

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021422\
 Data File : VU047141.D
 Acq On : 14 Feb 2022 19:22
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/24/2022
 Supervised By : Mahesh Dadoda 02/24/2022

Quant Time: Feb 15 03:53:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021422DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 15 03:17:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.118	96	56053	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.635	95	22135	1.020	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	22360	0.989	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	192778	10.315	ug/l	99
3) Chloromethane	1.533	50	199480	10.392	ug/l	100
4) Vinyl Chloride	1.610	62	195339	10.309	ug/l	99
5) Bromomethane	1.864	94	127567	10.305	ug/l	99
6) Chloroethane	1.941	64	112959	10.376	ug/l	100
7) Trichlorofluoromethane	2.147	101	235380	10.539	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	133117	10.341	ug/l	95
9) 1,1-Dichloroethene	2.588	96	136015	10.266	ug/l	97
10) Iodomethane	2.732	142	126588	8.203	ug/l	100
11) Allyl Chloride	2.932	41	211729	10.252	ug/l	94
12) Acrylonitrile	3.330	53	73867	18.995	ug/l	93
13) Acetone	2.655	43	132345	56.311	ug/l	98
14) Carbon Disulfide	2.800	76	462018	10.310	ug/l	100
15) Methylene Chloride	3.054	84	149184	10.026	ug/l	99
16) trans-1,2-Dichloroethene	3.359	96	144953	10.366	ug/l	99
17) 1,1-Dichloroethane	3.877	63	260327	10.161	ug/l	98
18) 2-Butanone	4.726	43	218241	55.707	ug/l	100
19) Cyclohexane	5.391	56	243160m	10.244	ug/l	
20) Methylcyclohexane	6.767	83	269053	10.284	ug/l	96
21) 2,2-Dichloropropane	4.671	77	235192	10.272	ug/l	97
22) cis-1,2-Dichloroethene	4.674	96	160835	10.001	ug/l	96
23) Diethyl Ether	2.382	59	109851	10.259	ug/l	98
24) tert-Butyl Alcohol	3.260	59	31385	45.067	ug/l #	1
25) Methyl tert-Butyl Ether	3.372	73	382012	10.282	ug/l	99
26) Bromochloromethane	4.983	128	76027	10.513	ug/l	91
27) Chloroform	5.095	83	263600	10.140	ug/l	100
28) 1,1,1-Trichloroethane	5.321	97	230085	10.223	ug/l	98
29) 1,1-Dichloropropene	5.530	75	211889	10.285	ug/l	98
30) Carbon Tetrachloride	5.530	117	205293	10.375	ug/l	100
31) Isopropyl Ether	4.002	45	424167	10.351	ug/l	97
32) Ethyl-t-butyl ether	4.510	59	434359	10.428	ug/l	98
33) Tert-Amyl methyl ether	5.948	73	398330	10.382	ug/l	98
34) Propionitrile	4.803	54	62986	54.181	ug/l #	1
35) Benzene	5.777	78	597819	10.355	ug/l	100
36) 1,2-Dichloroethane	5.800	62	181902	10.406	ug/l	100
37) Trichloroethene	6.546	130	165583	10.359	ug/l	94
38) 1,2-Dichloropropane	6.796	63	158861	10.398	ug/l	99
39) Methacrylonitrile	4.983	41	54241	10.301	ug/l	98
40) Methyl acrylate	4.854	55	100545	11.296	ug/l	98
41) Tetrahydrofuran	5.073	42	53724	20.028	ug/l	99
42) 1-Chlorobutane	5.462	56	281503	10.176	ug/l	97
43) Dibromomethane	6.922	93	85824	10.416	ug/l	93
44) Bromodichloromethane	7.108	83	201184	10.324	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021422\
 Data File : VU047141.D
 Acq On : 14 Feb 2022 19:22
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

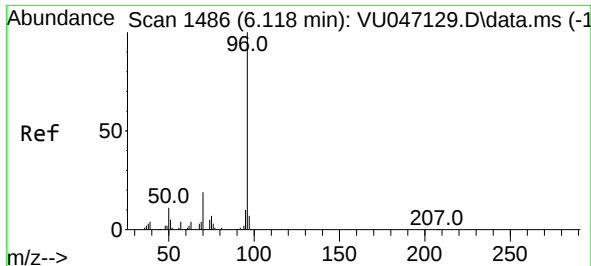
Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/24/2022
 Supervised By : Mahesh Dadoda 02/24/2022

Quant Time: Feb 15 03:53:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021422DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 15 03:17:28 2022
 Response via : Initial Calibration

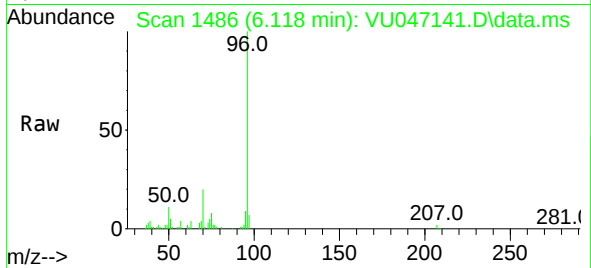
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	563995	50.610	ug/l	99
46) t-1,4-Dichloro-2-butene	10.838	75	91854m	18.935	ug/l	
47) Methyl methacrylate	6.964	69	179388	20.760	ug/l	93
48) Ethyl methacrylate	8.336	69	181299	10.350	ug/l	96
49) Toluene	7.973	92	391899	10.523	ug/l	99
50) t-1,3-Dichloropropene	8.214	75	220676	10.462	ug/l	99
51) cis-1,3-Dichloropropene	7.610	75	246446	10.422	ug/l	97
52) 1,1,2-Trichloroethane	8.404	97	120031	10.210	ug/l	97
53) 1,3-Dichloropropane	8.578	76	213889	10.183	ug/l	99
54) 2-Hexanone	8.687	43	404977	48.779	ug/l	99
55) Dibromochloromethane	8.812	129	148484	10.389	ug/l	98
56) 1,2-Dibromoethane	8.925	107	120278	10.124	ug/l	98
58) Tetrachloroethene	8.555	164	151463	10.269	ug/l	98
59) Chlorobenzene	9.449	112	433008	10.428	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.536	131	153057	10.724	ug/l	99
61) Pentachloroethane	11.430	117	117069	10.806	ug/l	85
62) Hexachloroethane	12.478	117	125036	10.689	ug/l #	81
63) Ethyl Benzene	9.571	91	760438	10.418	ug/l	98
64) m/p-Xylenes	9.697	106	590444	21.221	ug/l	96
65) o-Xylene	10.102	106	286783	10.640	ug/l	96
66) Styrene	10.115	104	487888	10.665	ug/l	97
67) Bromoform	10.291	173	95094	10.499	ug/l #	98
69) Isopropylbenzene	10.488	105	765029	10.554	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.783	83	162450	10.221	ug/l	98
71) 1,2,3-Trichloropropane	10.838	75	141427m	10.543	ug/l	
72) Bromobenzene	10.783	156	185499	10.478	ug/l	88
73) n-propylbenzene	10.909	120	213702	10.709	ug/l	88
74) 2-Chlorotoluene	10.989	126	181024	10.641	ug/l	88
75) 1,3,5-Trimethylbenzene	11.089	105	629654	10.592	ug/l	98
76) 4-Chlorotoluene	11.098	126	190591	10.663	ug/l	83
77) tert-Butylbenzene	11.423	119	637608	10.689	ug/l	93
78) 1,2,4-Trimethylbenzene	11.468	105	643901	10.613	ug/l	98
79) sec-Butylbenzene	11.645	105	850953	10.743	ug/l	98
80) Nitrobenzene	13.208	77	34757	45.295	ug/l #	97
81) p-Isopropyltoluene	11.793	119	718345	10.718	ug/l	97
82) 1,3-Dichlorobenzene	11.748	146	359925	10.444	ug/l	98
83) 1,4-Dichlorobenzene	11.838	146	358727	10.333	ug/l	98
84) n-Butylbenzene	12.208	91	685767	10.655	ug/l	97
85) 1,2-Dichlorobenzene	12.214	146	340100	10.252	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.995	75	29044	9.966	ug/l	83
87) 1,2,4-Trichlorobenzene	13.841	180	268370	10.303	ug/l	98
88) Hexachlorobutadiene	14.024	225	139417	10.469	ug/l	99
89) Naphthalene	14.085	128	564915	10.588	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	259300	11.098	ug/l	98

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

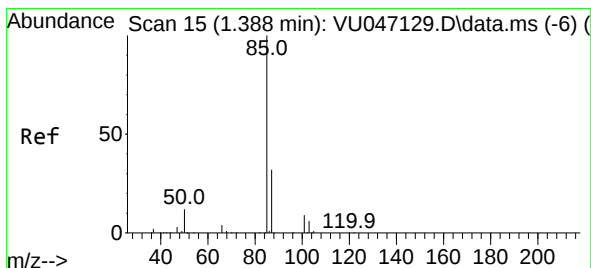
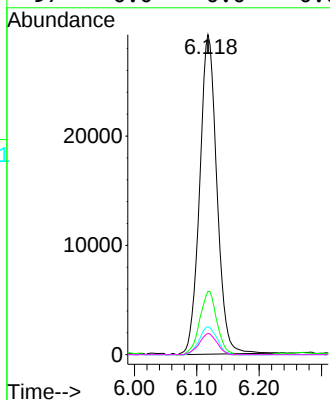
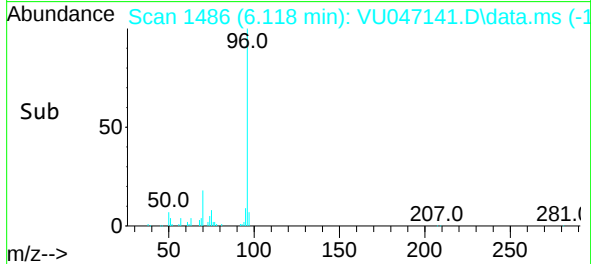
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 96 Resp: 5605
Ion Ratio Lower Upper
96 100
70 19.6 16.8 25.2
95 9.0 7.3 10.9
97 0.0 0.0 0.0

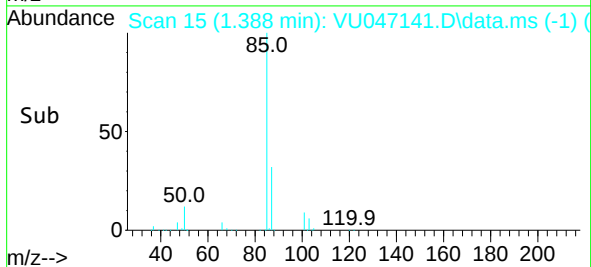
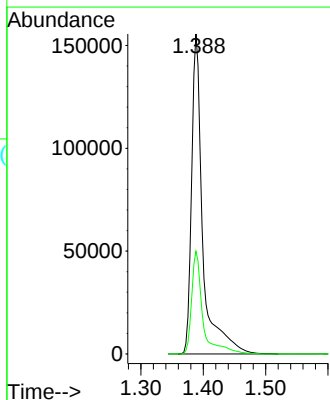
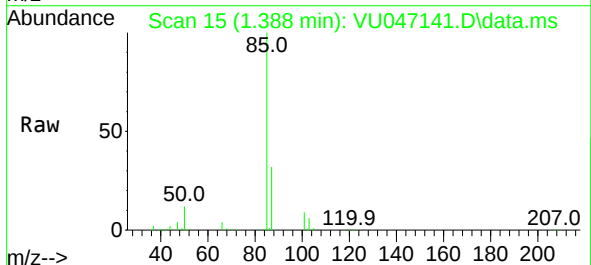
Manual Integrations
APPROVED

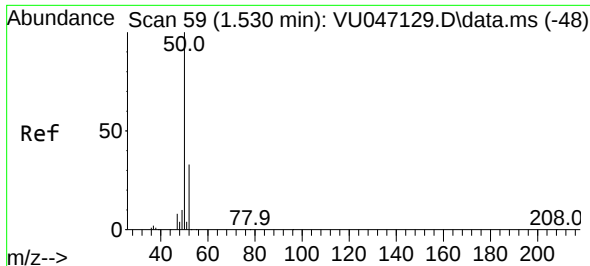
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#2
Dichlorodifluoromethane
Concen: 10.315 ug/l
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

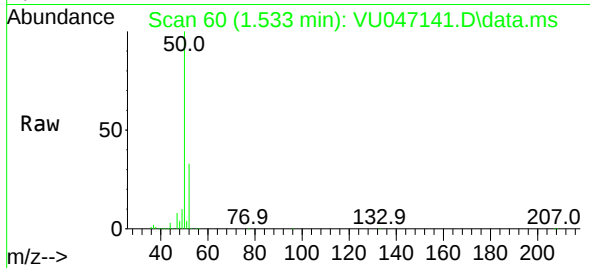
Tgt Ion: 85 Resp: 192778
Ion Ratio Lower Upper
85 100
87 32.1 16.2 48.6





#3
Chloromethane
Concen: 10.392 ug/l
RT: 1.533 min Scan# 60
Delta R.T. 0.003 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

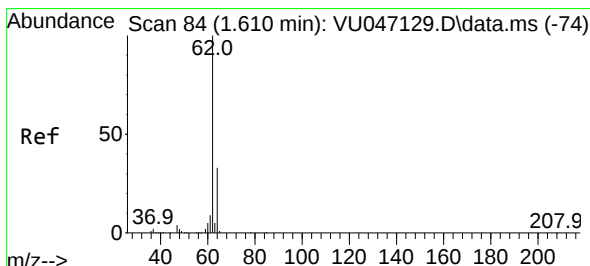
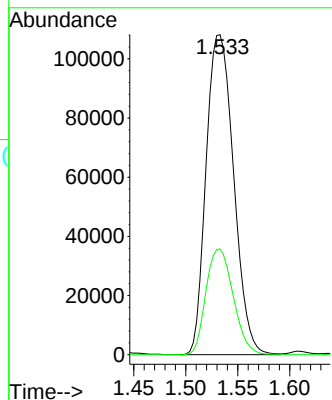
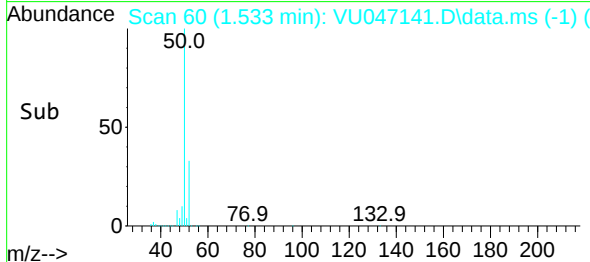
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 50 Resp: 199480
Ion Ratio Lower Upper
50 100
52 33.0 26.2 39.4

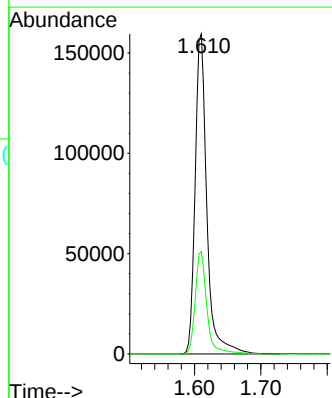
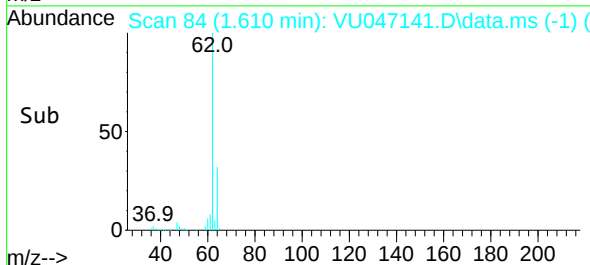
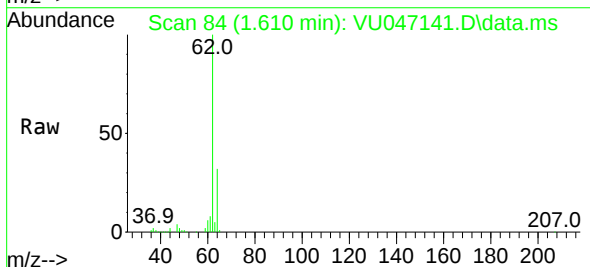
Manual Integrations
APPROVED

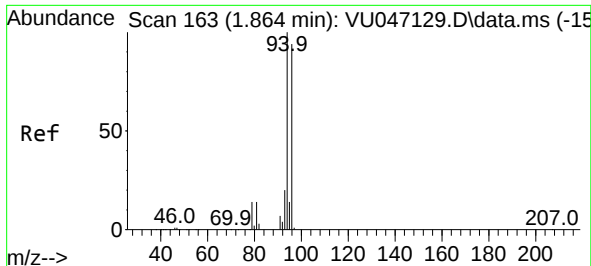
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#4
Vinyl Chloride
Concen: 10.309 ug/l
RT: 1.610 min Scan# 84
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

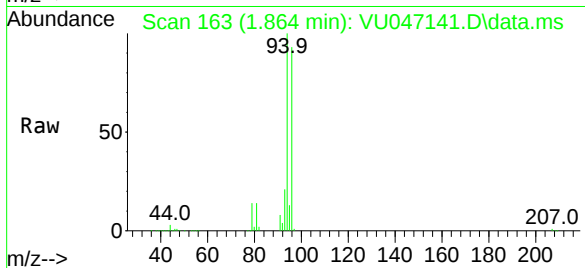
Tgt Ion: 62 Resp: 195339
Ion Ratio Lower Upper
62 100
64 32.0 26.0 39.0





#5
Bromomethane
Concen: 10.305 ug/l
RT: 1.864 min Scan# 163
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

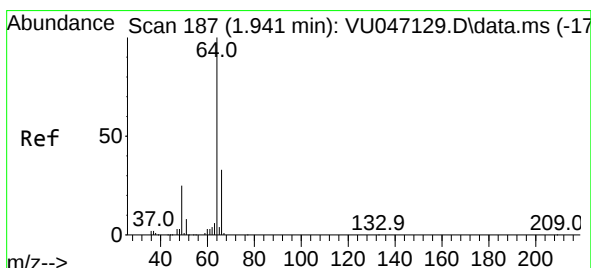
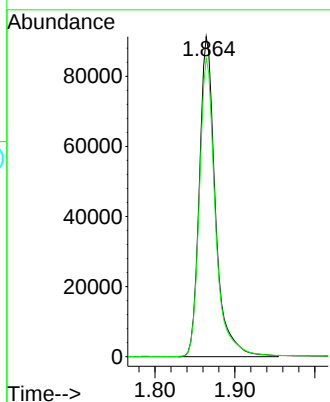
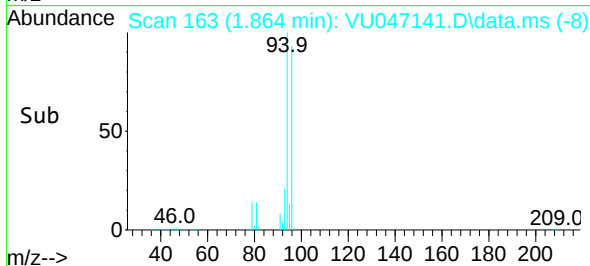
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 94 Resp: 12756
Ion Ratio Lower Upper
94 100
96 93.2 75.0 112.4

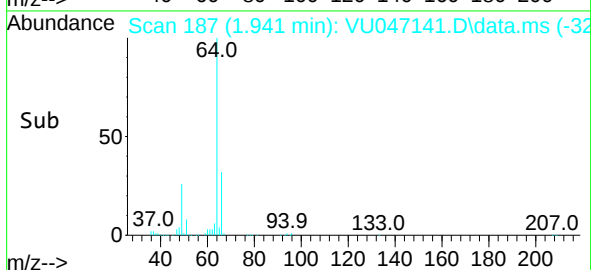
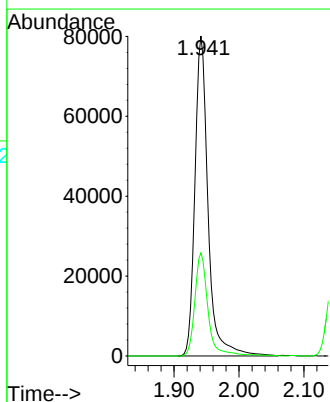
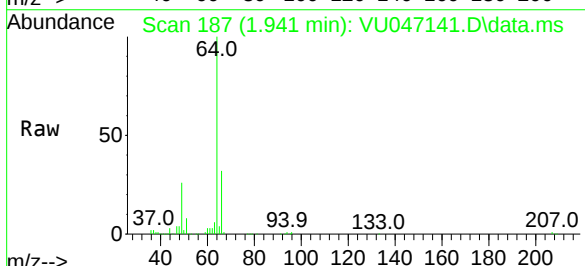
Manual Integrations
APPROVED

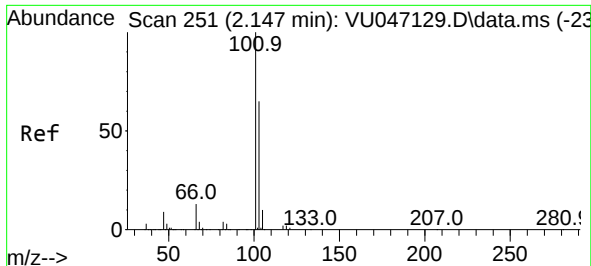
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#6
Chloroethane
Concen: 10.376 ug/l
RT: 1.941 min Scan# 187
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

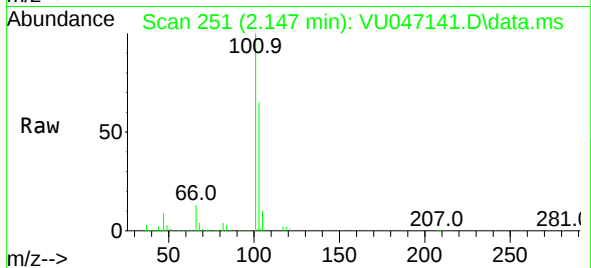
Tgt Ion: 64 Resp: 112959
Ion Ratio Lower Upper
64 100
66 32.2 25.8 38.8





#7
 Trichlorofluoromethane
 Concen: 10.539 ug/l
 RT: 2.147 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU047141.D
 Acq: 14 Feb 2022 19:22

