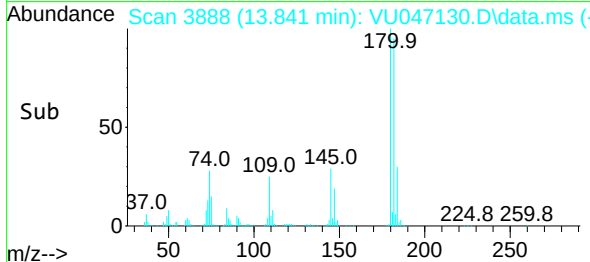
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020



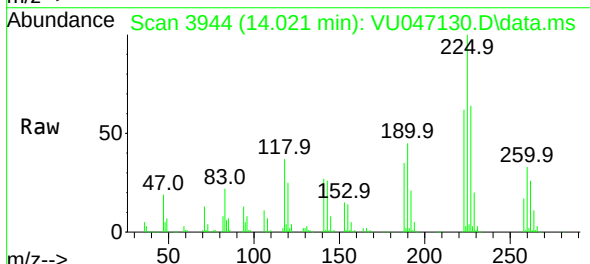
Tgt Ion:180 Resp: 58445
Ion Ratio Lower Upper
180 100
182 95.2 75.8 113.8
145 29.3 25.3 37.9

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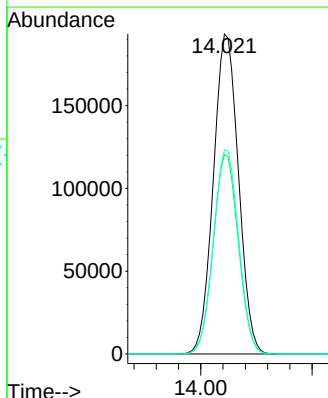
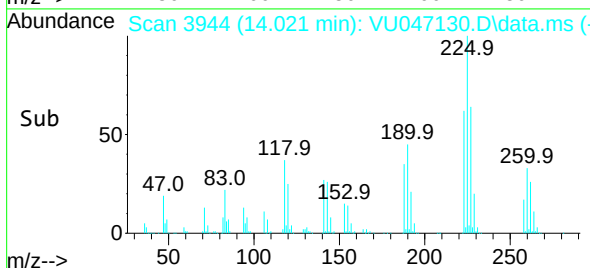
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/16/2022

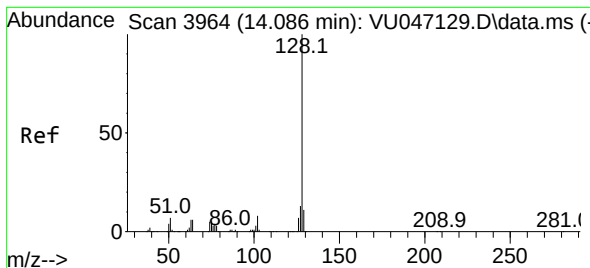


#88
Hexachlorobutadiene
Concen: 22.826 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU047130.D
Acq: 14 Feb 2022 12:40



Tgt Ion:225 Resp: 302246
Ion Ratio Lower Upper
225 100
223 62.3 51.1 76.7
227 64.1 49.9 74.9





#89

Naphthalene

Concen: 21.871 ug/l

RT: 14.086 min Scan# 3964

Delta R.T. 0.000 min

Lab File: VU047130.D

Acq: 14 Feb 2022 12:40

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

Tgt Ion:128 Resp: 116026

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

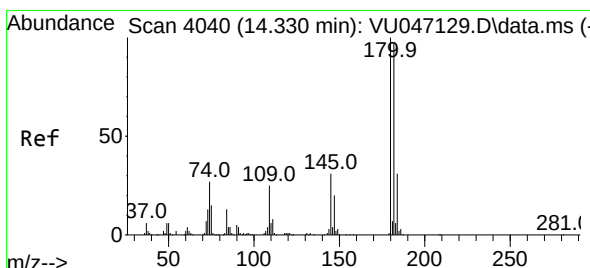
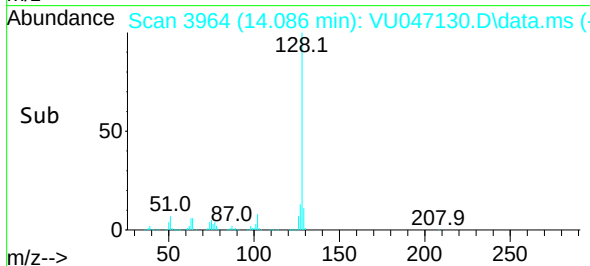
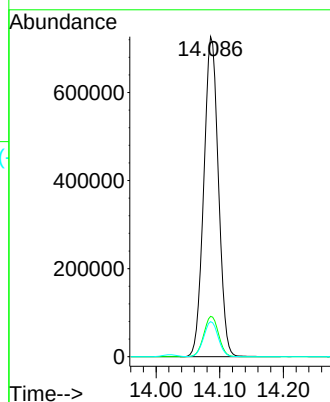
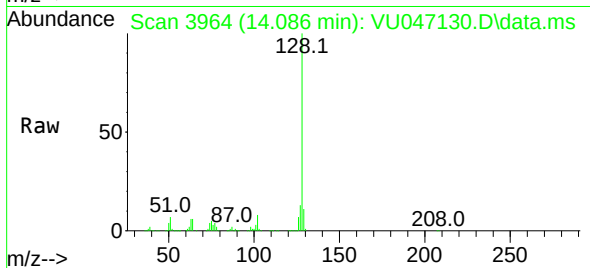
129 11.0 8.6 13.0

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Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/16/2022



#90

1,2,3-Trichlorobenzene

Concen: 22.446 ug/l

RT: 14.330 min Scan# 4040

Delta R.T. 0.000 min

Lab File: VU047130.D

Acq: 14 Feb 2022 12:40

Tgt Ion:180 Resp: 521447

Ion Ratio Lower Upper

180 100

182 96.6 75.4 113.0

145 31.2 27.0 40.4