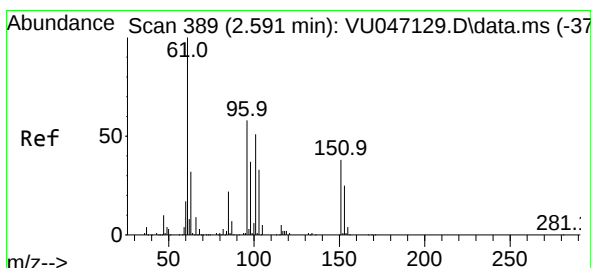
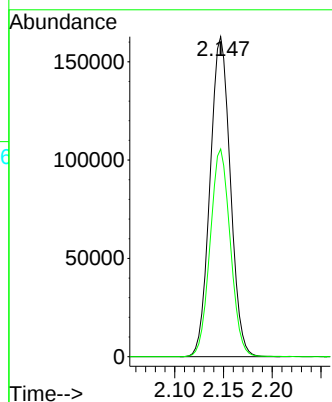
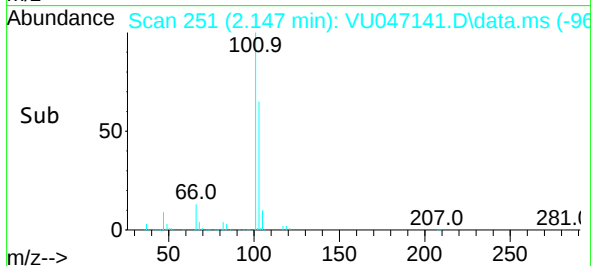
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC



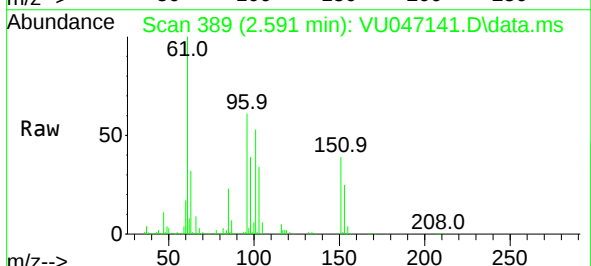
Tgt Ion:101 Resp: 235380
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.2 78.2

Manual Integrations
 APPROVED

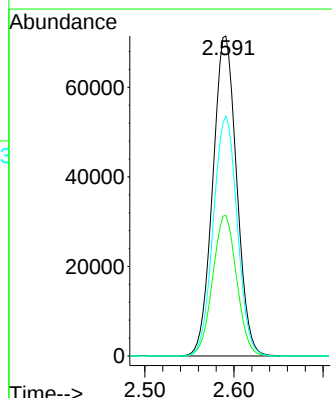
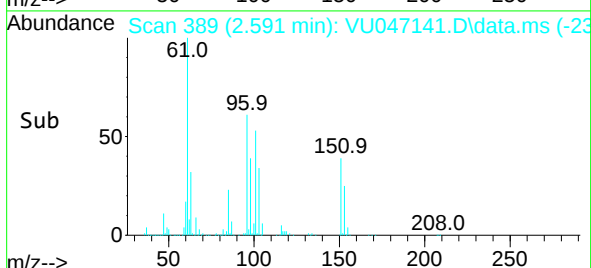
Reviewed By :John Carlone 02/24/2022
 Supervised By :Mahesh Dadoda 02/24/2022

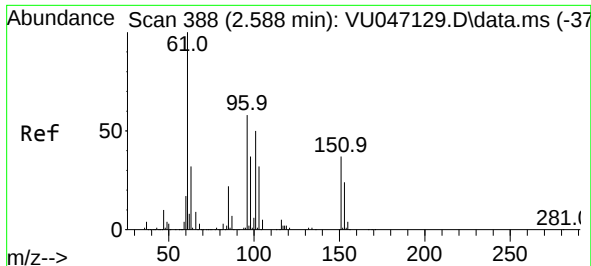


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.341 ug/l
 RT: 2.591 min Scan# 389
 Delta R.T. -0.000 min
 Lab File: VU047141.D
 Acq: 14 Feb 2022 19:22



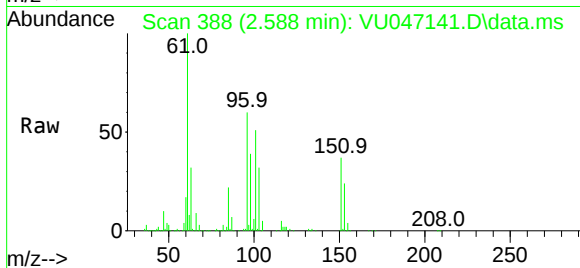
Tgt Ion:101 Resp: 133117
 Ion Ratio Lower Upper
 101 100
 85 44.2 35.8 53.6
 151 75.1 54.6 81.8





#9
1,1-Dichloroethene
Concen: 10.266 ug/l
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

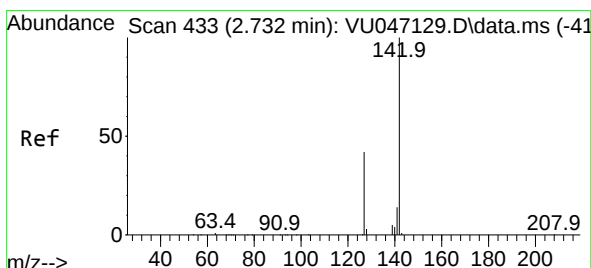
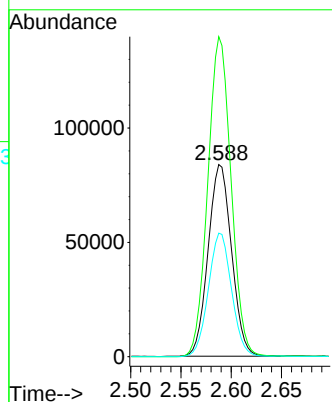
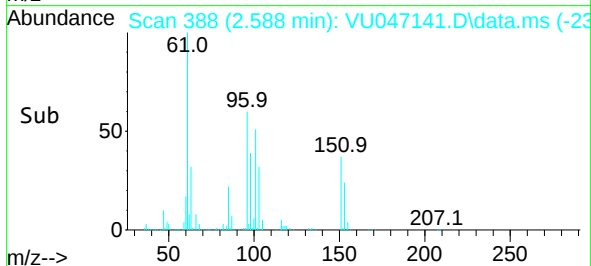
Instrument : MSVOA_U
ClientSampleId : VSTDCCC010EC



Tgt Ion: 96 Resp: 136015
Ion Ratio Lower Upper
96 100
61 166.7 0.0 514.2
98 64.4 0.0 126.4

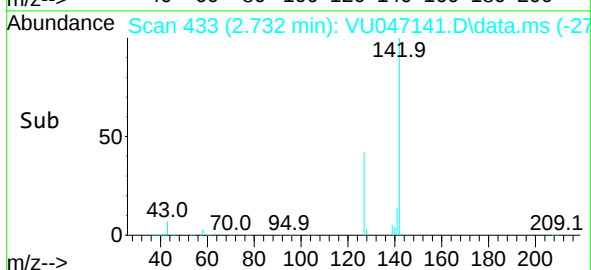
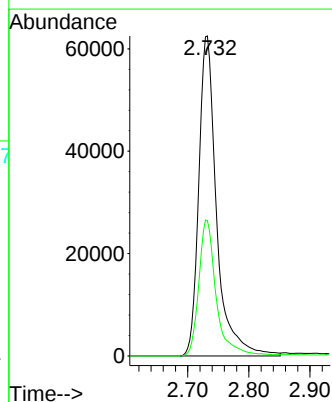
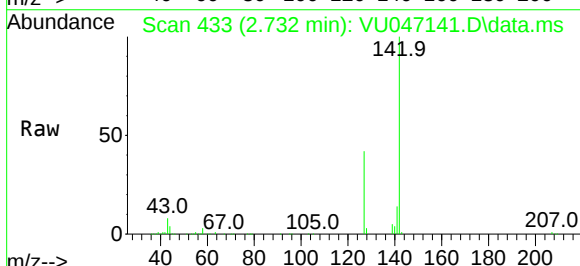
Manual Integrations
APPROVED

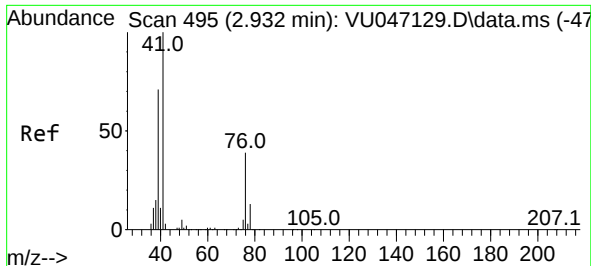
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#10
Iodomethane
Concen: 8.203 ug/l
RT: 2.732 min Scan# 433
Delta R.T. 0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

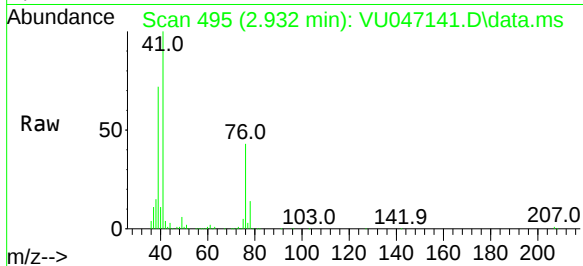
Tgt Ion:142 Resp: 126588
Ion Ratio Lower Upper
142 100
127 41.7 33.2 49.8





#11
 Allyl Chloride
 Concen: 10.252 ug/l
 RT: 2.932 min Scan# 495
 Delta R.T. -0.000 min
 Lab File: VU047141.D
 Acq: 14 Feb 2022 19:22

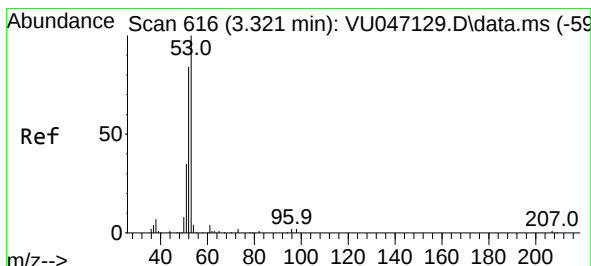
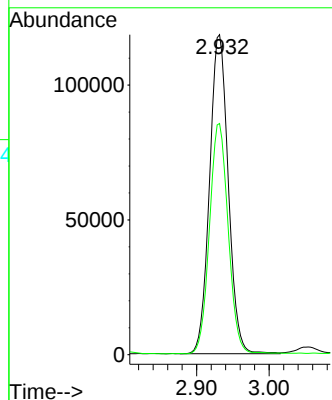
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 41 Resp: 211729
 Ion Ratio Lower Upper
 41 100
 39 72.5 62.4 93.6

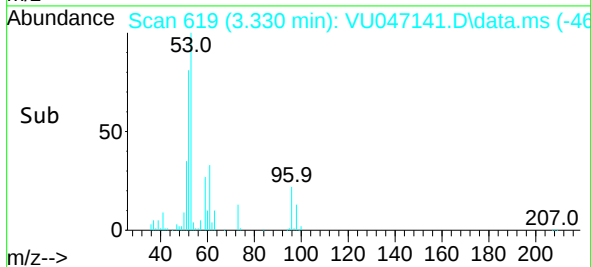
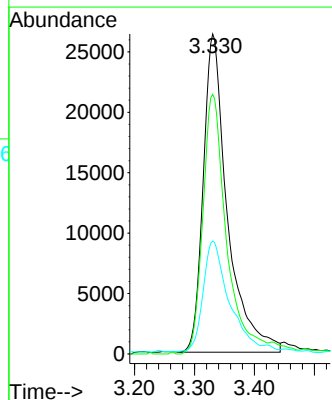
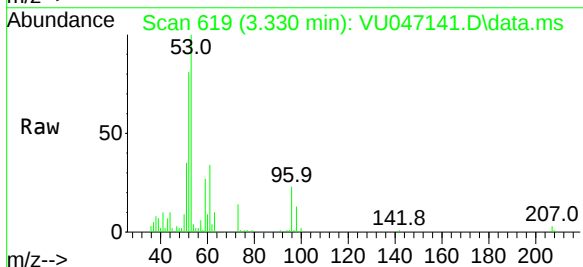
Manual Integrations
 APPROVED

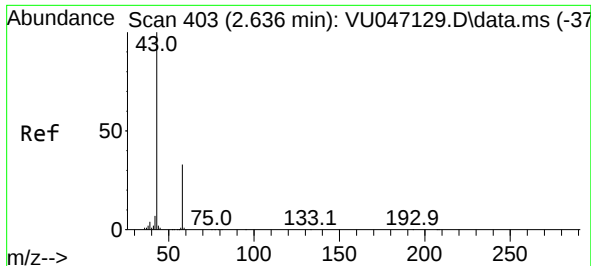
Reviewed By :John Carlone 02/24/2022
 Supervised By :Mahesh Dadoda 02/24/2022



#12
 Acrylonitrile
 Concen: 18.995 ug/l
 RT: 3.330 min Scan# 619
 Delta R.T. 0.010 min
 Lab File: VU047141.D
 Acq: 14 Feb 2022 19:22

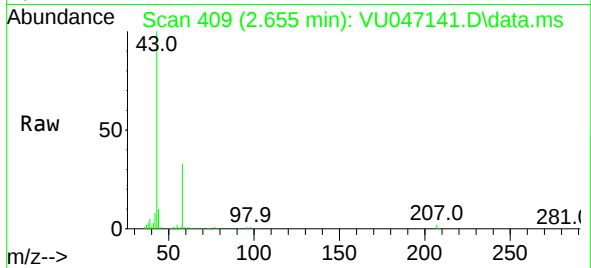
Tgt Ion: 53 Resp: 73867
 Ion Ratio Lower Upper
 53 100
 52 79.3 56.7 85.1
 51 36.7 30.3 45.5





#13
Acetone
Concen: 56.311 ug/l
RT: 2.655 min Scan# 409
Delta R.T. 0.019 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

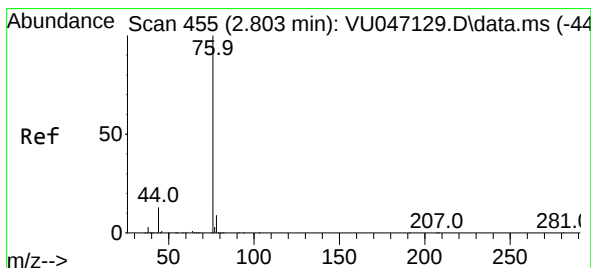
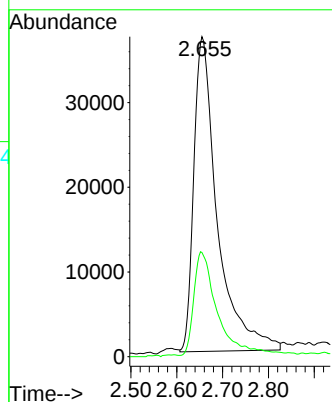
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



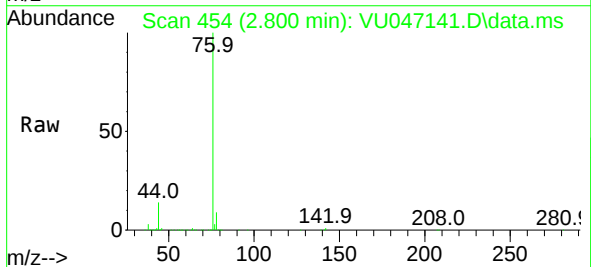
Tgt Ion: 43 Resp: 132345
Ion Ratio Lower Upper
43 100
58 32.8 27.1 40.7

Manual Integrations
APPROVED

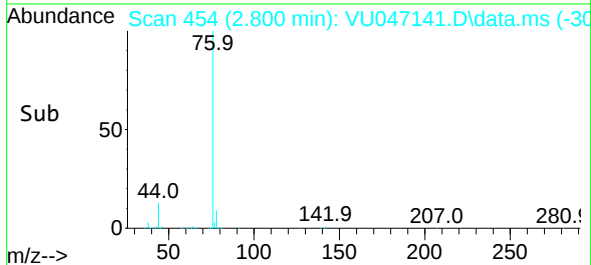
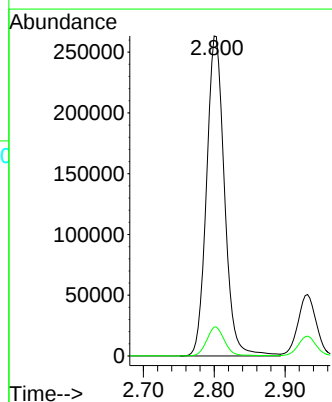
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

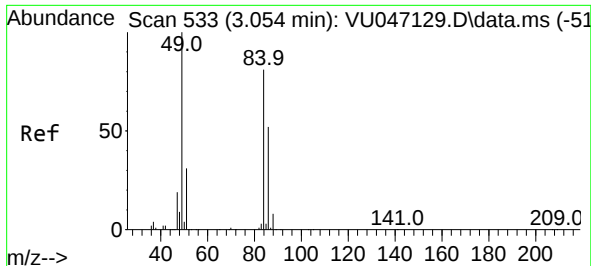


#14
Carbon Disulfide
Concen: 10.310 ug/l
RT: 2.800 min Scan# 454
Delta R.T. -0.003 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22



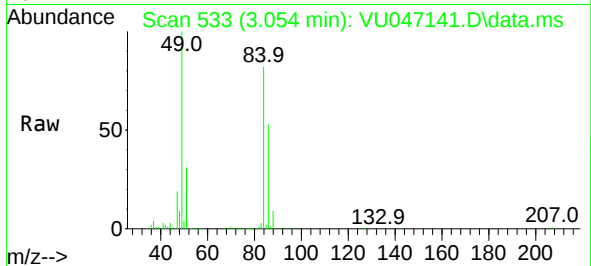
Tgt Ion: 76 Resp: 462018
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7





#15
Methylene Chloride
Concen: 10.026 ug/l
RT: 3.054 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

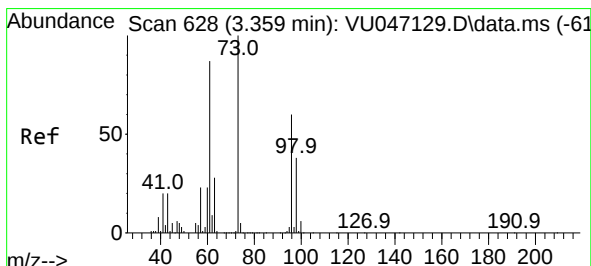
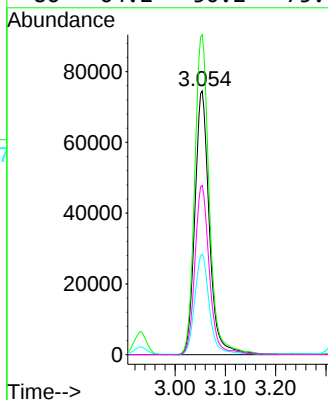
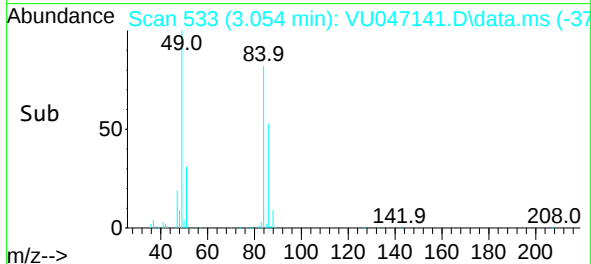
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



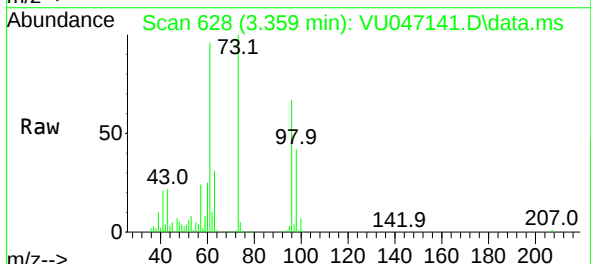
Tgt Ion: 84 Resp: 149184
Ion Ratio Lower Upper
84 100
49 121.4 97.2 145.8
51 38.0 0.0 73.4
86 64.2 50.2 75.4

Manual Integrations
APPROVED

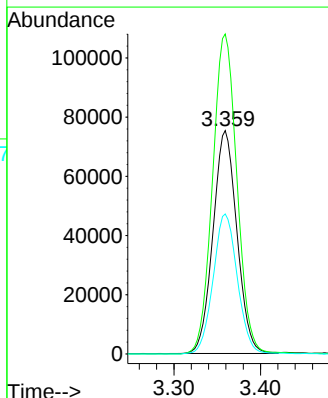
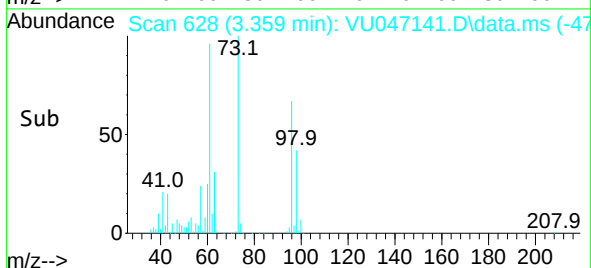
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

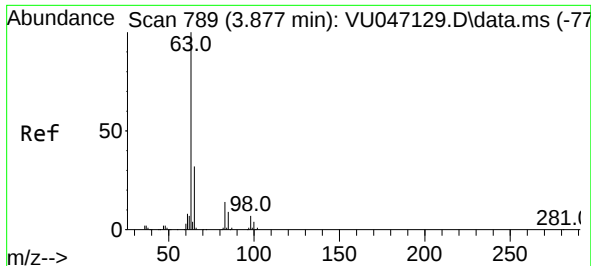


#16
trans-1,2-Dichloroethene
Concen: 10.366 ug/l
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22



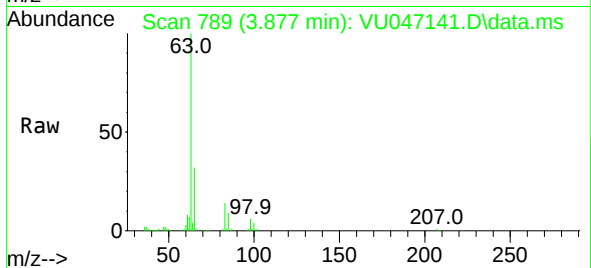
Tgt Ion: 96 Resp: 144953
Ion Ratio Lower Upper
96 100
61 143.6 115.8 173.6
98 62.8 51.1 76.7





#17
1,1-Dichloroethane
Concen: 10.161 ug/l
RT: 3.877 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

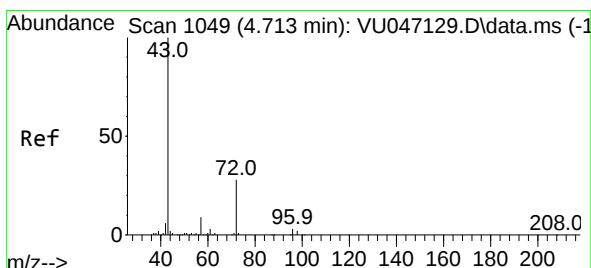
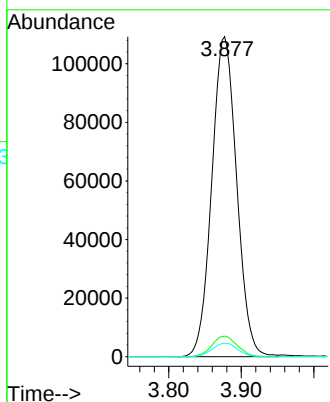
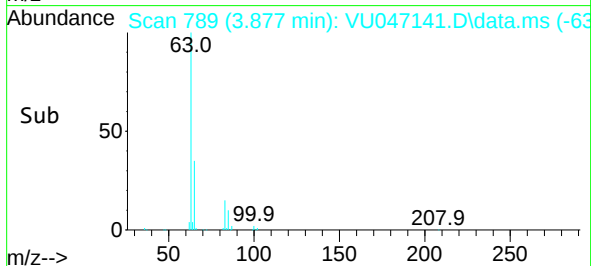
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



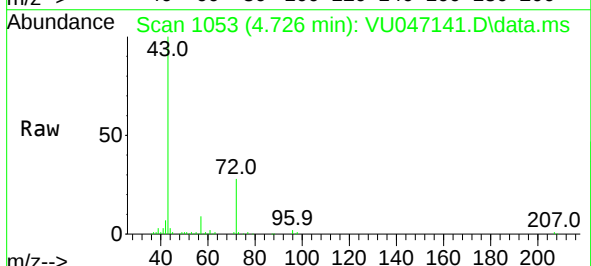
Tgt Ion: 63 Resp: 26032
Ion Ratio Lower Upper
63 100
98 6.4 3.6 10.8
100 4.2 2.1 6.5

Manual Integrations
APPROVED

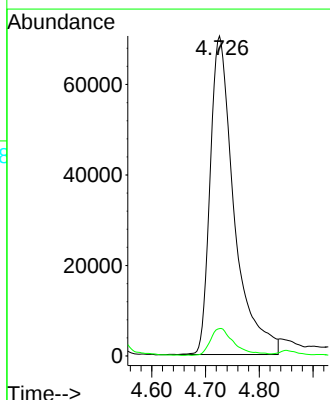
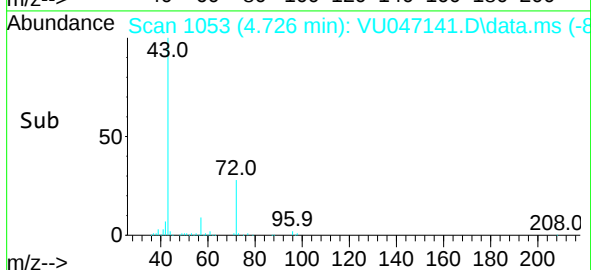
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

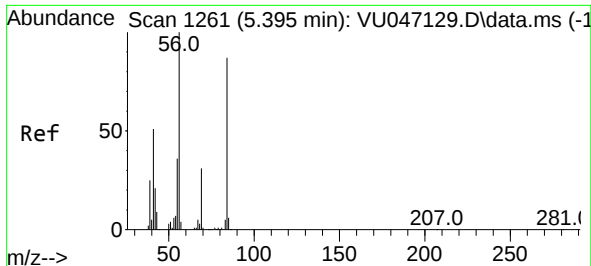


#18
2-Butanone
Concen: 55.707 ug/l
RT: 4.726 min Scan# 1053
Delta R.T. 0.013 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22



Tgt Ion: 43 Resp: 218241
Ion Ratio Lower Upper
43 100
57 8.3 0.0 16.6





#19

Cyclohexane

Concen: 10.244 ug/l m

RT: 5.391 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU047141.D

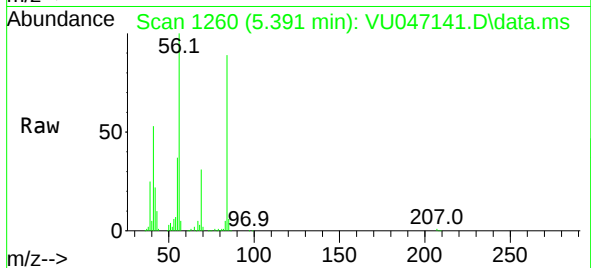
Acq: 14 Feb 2022 19:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 56 Resp: 243160

Ion Ratio Lower Upper

56 100

69 31.1 24.7 37.1

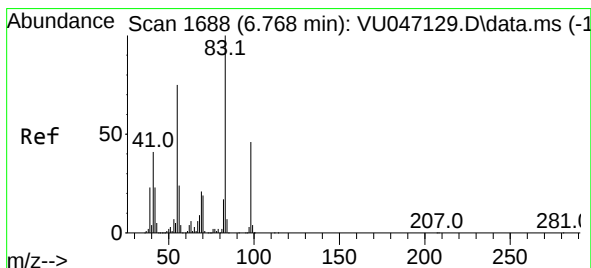
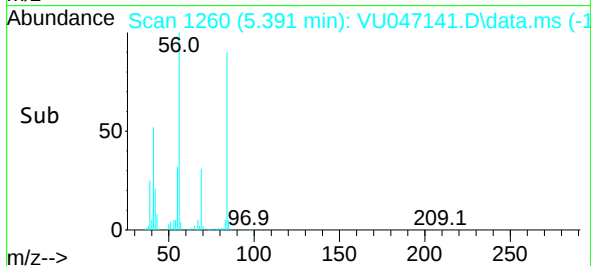
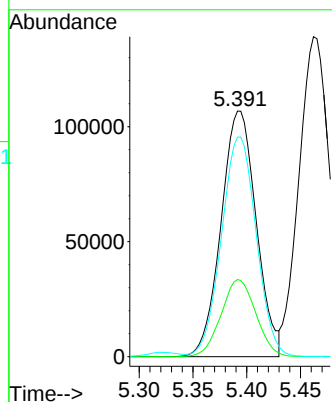
84 87.1 68.8 103.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#20

Methylcyclohexane

Concen: 10.284 ug/l

RT: 6.767 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VU047141.D

Acq: 14 Feb 2022 19:22

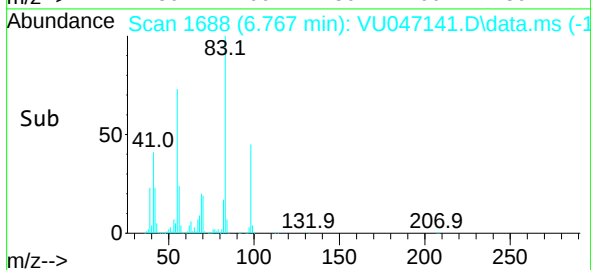
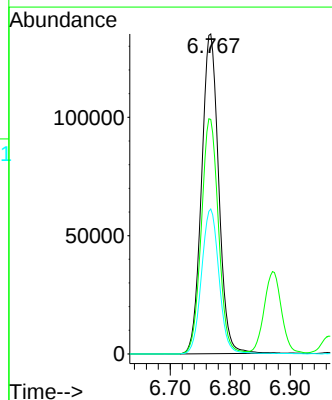
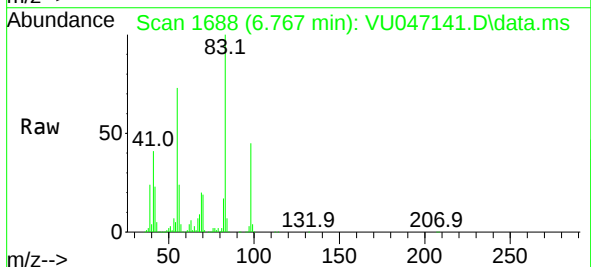
Tgt Ion: 83 Resp: 269053

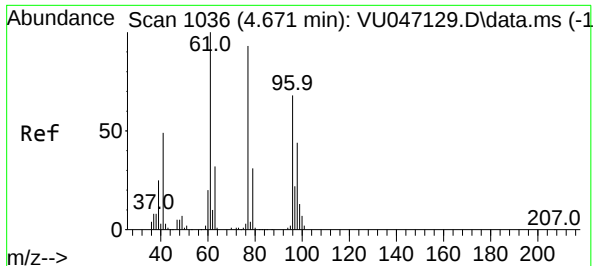
Ion Ratio Lower Upper

83 100

55 72.5 61.9 92.9

98 46.0 37.4 56.2





#21

2,2-Dichloropropane

Concen: 10.272 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU047141.D

Acq: 14 Feb 2022 19:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 77 Resp: 23519

Ion Ratio Lower Upper

77 100

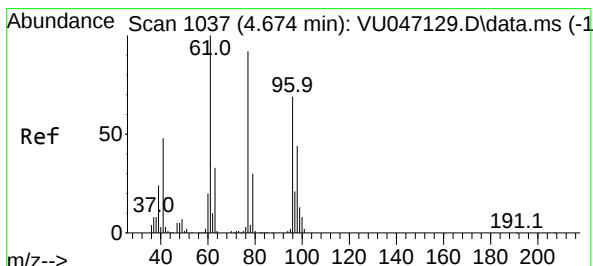
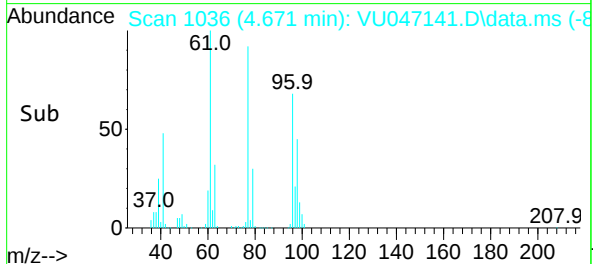
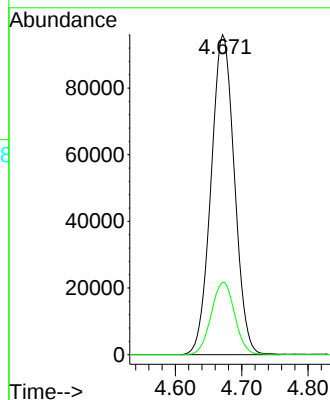
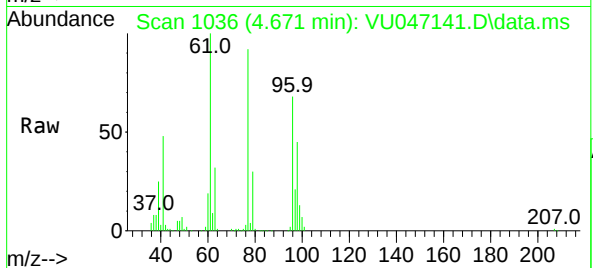
97 22.8 17.2 25.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#22

cis-1,2-Dichloroethene

Concen: 10.001 ug/l

RT: 4.674 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VU047141.D

Acq: 14 Feb 2022 19:22

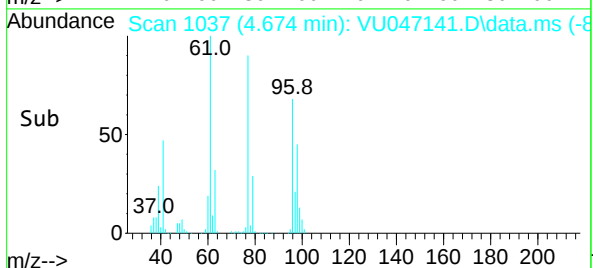
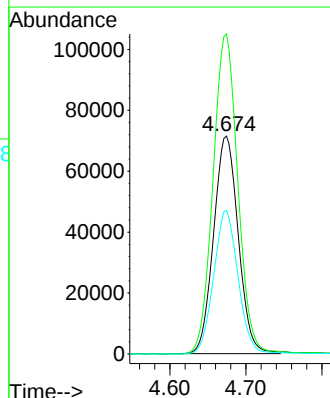
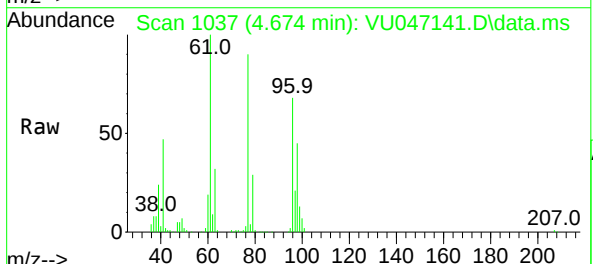
Tgt Ion: 96 Resp: 160835

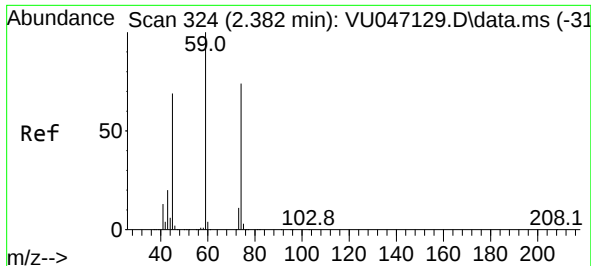
Ion Ratio Lower Upper

96 100

61 148.2 0.0 385.3

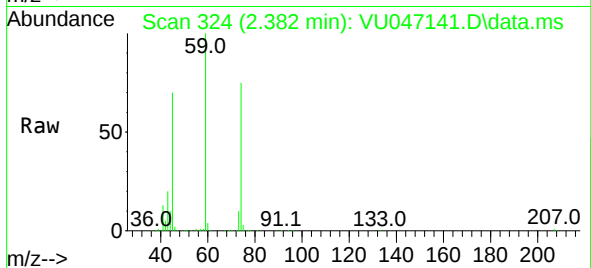
98 65.4 32.1 96.3





#23
Diethyl Ether
Concen: 10.259 ug/l
RT: 2.382 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

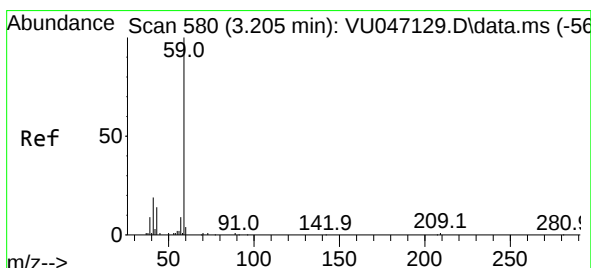
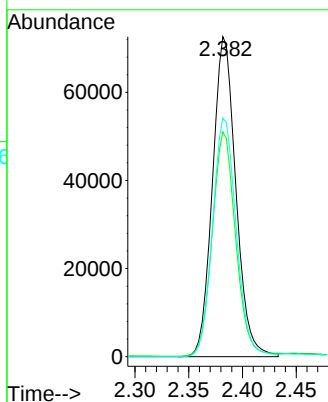
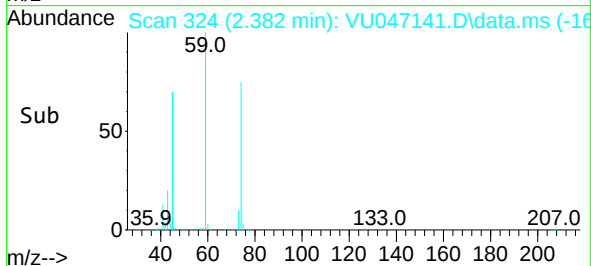
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



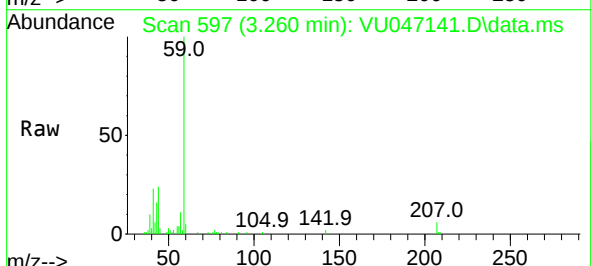
Tgt Ion: 59 Resp: 10985
Ion Ratio Lower Upper
59 100
45 70.7 55.6 83.4
74 75.2 58.1 87.1

Manual Integrations
APPROVED

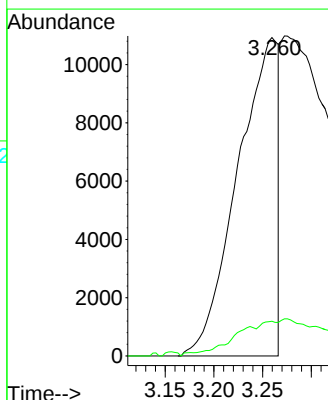
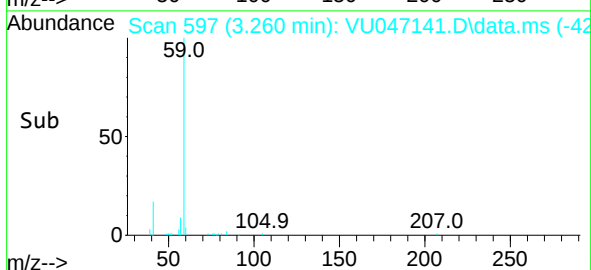
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

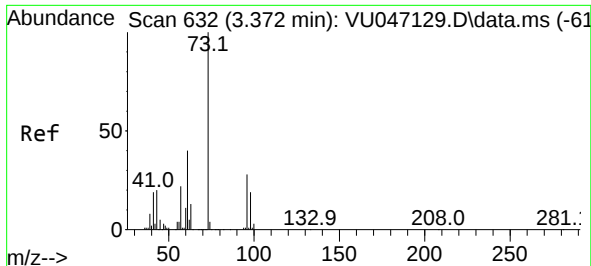


#24
tert-Butyl Alcohol
Concen: 45.067 ug/l
RT: 3.260 min Scan# 597
Delta R.T. 0.055 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22



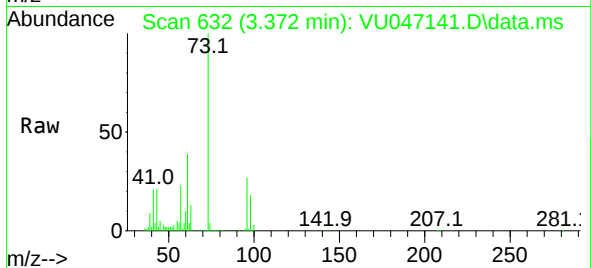
Tgt Ion: 59 Resp: 31385
Ion Ratio Lower Upper
59 100
57 266.2 6.5 9.7#





#25
Methyl tert-Butyl Ether
Concen: 10.282 ug/l
RT: 3.372 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

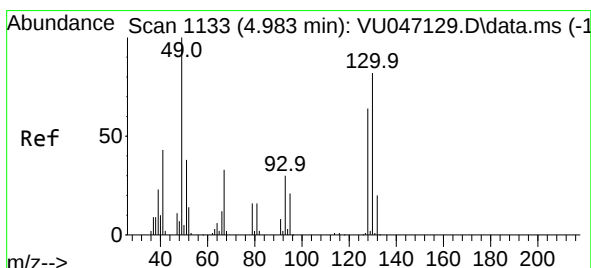
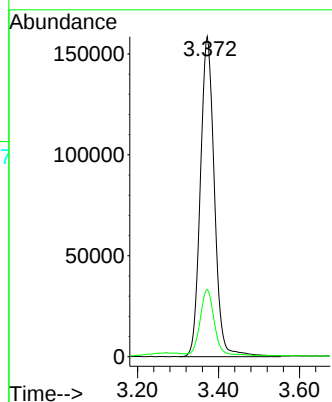
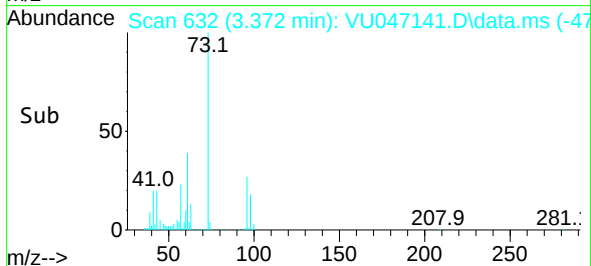
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 73 Resp: 38201
Ion Ratio Lower Upper
73 100
43 19.8 16.3 24.5

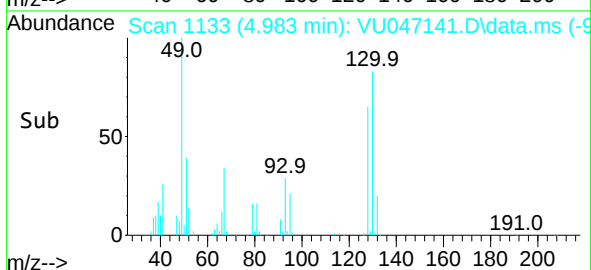
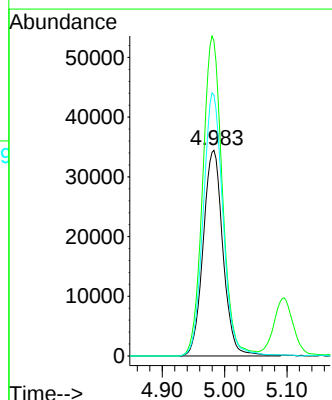
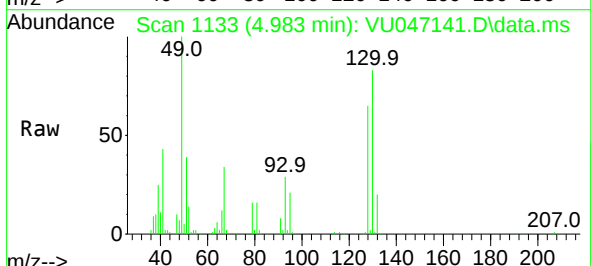
Manual Integrations
APPROVED

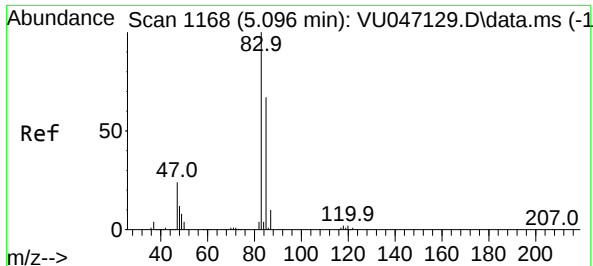
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#26
Bromochloromethane
Concen: 10.513 ug/l
RT: 4.983 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

Tgt Ion:128 Resp: 76027
Ion Ratio Lower Upper
128 100
49 154.2 0.0 347.4
130 128.7 101.5 152.3





#27

Chloroform

Concen: 10.140 ug/l

RT: 5.095 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VU047141.D

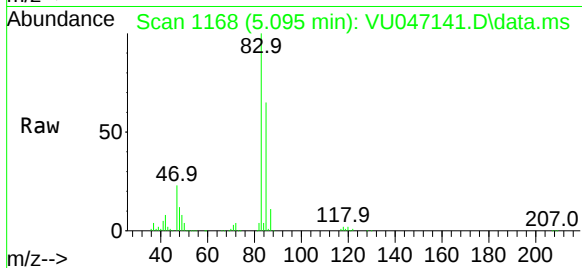
Acq: 14 Feb 2022 19:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 83 Resp: 263600

Ion Ratio Lower Upper

83 100

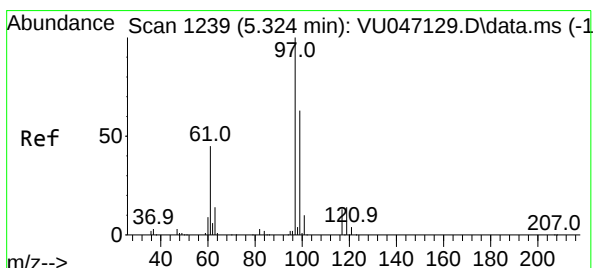
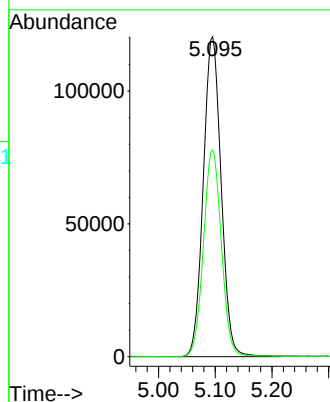
85 64.7 0.0 129.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#28

1,1,1-Trichloroethane

Concen: 10.223 ug/l

RT: 5.321 min Scan# 1238

Delta R.T. -0.003 min

Lab File: VU047141.D

Acq: 14 Feb 2022 19:22

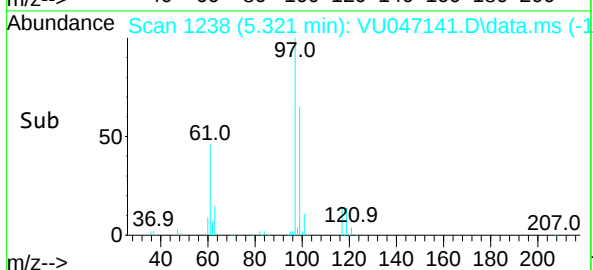
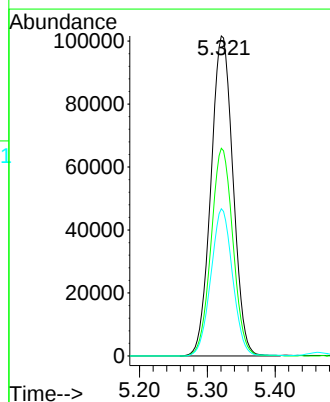
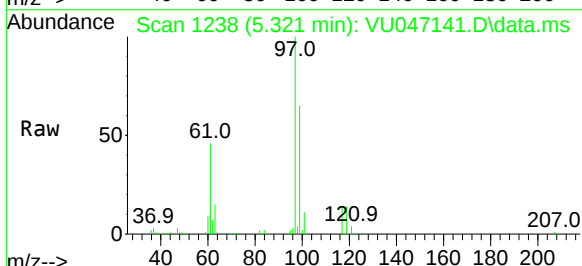
Tgt Ion: 97 Resp: 230085

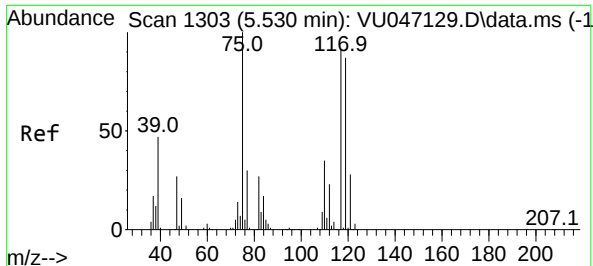
Ion Ratio Lower Upper

97 100

99 64.3 32.2 96.6

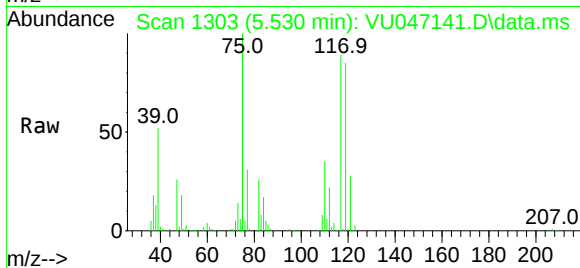
61 45.3 24.5 73.5





#29
1,1-Dichloropropene
Concen: 10.285 ug/l
RT: 5.530 min Scan# 1103
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

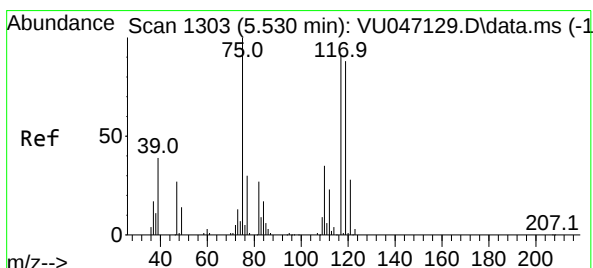
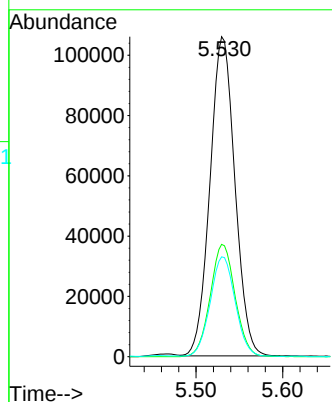
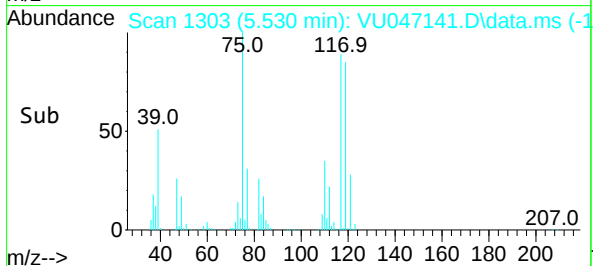
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



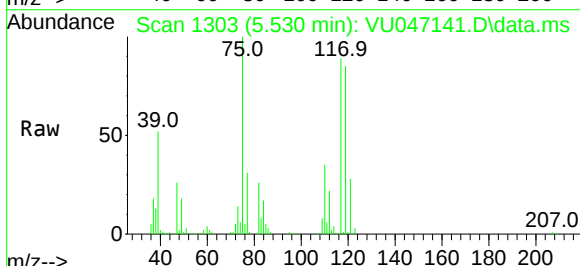
Tgt Ion: 75 Resp: 211889
Ion Ratio Lower Upper
75 100
110 35.1 16.8 50.3
77 31.3 24.7 37.1

Manual Integrations
APPROVED

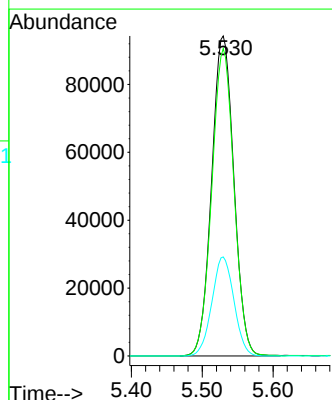
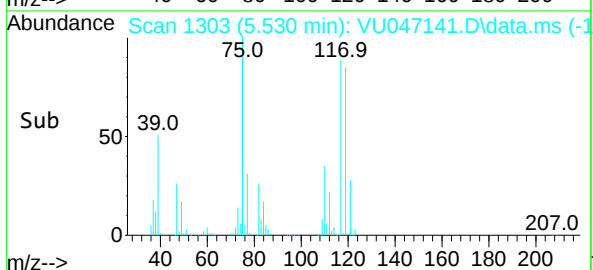
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

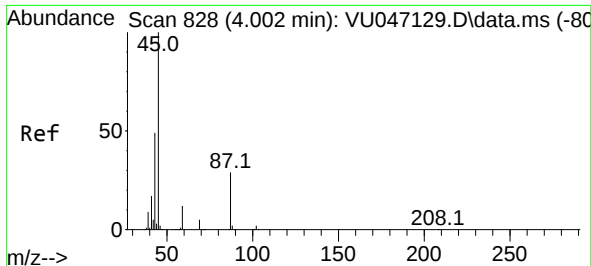


#30
Carbon Tetrachloride
Concen: 10.375 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22



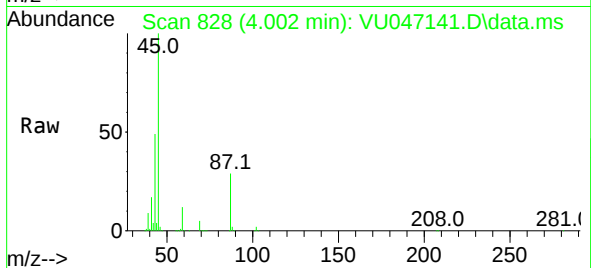
Tgt Ion:117 Resp: 205293
Ion Ratio Lower Upper
117 100
119 96.0 76.8 115.2
121 31.0 24.6 37.0





#31
Isopropyl Ether
Concen: 10.351 ug/l
RT: 4.002 min Scan# 81
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

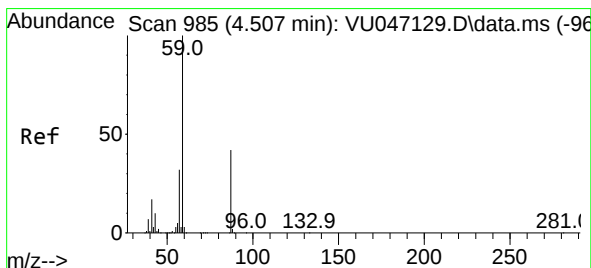
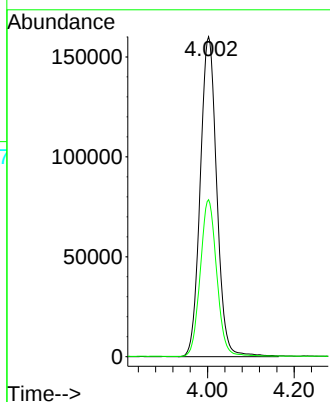
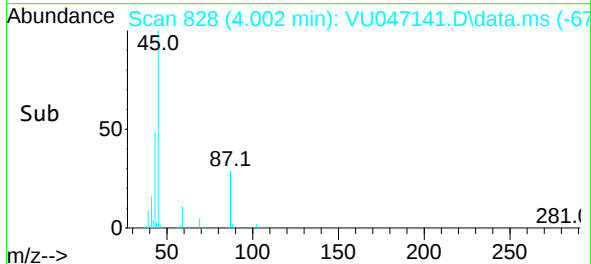
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



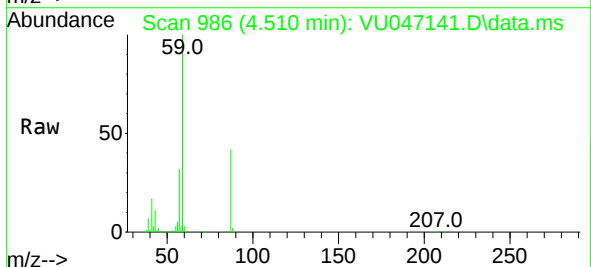
Tgt Ion: 45 Resp: 42416
Ion Ratio Lower Upper
45 100
43 48.7 25.3 75.8

Manual Integrations
APPROVED

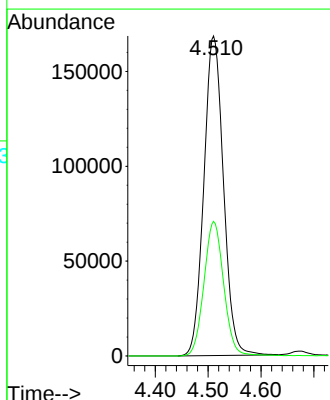
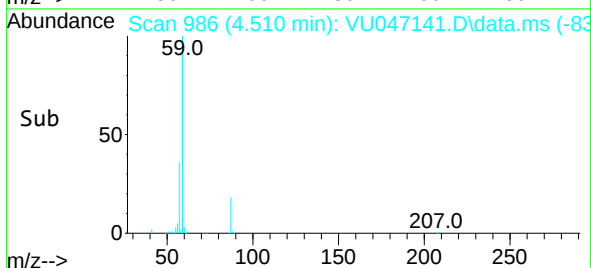
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

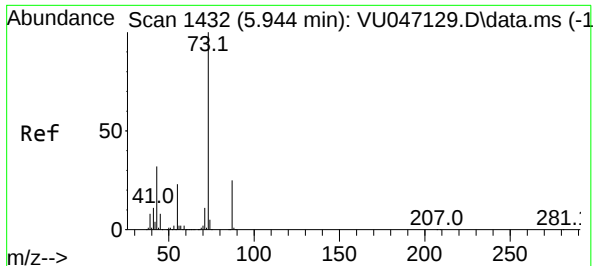


#32
Ethyl-t-butyl ether
Concen: 10.428 ug/l
RT: 4.510 min Scan# 986
Delta R.T. 0.003 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22



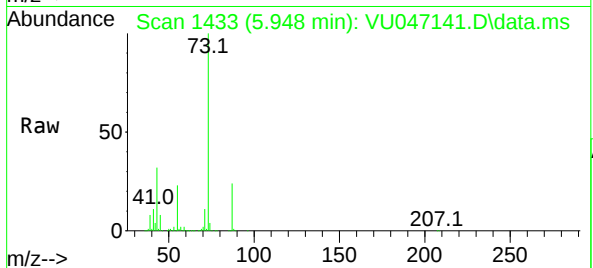
Tgt Ion: 59 Resp: 434359
Ion Ratio Lower Upper
59 100
87 42.2 32.7 49.1





#33
Tert-Amyl methyl ether
Concen: 10.382 ug/l
RT: 5.948 min Scan# 1432
Delta R.T. 0.003 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

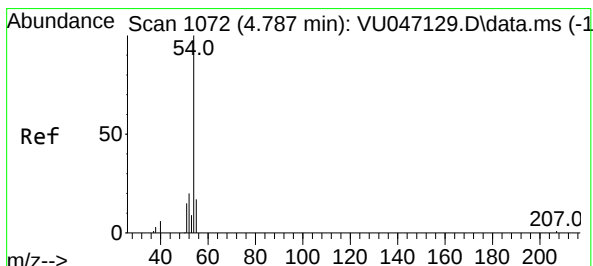
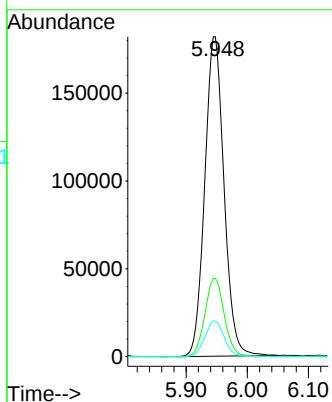
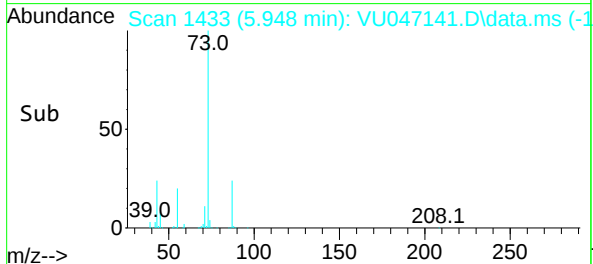
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



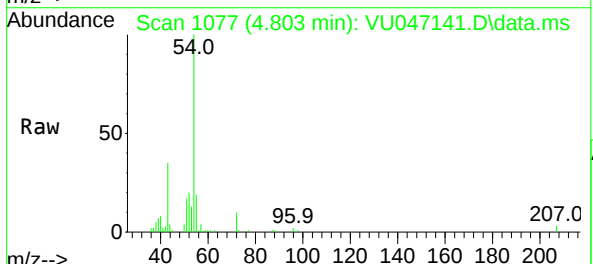
Tgt Ion: 73 Resp: 398330
Ion Ratio Lower Upper
73 100
87 24.7 18.6 28.0
71 11.4 9.0 13.6

Manual Integrations
APPROVED

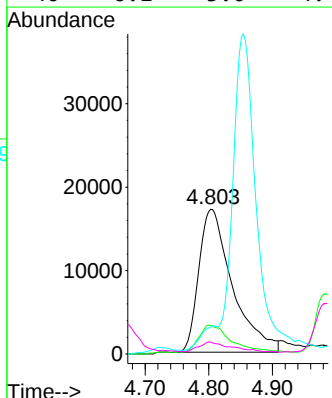
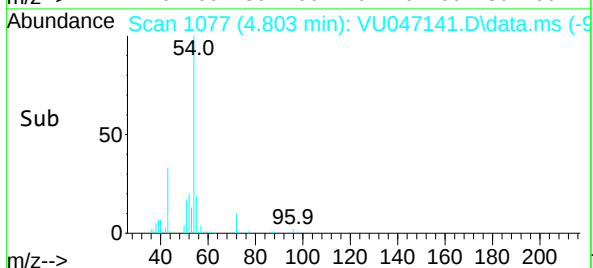
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

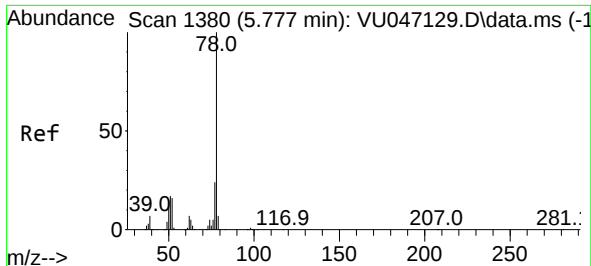


#34
Propionitrile
Concen: 54.181 ug/l
RT: 4.803 min Scan# 1077
Delta R.T. 0.016 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22



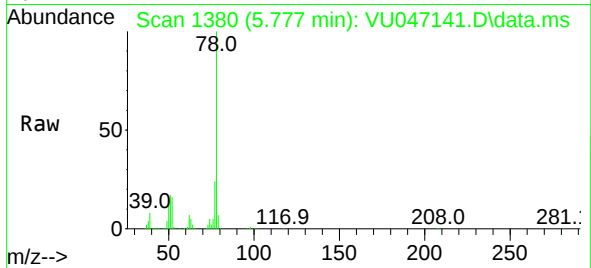
Tgt Ion: 54 Resp: 62986
Ion Ratio Lower Upper
54 100
52 17.8 11.9 17.9
55 159.6 8.0 12.0#
40 6.1 3.0 4.4#





#35
Benzene
Concen: 10.355 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

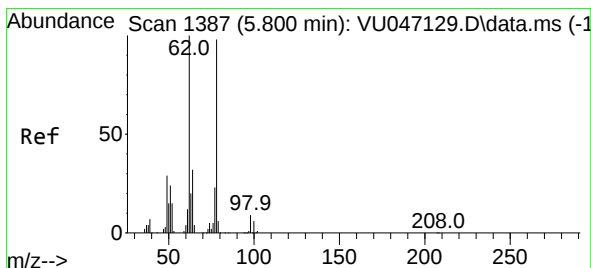
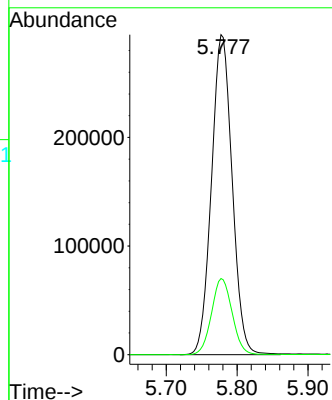
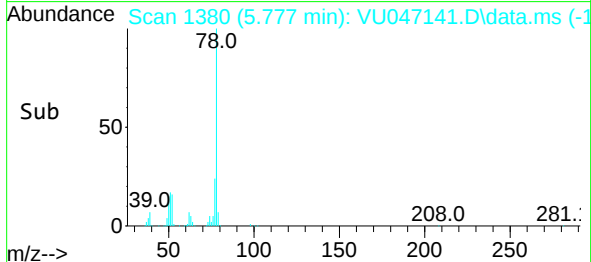
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



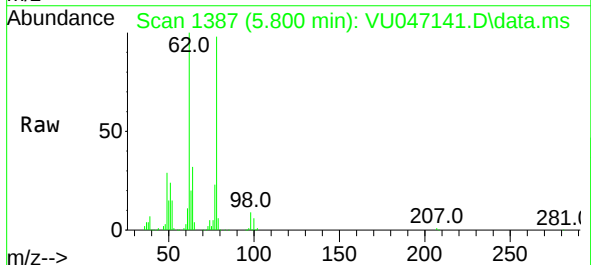
Tgt Ion: 78 Resp: 597819
Ion Ratio Lower Upper
78 100
77 23.8 19.1 28.7

Manual Integrations
APPROVED

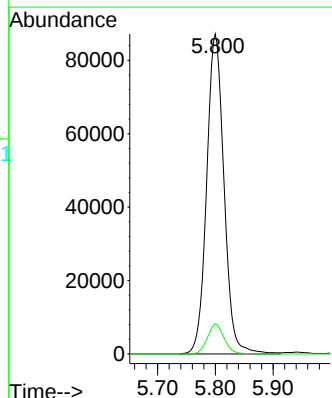
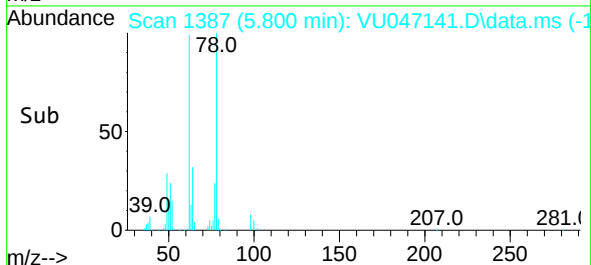
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

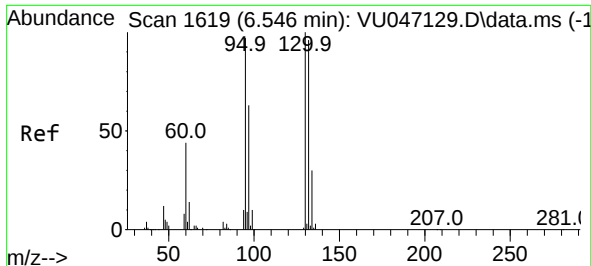


#36
1,2-Dichloroethane
Concen: 10.406 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22



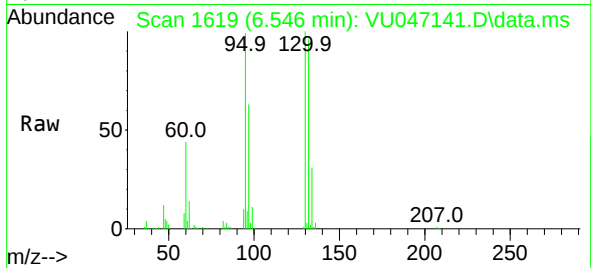
Tgt Ion: 62 Resp: 181902
Ion Ratio Lower Upper
62 100
98 9.0 7.3 10.9





#37
Trichloroethene
Concen: 10.359 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

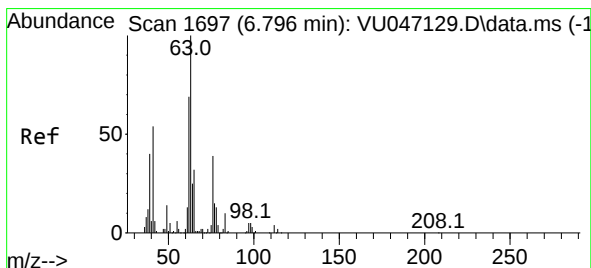
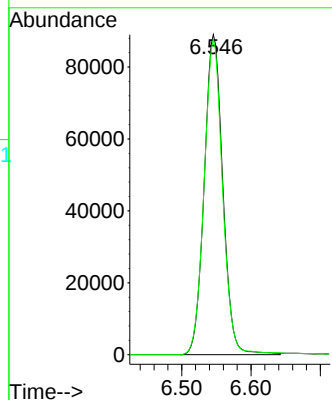
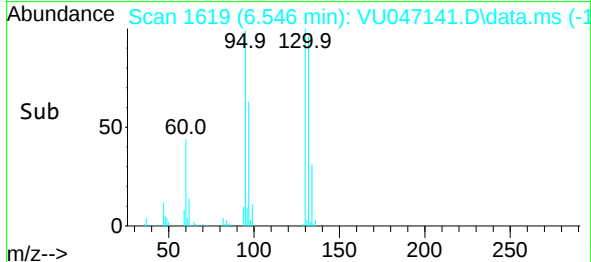
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



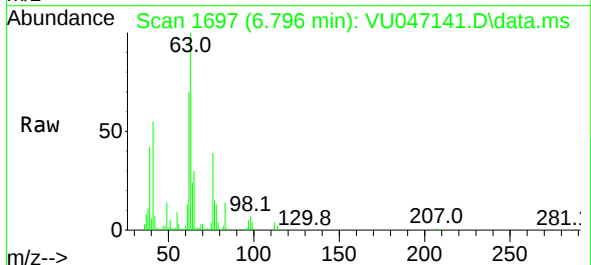
Tgt Ion:130 Resp: 16558
Ion Ratio Lower Upper
130 100
95 98.7 83.8 125.8

Manual Integrations
APPROVED

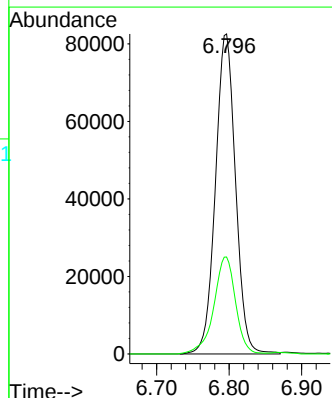
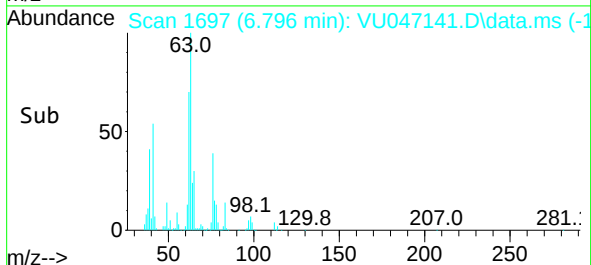
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

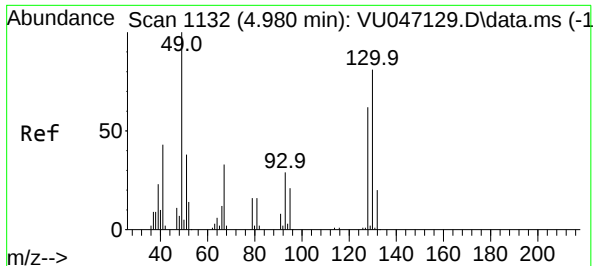


#38
1,2-Dichloropropane
Concen: 10.398 ug/l
RT: 6.796 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22



Tgt Ion: 63 Resp: 158861
Ion Ratio Lower Upper
63 100
65 30.2 24.7 37.1





#39

Methacrylonitrile

Concen: 10.301 ug/l

RT: 4.983 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VU047141.D

Acq: 14 Feb 2022 19:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 41 Resp: 5424

Ion Ratio Lower Upper

41 100

67 83.0 65.2 97.8

39 55.3 43.0 64.6

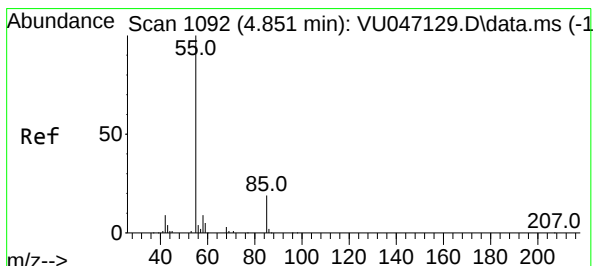
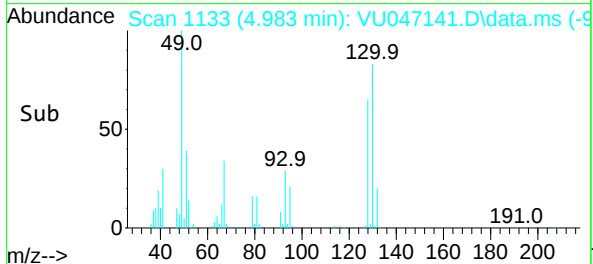
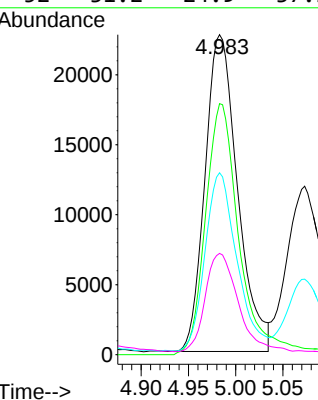
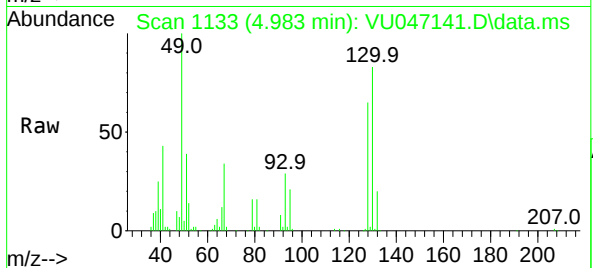
52 31.2 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#40

Methyl acrylate

Concen: 11.296 ug/l

RT: 4.854 min Scan# 1093

Delta R.T. 0.003 min

Lab File: VU047141.D

Acq: 14 Feb 2022 19:22

Tgt Ion: 55 Resp: 100545

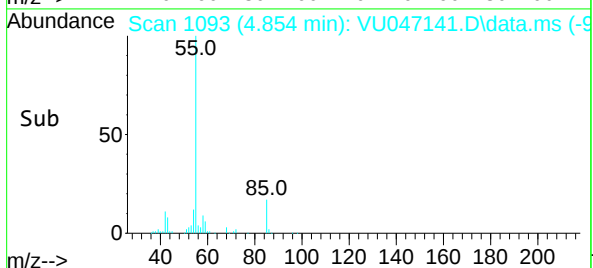
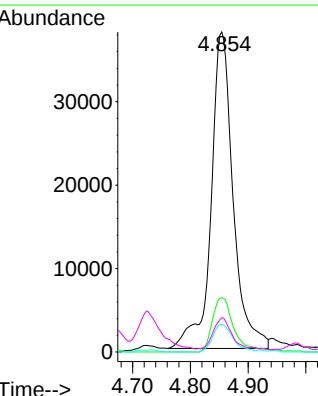
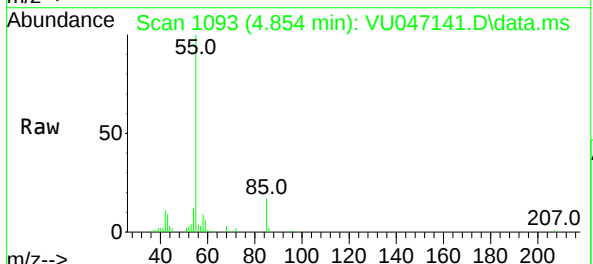
Ion Ratio Lower Upper

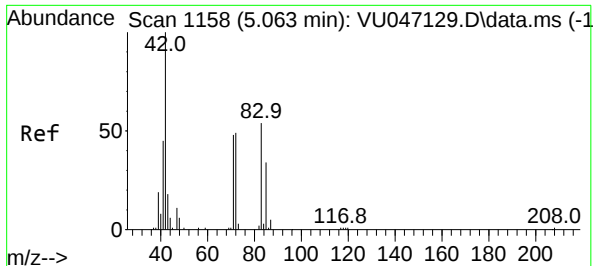
55 100

85 16.2 12.2 18.2

58 8.1 6.7 10.1

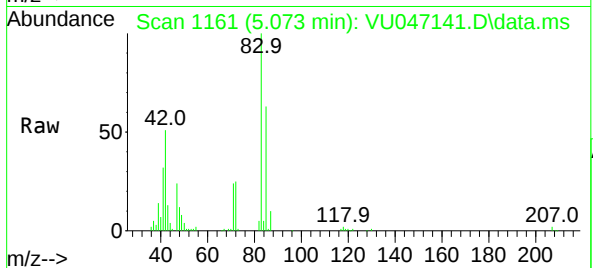
42 7.6 6.9 10.3





#41
Tetrahydrofuran
Concen: 20.028 ug/l
RT: 5.073 min Scan# 1158
Delta R.T. 0.010 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

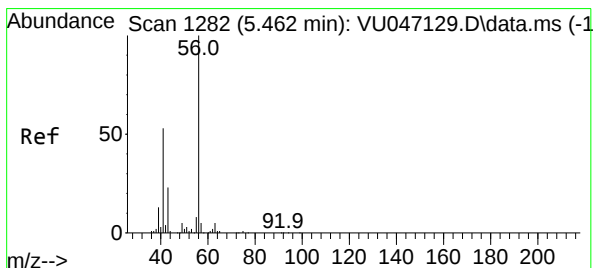
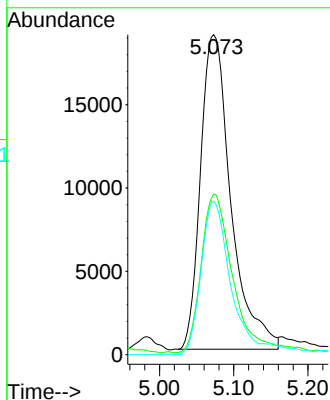
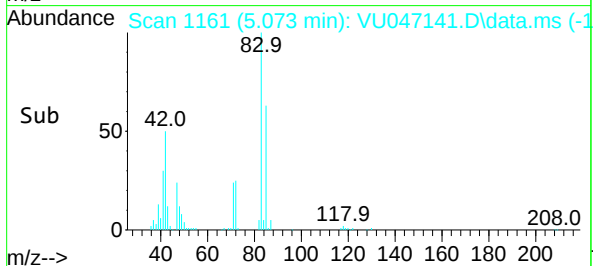
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 42 Resp: 53724
Ion Ratio Lower Upper
42 100
72 53.2 42.4 63.6
71 47.0 36.4 54.6

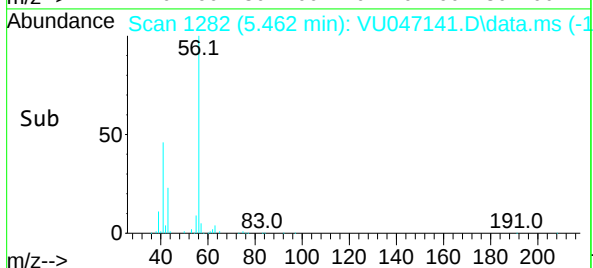
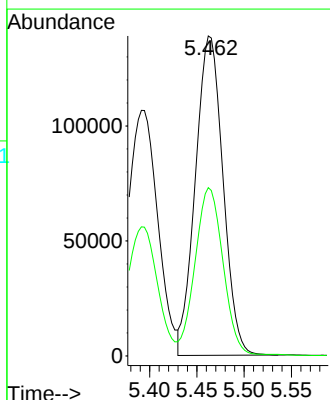
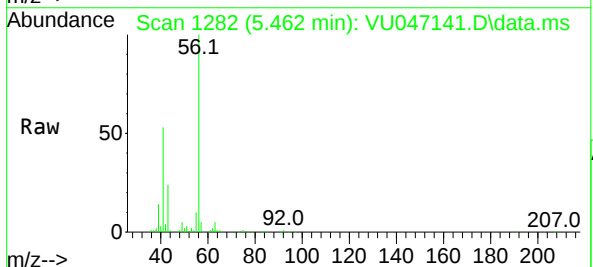
Manual Integrations
APPROVED

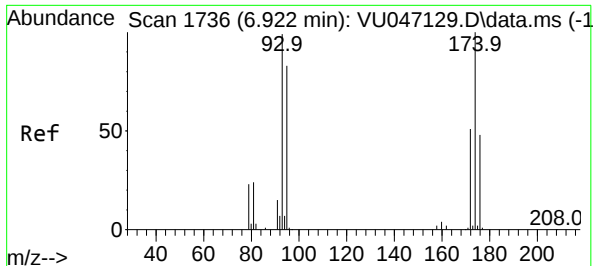
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#42
1-Chlorobutane
Concen: 10.176 ug/l
RT: 5.462 min Scan# 1282
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

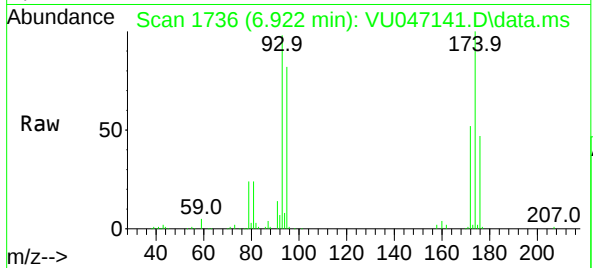
Tgt Ion: 56 Resp: 281503
Ion Ratio Lower Upper
56 100
41 53.8 26.0 78.0





#43
Dibromomethane
Concen: 10.416 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

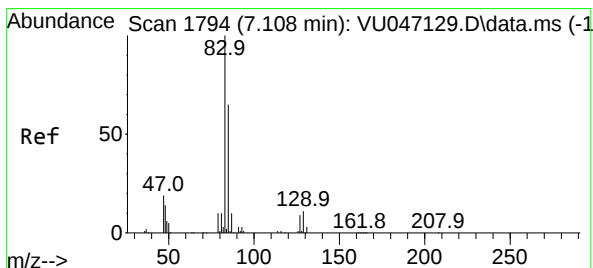
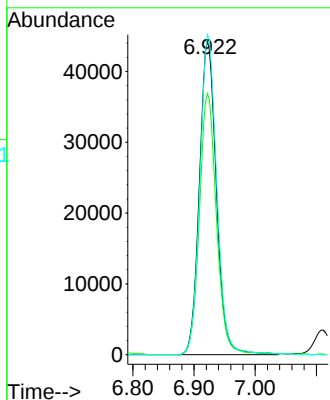
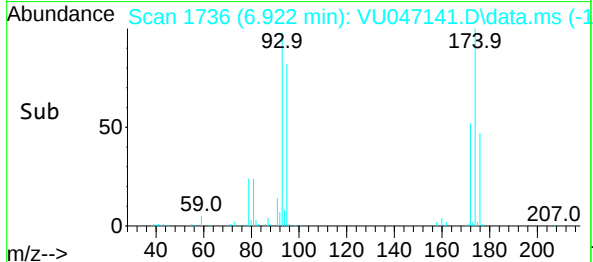
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



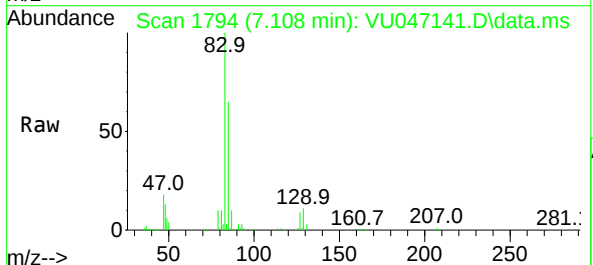
Tgt Ion: 93 Resp: 85824
Ion Ratio Lower Upper
93 100
95 83.2 66.2 99.2
174 101.3 70.7 106.1

Manual Integrations
APPROVED

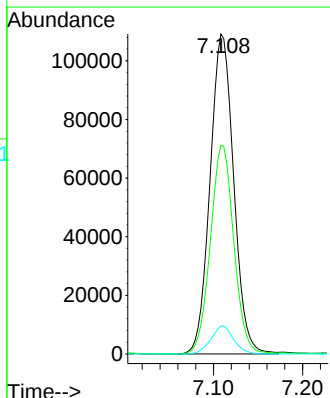
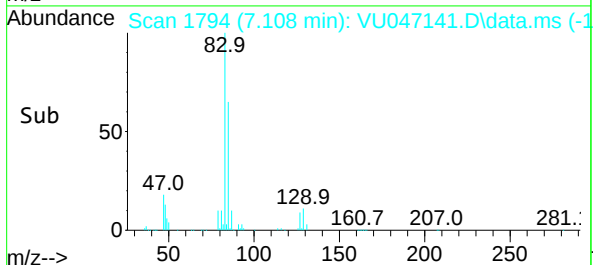
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

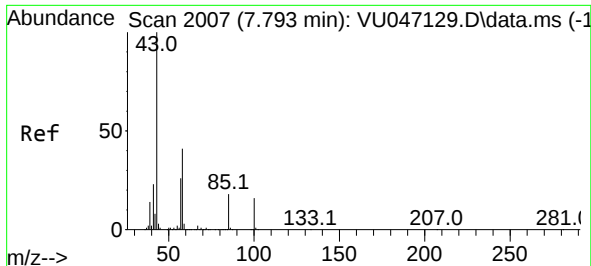


#44
Bromodichloromethane
Concen: 10.324 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22



Tgt Ion: 83 Resp: 201184
Ion Ratio Lower Upper
83 100
85 65.3 50.9 76.3
127 8.8 6.0 9.0





#45

4-Methyl-2-Pentanone

Concen: 50.610 ug/l

RT: 7.796 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU047141.D

Acq: 14 Feb 2022 19:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 56399

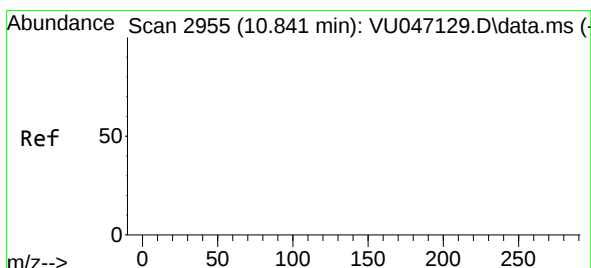
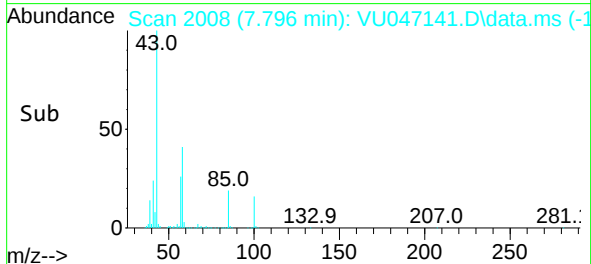
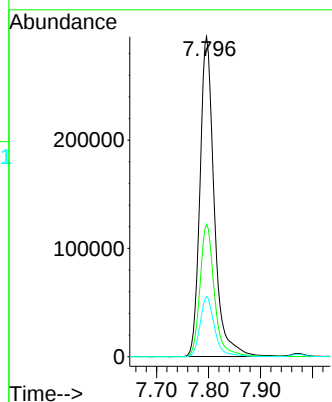
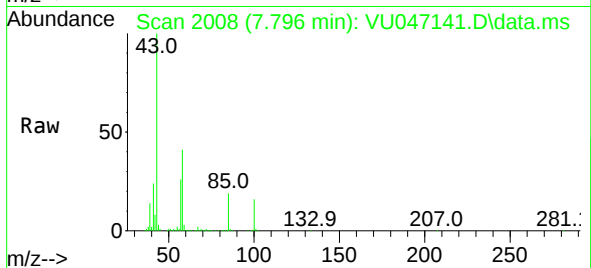
Ion	Ratio	Lower	Upper
43	100		
58	41.9	21.0	63.0
85	19.1	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#46

t-1,4-Dichloro-2-butene

Concen: 18.935 ug/l m

RT: 10.838 min Scan# 2954

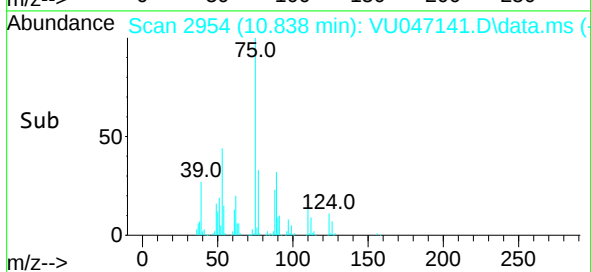
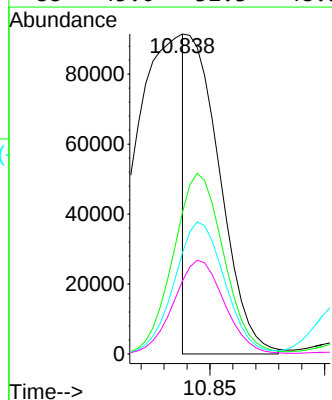
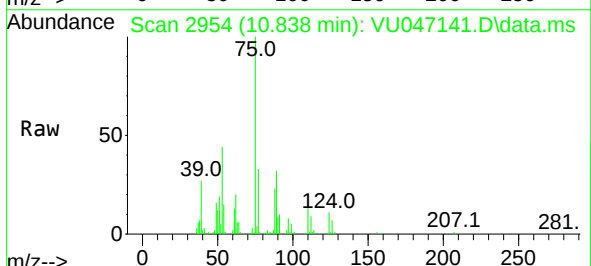
Delta R.T. -0.003 min

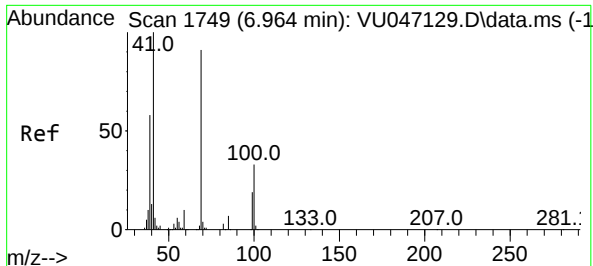
Lab File: VU047141.D

Acq: 14 Feb 2022 19:22

Tgt Ion: 75 Resp: 91854

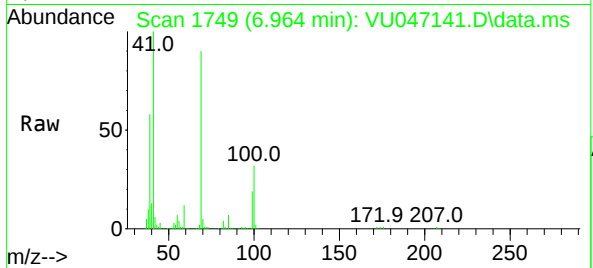
Ion	Ratio	Lower	Upper
75	100		
53	86.4	66.8	100.2
89	63.2	41.7	62.5#
88	45.0	32.3	48.5





#47
Methyl methacrylate
Concen: 20.760 ug/l
RT: 6.964 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

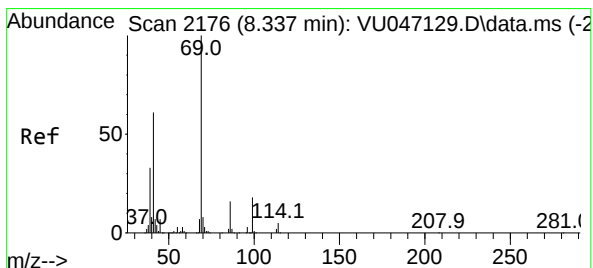
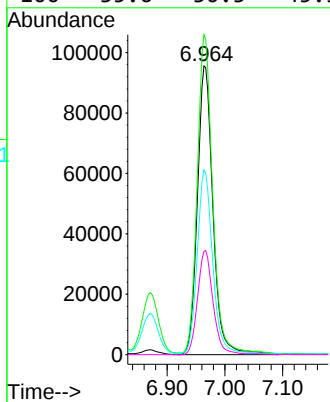
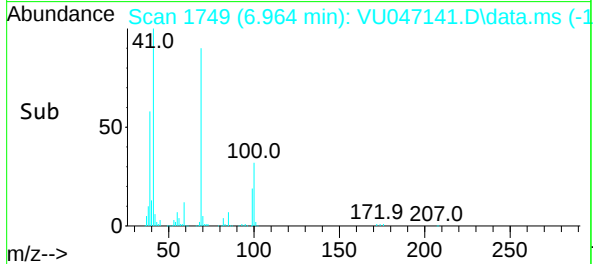
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 69 Resp: 17938
Ion Ratio Lower Upper
69 100
41 107.8 0.0 230.0
39 62.4 55.1 82.7
100 35.6 30.3 45.5

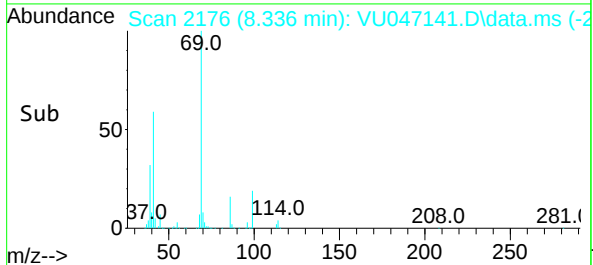
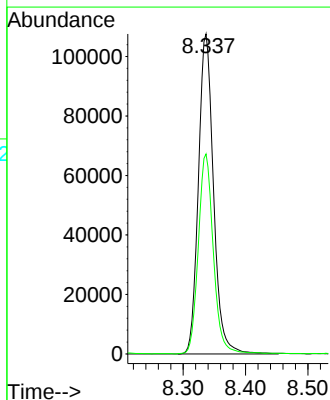
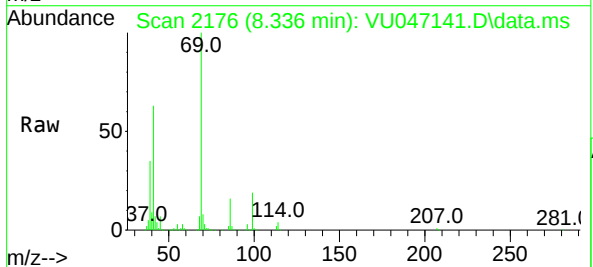
Manual Integrations
APPROVED

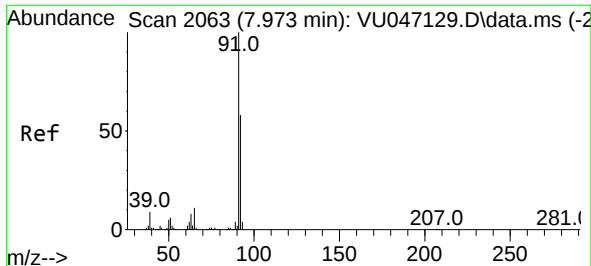
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#48
Ethyl methacrylate
Concen: 10.350 ug/l
RT: 8.336 min Scan# 2176
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

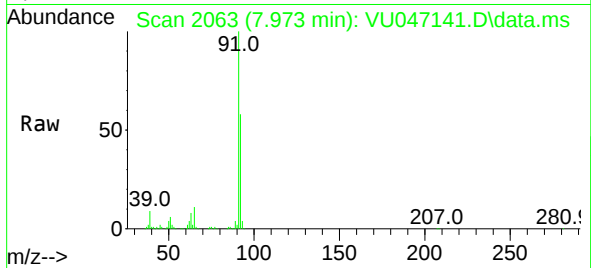
Tgt Ion: 69 Resp: 181299
Ion Ratio Lower Upper
69 100
41 62.1 32.6 98.0





#49
Toluene
Concen: 10.523 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

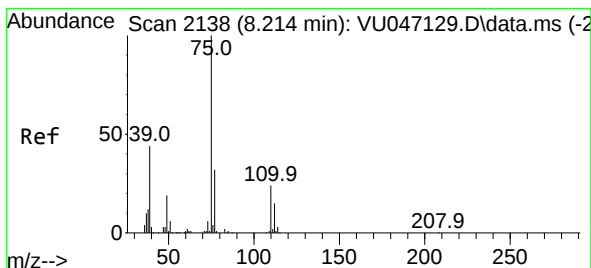
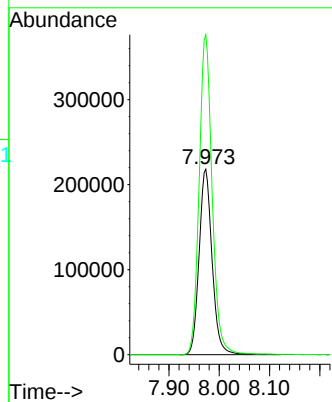
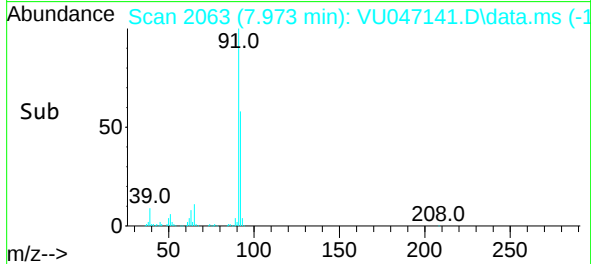
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 92 Resp: 391899
Ion Ratio Lower Upper
92 100
91 172.1 136.8 205.2

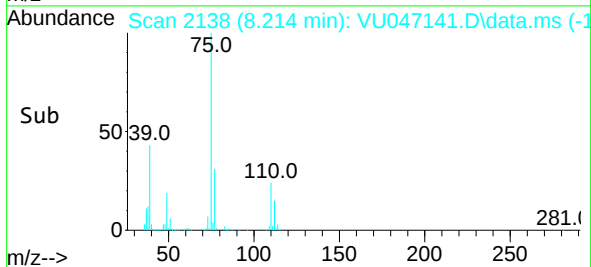
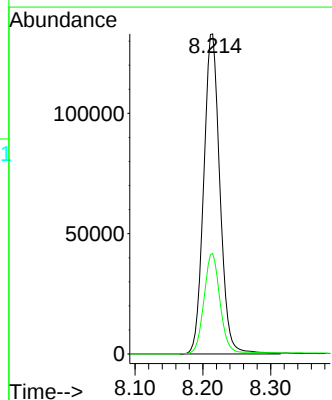
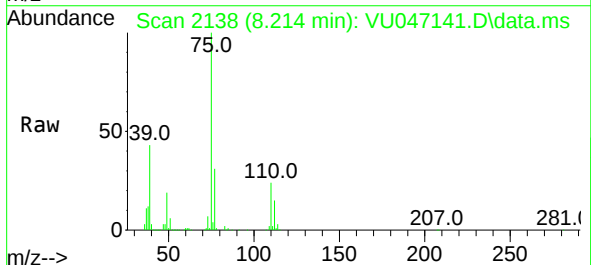
Manual Integrations
APPROVED

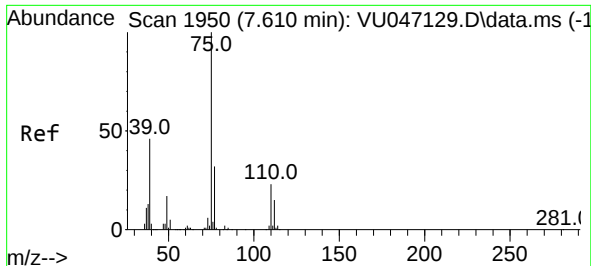
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#50
t-1,3-Dichloropropene
Concen: 10.462 ug/l
RT: 8.214 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

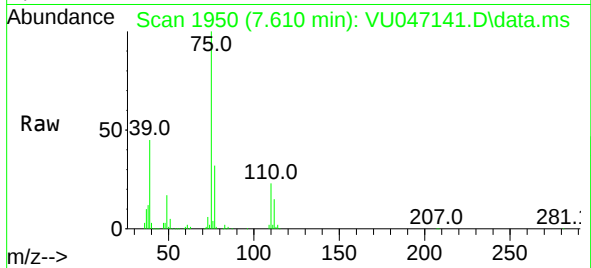
Tgt Ion: 75 Resp: 220676
Ion Ratio Lower Upper
75 100
77 31.4 25.6 38.4





#51
cis-1,3-Dichloropropene
Concen: 10.422 ug/l
RT: 7.610 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

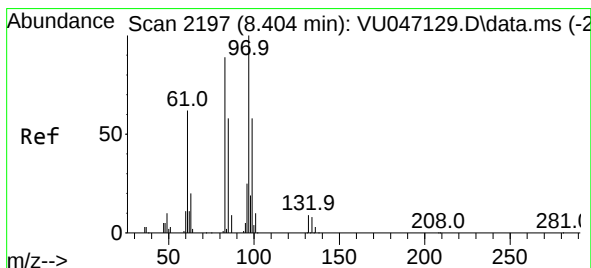
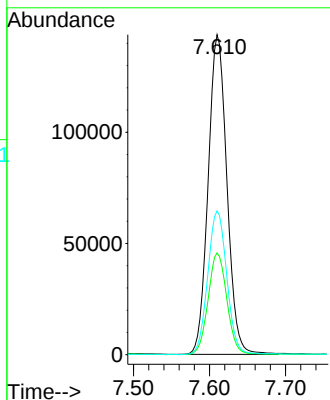
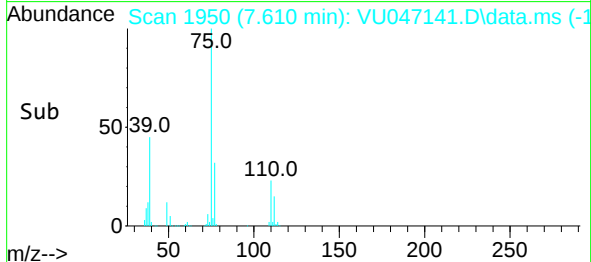
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 75 Resp: 246440
Ion Ratio Lower Upper
75 100
77 31.8 25.2 37.8
39 45.0 38.6 57.8

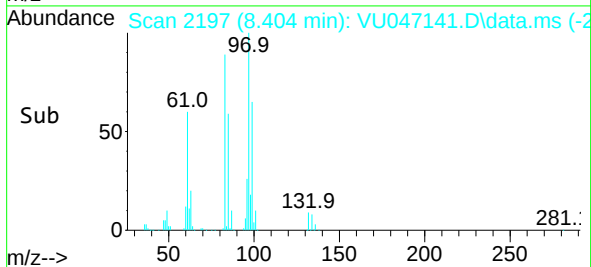
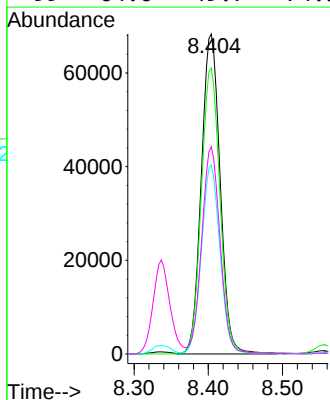
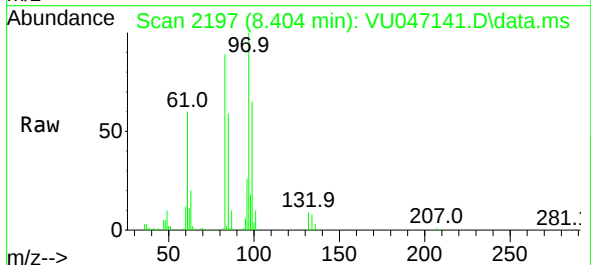
Manual Integrations
APPROVED

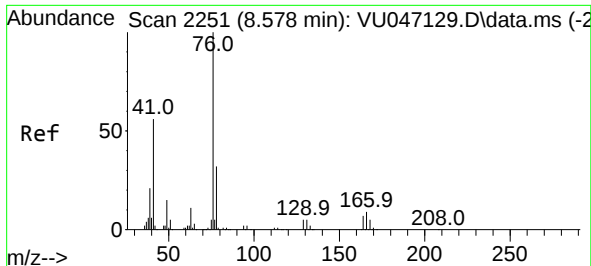
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#52
1,1,2-Trichloroethane
Concen: 10.210 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

Tgt Ion: 97 Resp: 120031
Ion Ratio Lower Upper
97 100
83 89.3 69.8 104.8
85 59.1 44.2 66.4
99 64.6 49.7 74.5





#53

1,3-Dichloropropane

Concen: 10.183 ug/l

RT: 8.578 min Scan# 21388

Delta R.T. -0.000 min

Lab File: VU047141.D

Acq: 14 Feb 2022 19:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 76 Resp: 21388

Ion Ratio Lower Upper

76 100

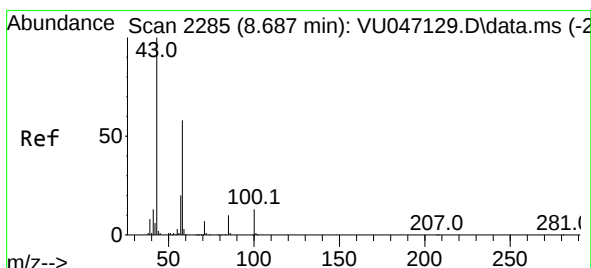
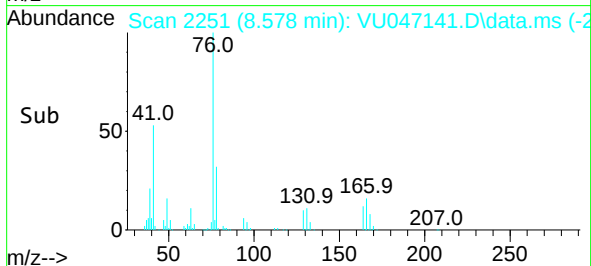
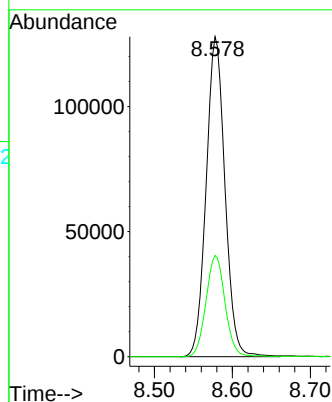
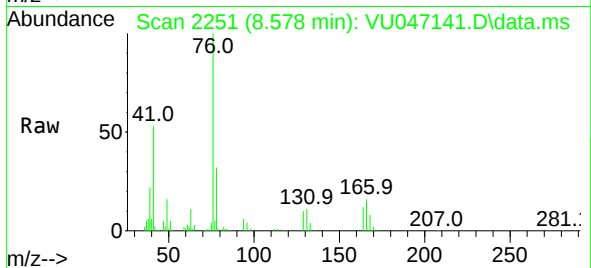
78 32.1 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#54

2-Hexanone

Concen: 48.779 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. -0.000 min

Lab File: VU047141.D

Acq: 14 Feb 2022 19:22

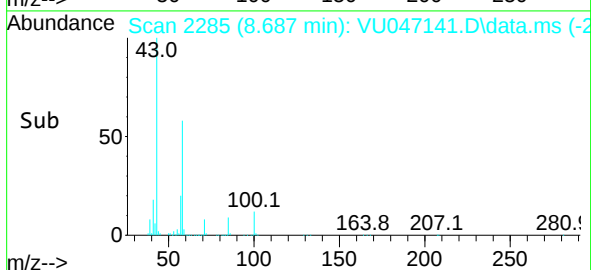
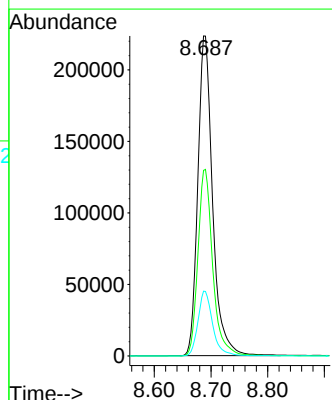
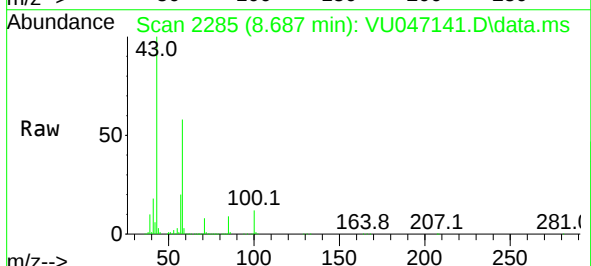
Tgt Ion: 43 Resp: 404977

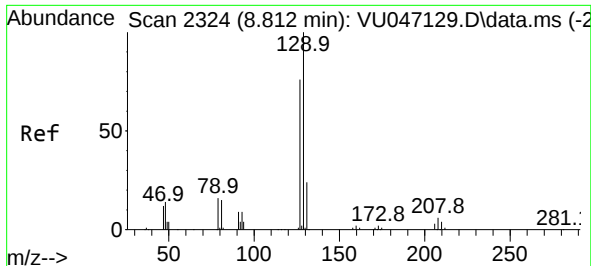
Ion Ratio Lower Upper

43 100

58 58.2 37.7 77.7

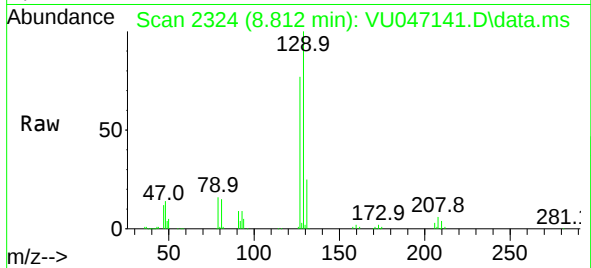
57 20.2 0.5 40.5





#55
Dibromochloromethane
Concen: 10.389 ug/l
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

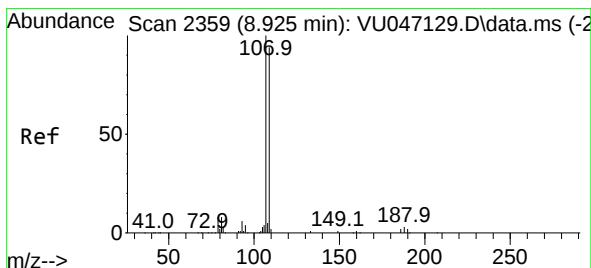
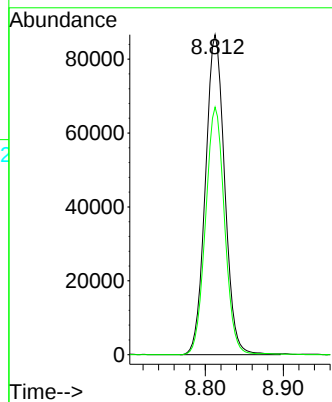
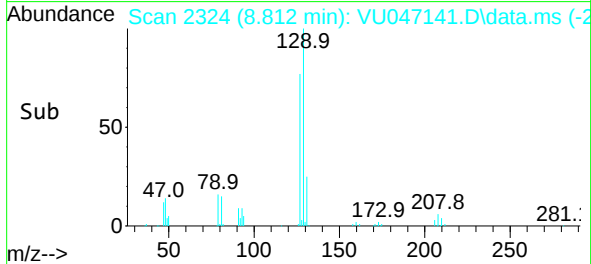
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:129 Resp: 148484
Ion Ratio Lower Upper
129 100
127 76.3 62.2 93.4

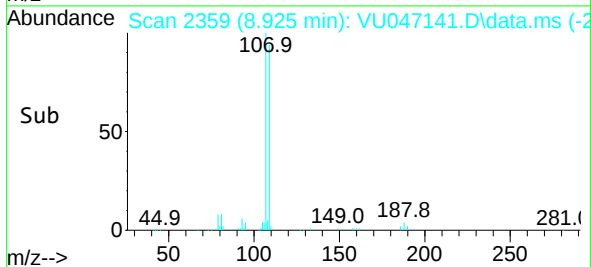
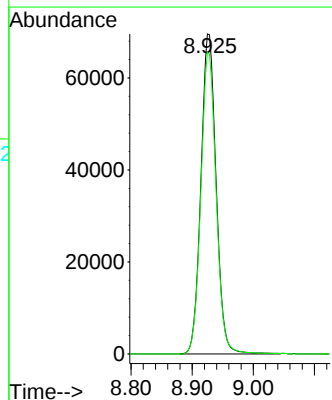
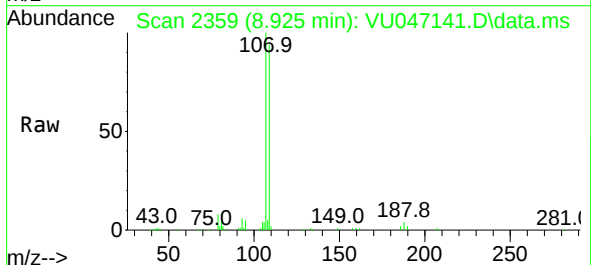
Manual Integrations
APPROVED

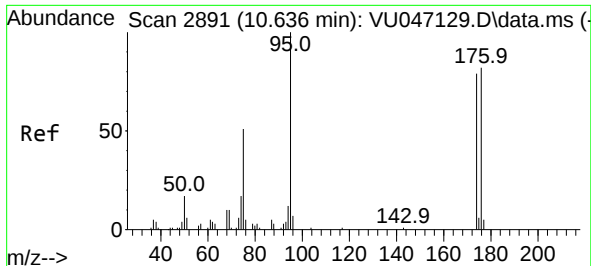
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#56
1,2-Dibromoethane
Concen: 10.124 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

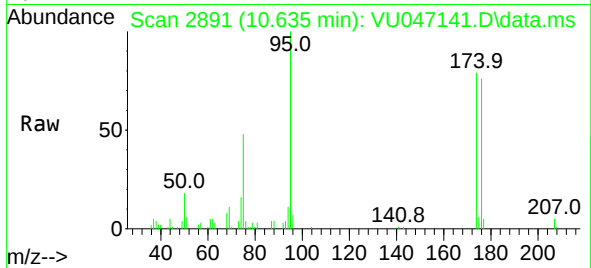
Tgt Ion:107 Resp: 120278
Ion Ratio Lower Upper
107 100
109 94.5 0.0 185.0





#57
4-Bromofluorobenzene
Concen: 1.020 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

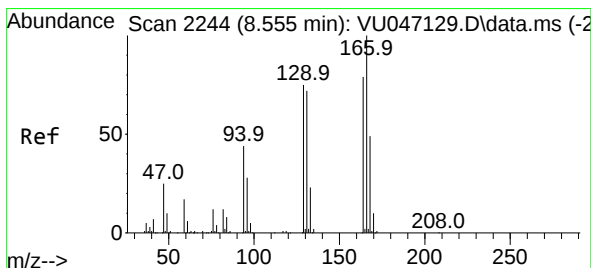
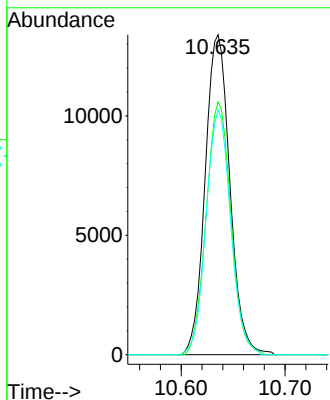
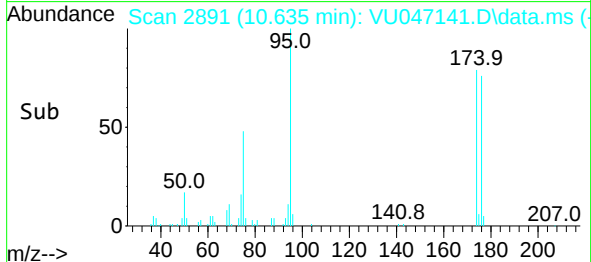
Instrument : MSVOA_U
ClientSampleId : VSTDCCC010EC



Tgt Ion: 95 Resp: 22135
Ion Ratio Lower Upper
95 100
174 79.0 56.6 84.8
176 76.0 54.3 81.5

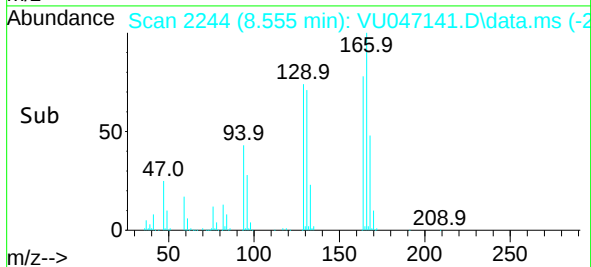
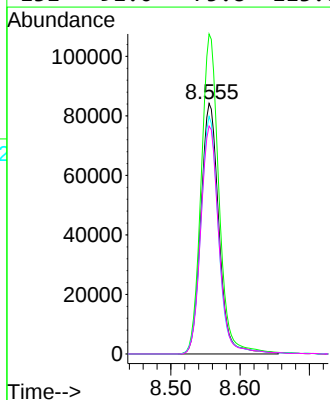
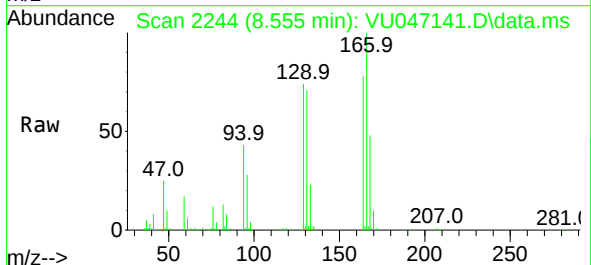
Manual Integrations
APPROVED

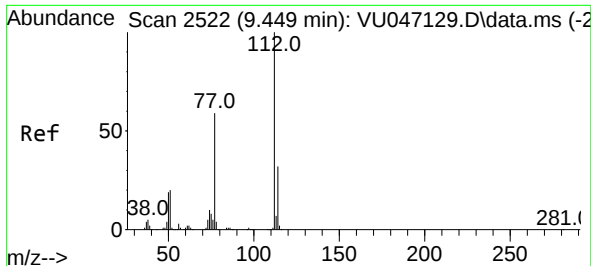
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#58
Tetrachloroethene
Concen: 10.269 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

Tgt Ion:164 Resp: 151463
Ion Ratio Lower Upper
164 100
166 127.7 102.0 153.0
129 94.8 77.1 115.7
131 91.0 75.8 113.6





#59

Chlorobenzene

Concen: 10.428 ug/l

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU047141.D

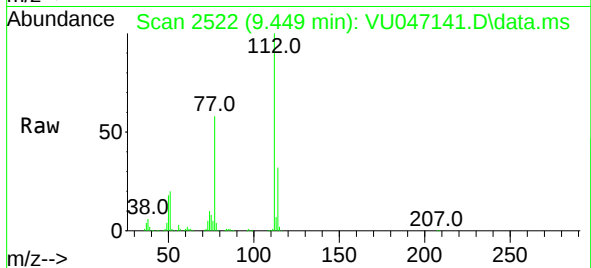
Acq: 14 Feb 2022 19:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC



Tgt Ion:112 Resp: 433008

Ion Ratio Lower Upper

112 100

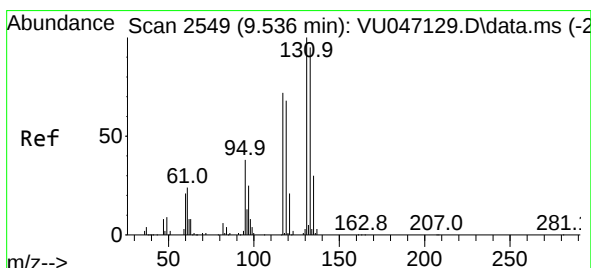
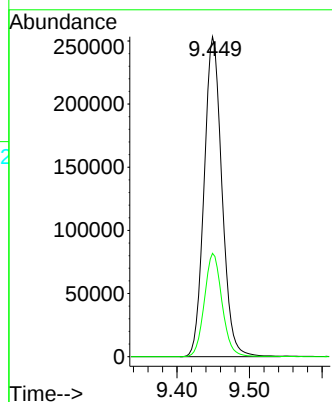
114 32.3 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#60

1,1,1,2-Tetrachloroethane

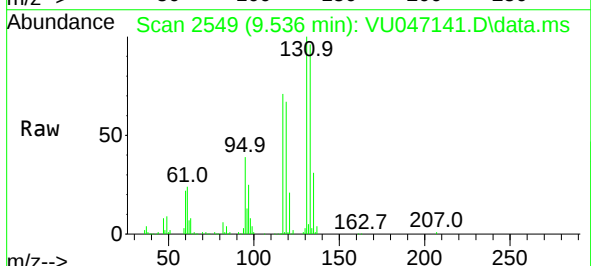
Concen: 10.724 ug/l

RT: 9.536 min Scan# 2549

Delta R.T. -0.000 min

Lab File: VU047141.D

Acq: 14 Feb 2022 19:22



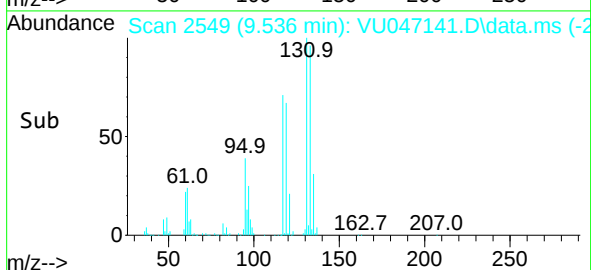
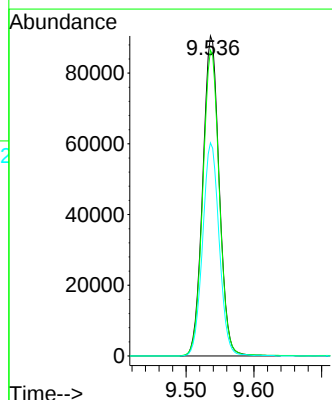
Tgt Ion:131 Resp: 153057

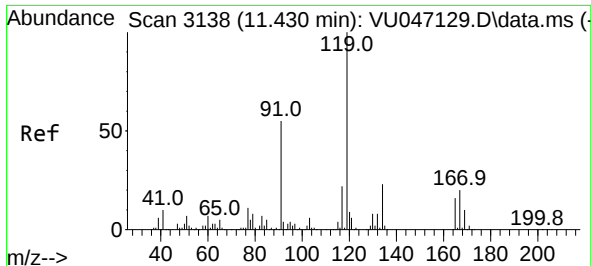
Ion Ratio Lower Upper

131 100

133 95.9 76.0 114.0

119 66.8 54.9 82.3





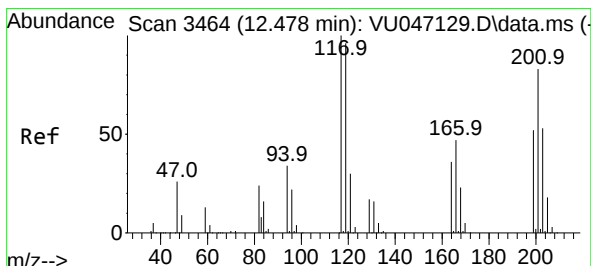
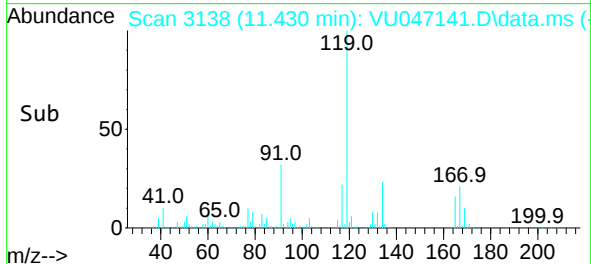
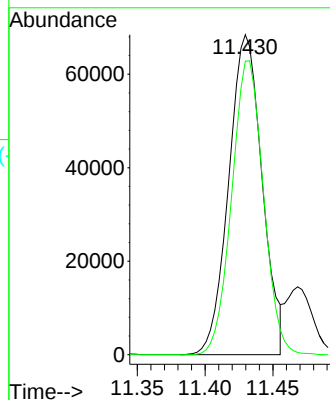
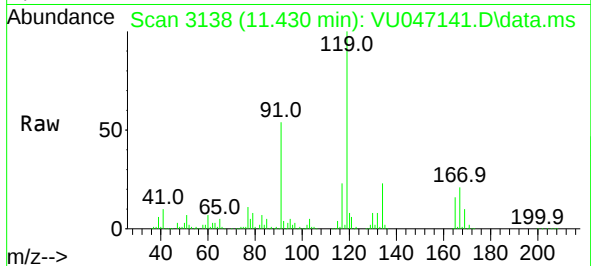
#61
Pentachloroethane
Concen: 10.806 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:117 Resp: 117069
Ion Ratio Lower Upper
117 100
167 87.3 59.7 89.5

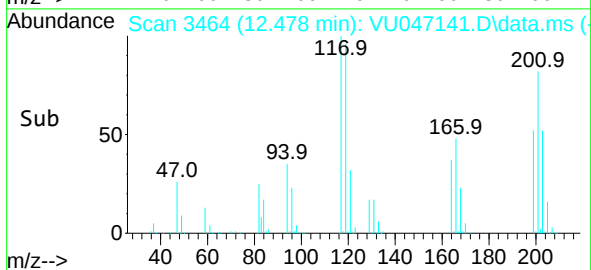
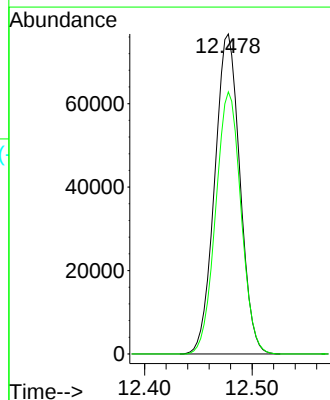
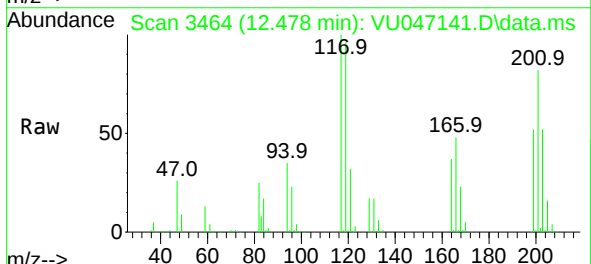
Manual Integrations
APPROVED

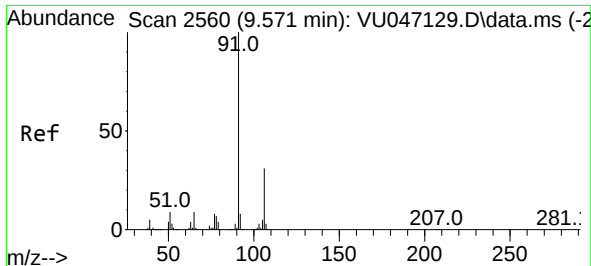
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#62
Hexachloroethane
Concen: 10.689 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

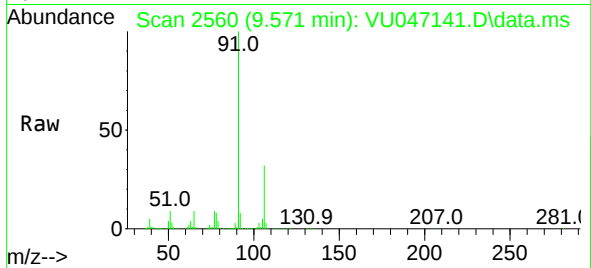
Tgt Ion:117 Resp: 125036
Ion Ratio Lower Upper
117 100
201 82.2 53.6 80.4#





#63
Ethyl Benzene
Concen: 10.418 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

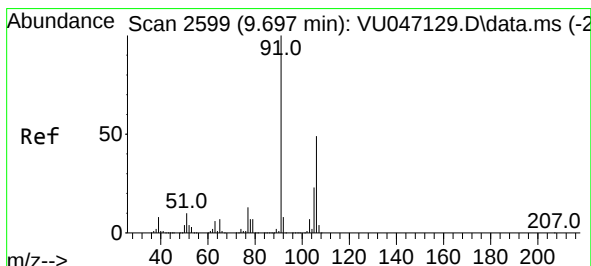
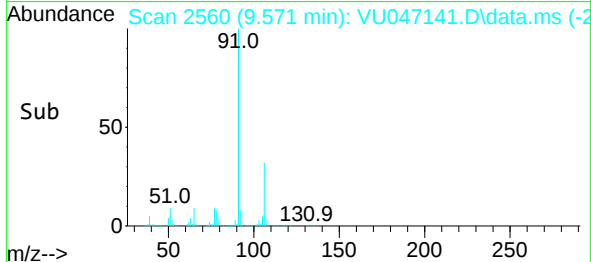
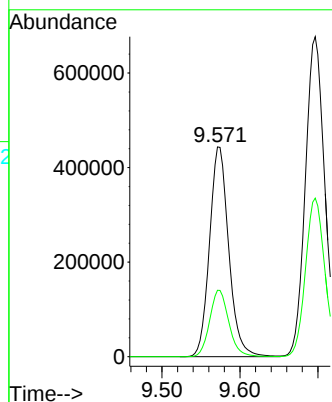
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 91 Resp: 760438
Ion Ratio Lower Upper
91 100
106 31.6 24.4 36.6

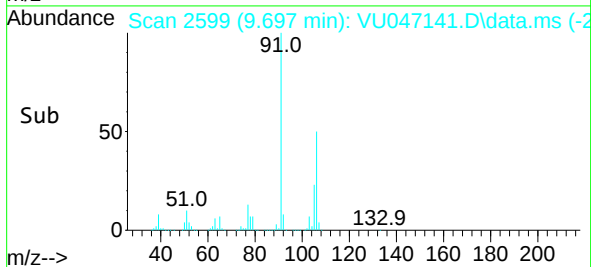
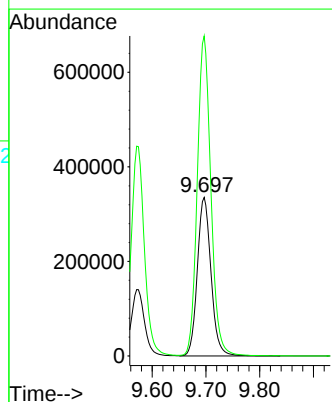
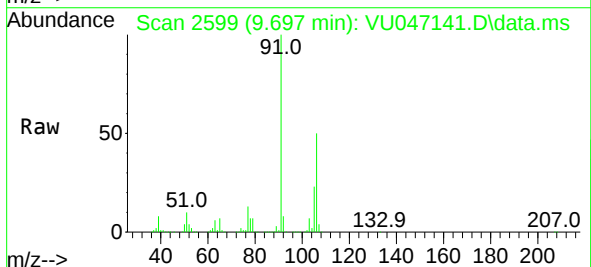
Manual Integrations
APPROVED

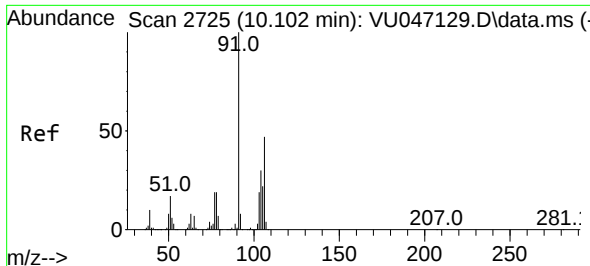
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#64
m/p-Xylenes
Concen: 21.221 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

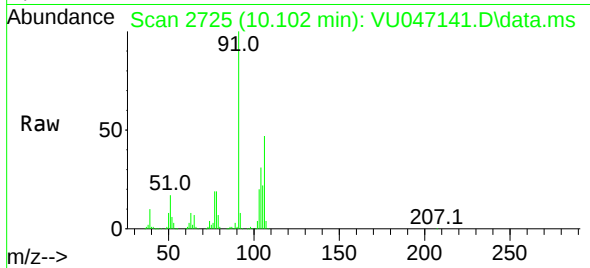
Tgt Ion:106 Resp: 590444
Ion Ratio Lower Upper
106 100
91 201.1 165.5 248.3





#65
o-Xylene
Concen: 10.640 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

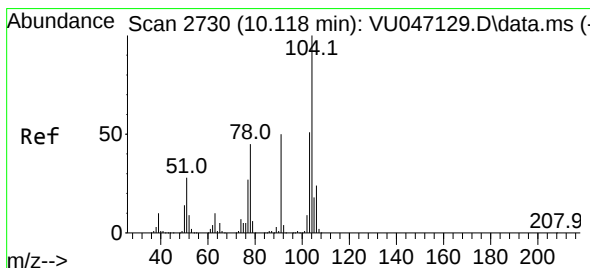
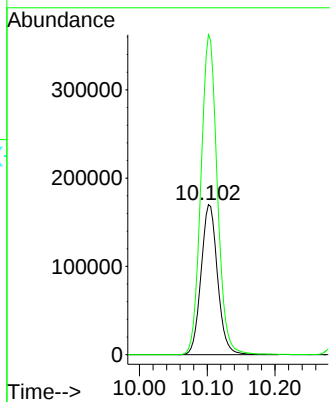
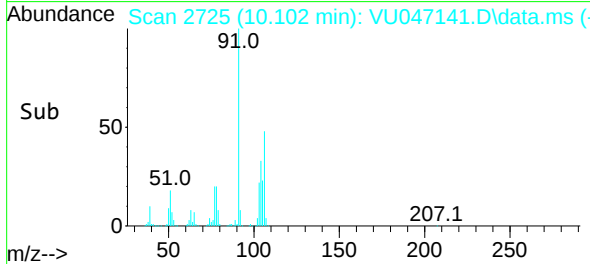
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:106 Resp: 286783
Ion Ratio Lower Upper
106 100
91 212.6 109.4 328.2

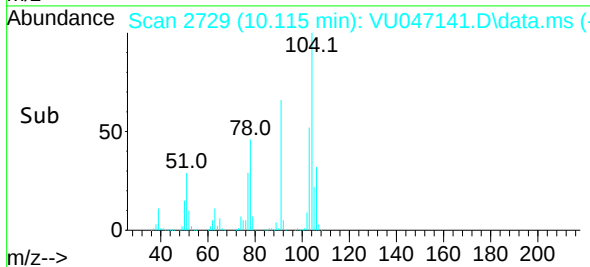
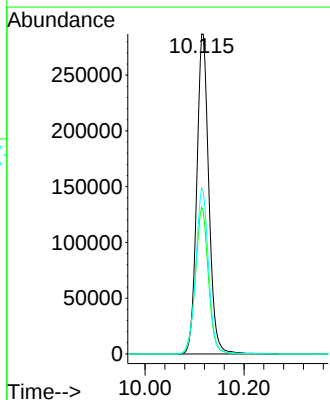
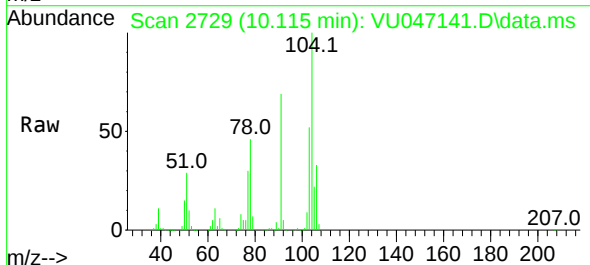
Manual Integrations
APPROVED

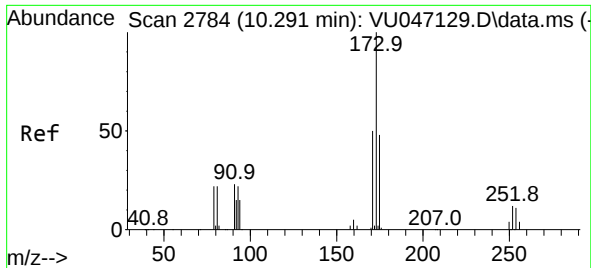
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#66
Styrene
Concen: 10.665 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

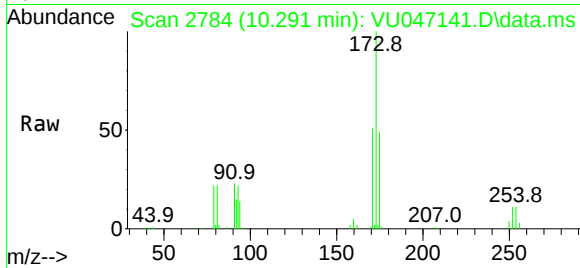
Tgt Ion:104 Resp: 487888
Ion Ratio Lower Upper
104 100
78 49.4 42.4 63.6
103 54.7 44.2 66.4





#67
Bromoform
Concen: 10.499 ug/l
RT: 10.291 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

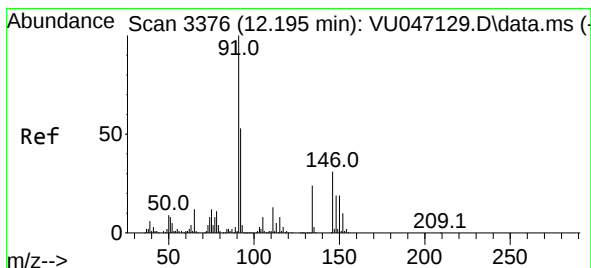
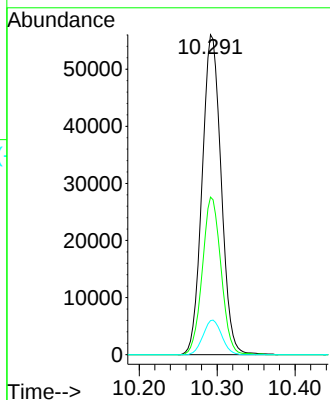
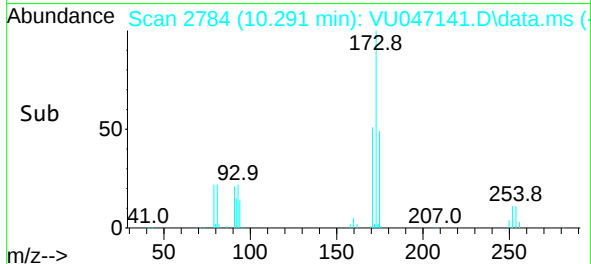
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:173 Resp: 95094
Ion Ratio Lower Upper
173 100
175 48.3 39.0 58.4
254 10.6 5.5 8.3

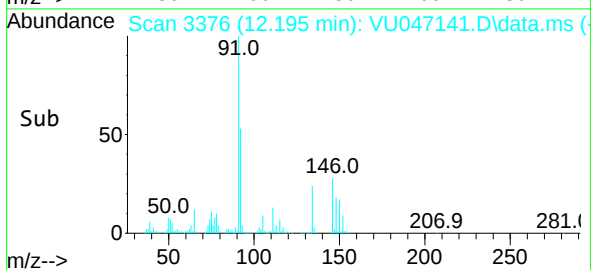
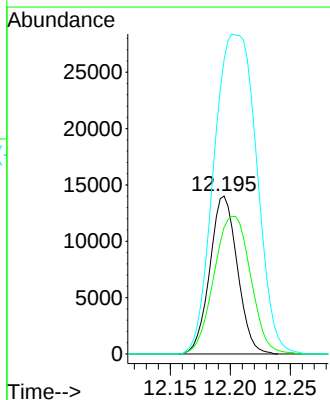
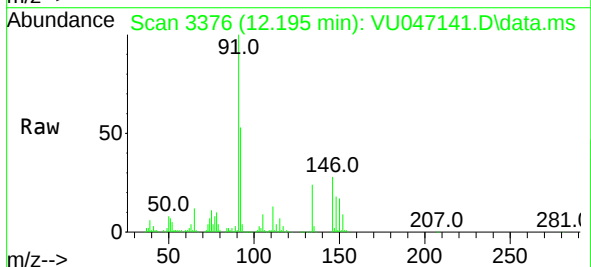
Manual Integrations
APPROVED

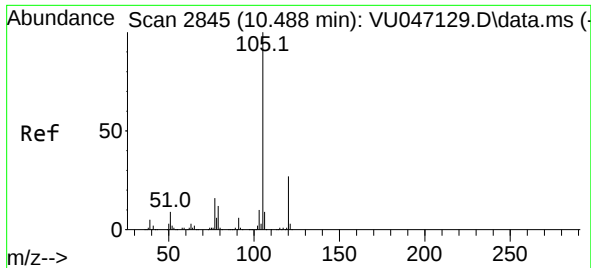
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#68
1,2-Dichlorobenzene-d4
Concen: 0.989 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

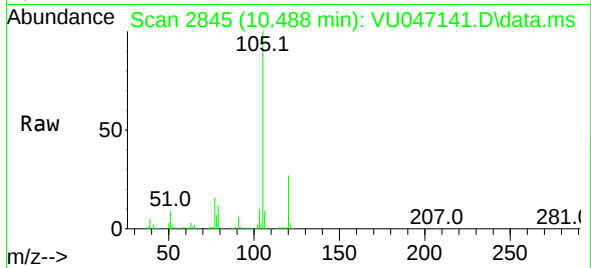
Tgt Ion:152 Resp: 22360
Ion Ratio Lower Upper
152 100
115 116.0 0.0 251.0
150 314.4 0.0 613.8





#69
Isopropylbenzene
Concen: 10.554 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

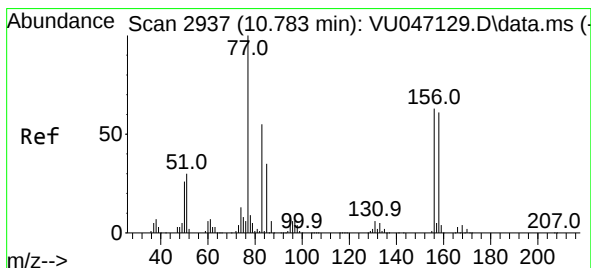
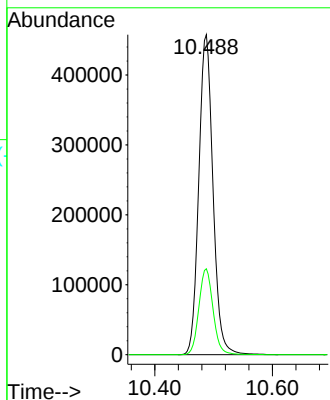
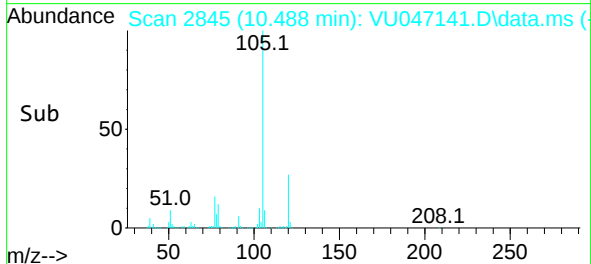
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:105 Resp: 765029
Ion Ratio Lower Upper
105 100
120 26.8 12.8 38.4

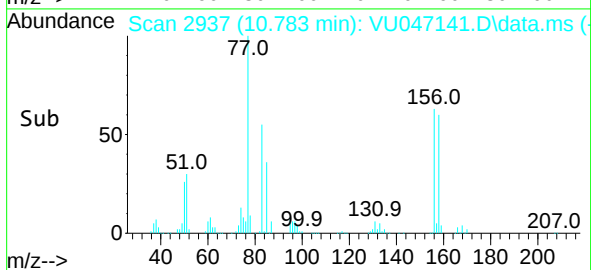
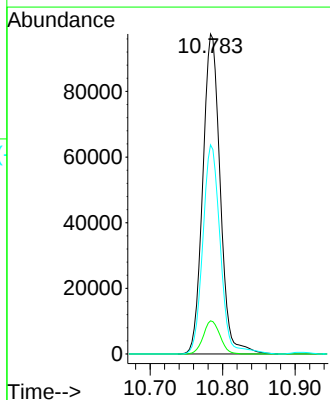
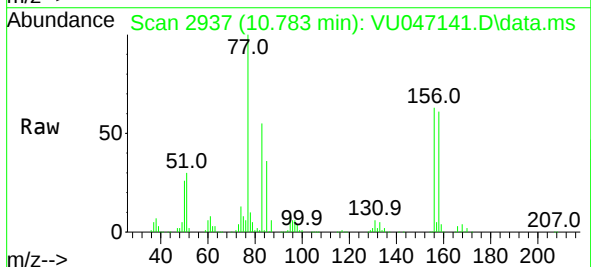
Manual Integrations
APPROVED

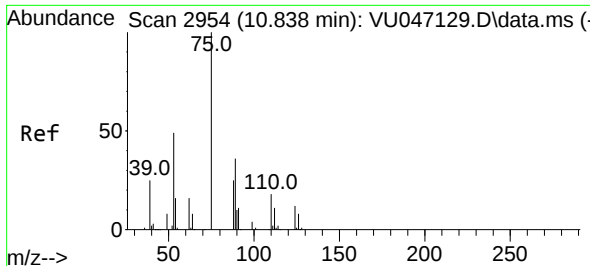
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#70
1,1,2,2-Tetrachloroethane
Concen: 10.221 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

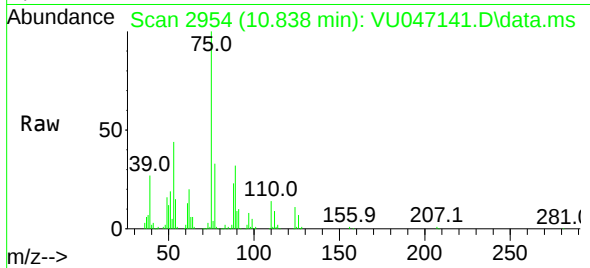
Tgt Ion: 83 Resp: 162450
Ion Ratio Lower Upper
83 100
131 9.9 7.6 11.4
85 65.5 50.9 76.3





#71
1,2,3-Trichloropropane
Concen: 10.543 ug/l m
RT: 10.838 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

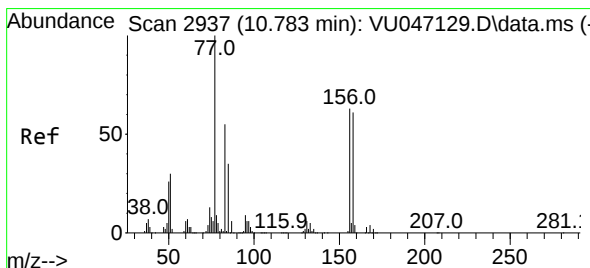
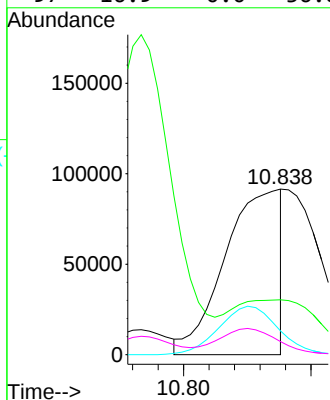
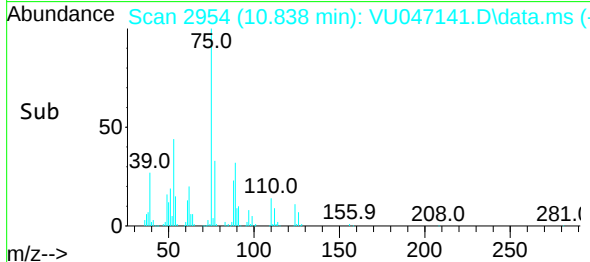
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



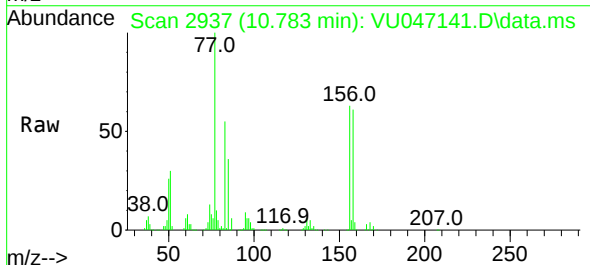
Tgt Ion: 75 Resp: 141427
Ion Ratio Lower Upper
75 100
77 48.7 0.0 105.6
110 30.8 0.0 71.2
97 16.9 0.0 36.8

Manual Integrations
APPROVED

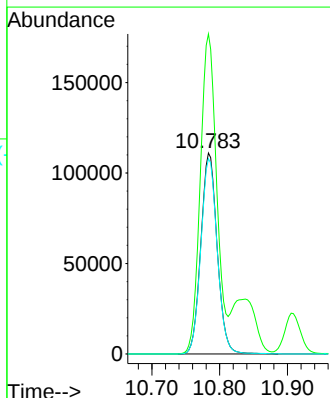
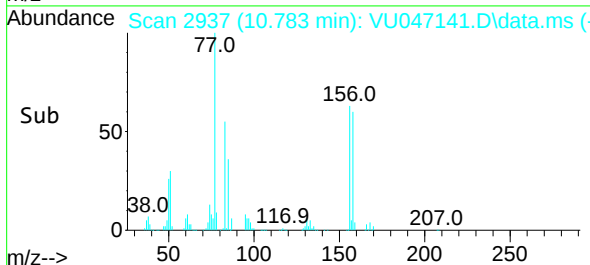
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

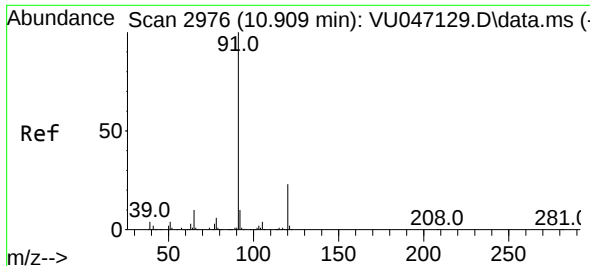


#72
Bromobenzene
Concen: 10.478 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22



Tgt Ion:156 Resp: 185499
Ion Ratio Lower Upper
156 100
77 159.9 0.0 370.6
158 97.7 0.0 193.4





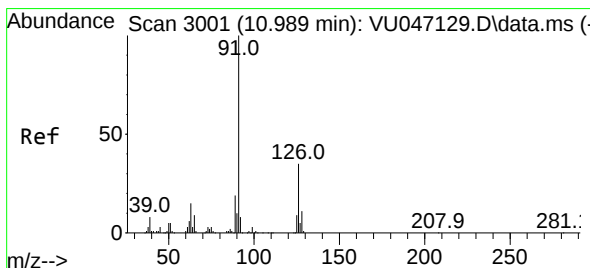
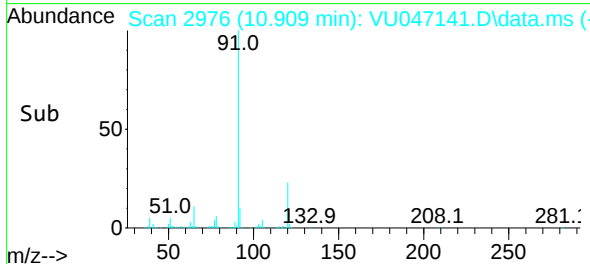
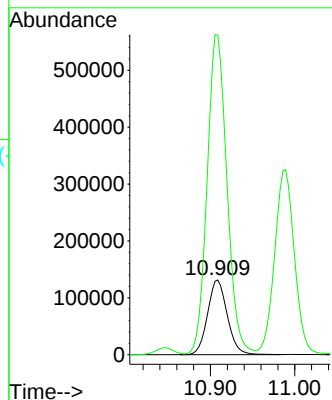
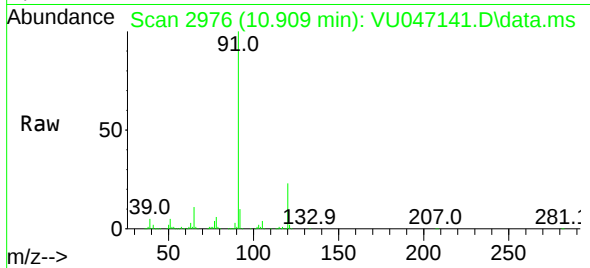
#73
n-propylbenzene
Concen: 10.709 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:120 Resp: 213702
Ion Ratio Lower Upper
120 100
91 432.3 370.7 556.1

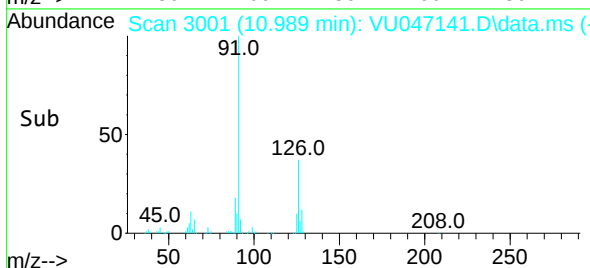
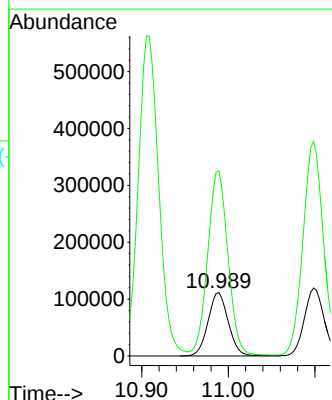
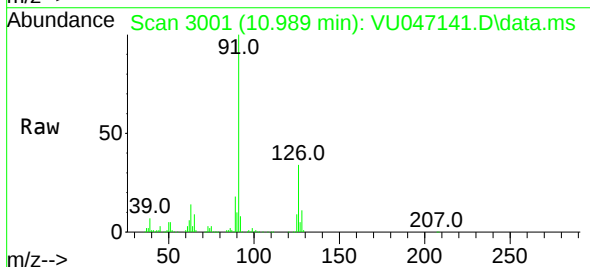
Manual Integrations
APPROVED

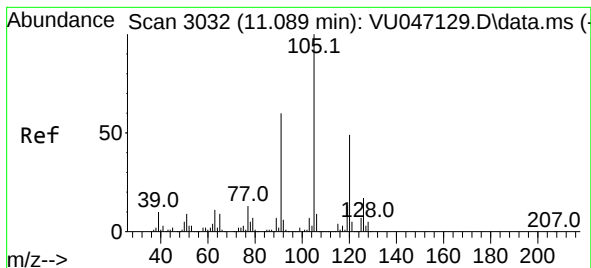
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#74
2-Chlorotoluene
Concen: 10.641 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

Tgt Ion:126 Resp: 181024
Ion Ratio Lower Upper
126 100
91 294.6 0.0 639.6





#75

1,3,5-Trimethylbenzene

Concen: 10.592 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU047141.D

Acq: 14 Feb 2022 19:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 629654

Ion Ratio Lower Upper

105 100

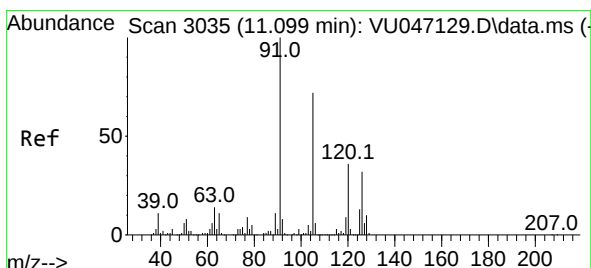
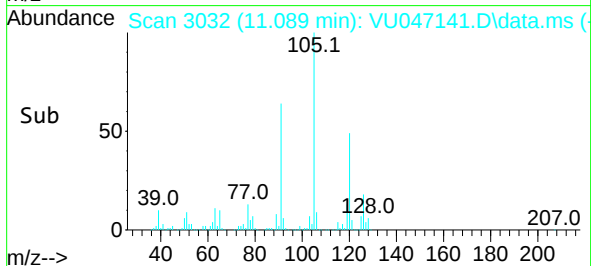
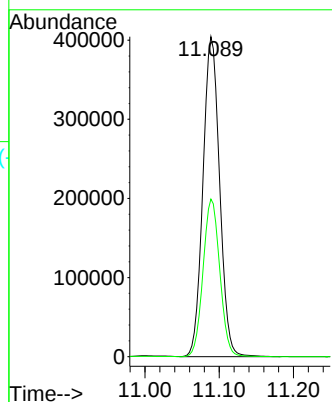
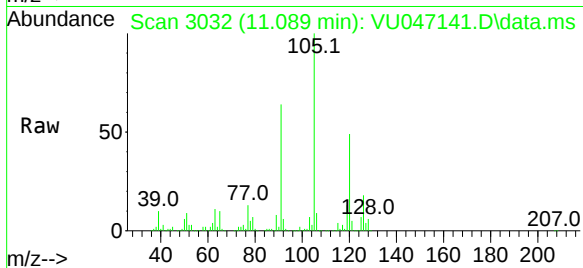
120 49.4 38.6 58.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#76

4-Chlorotoluene

Concen: 10.663 ug/l

RT: 11.098 min Scan# 3035

Delta R.T. -0.000 min

Lab File: VU047141.D

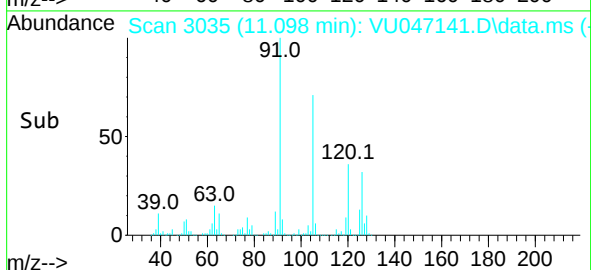
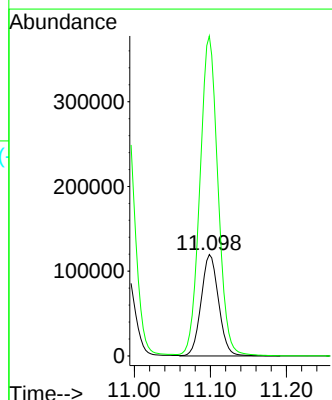
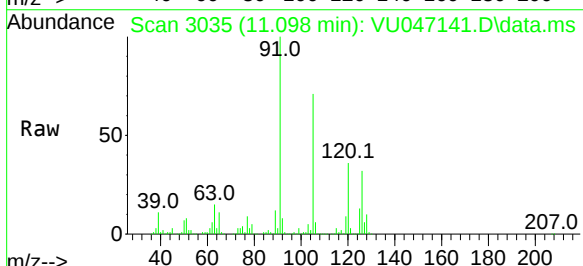
Acq: 14 Feb 2022 19:22

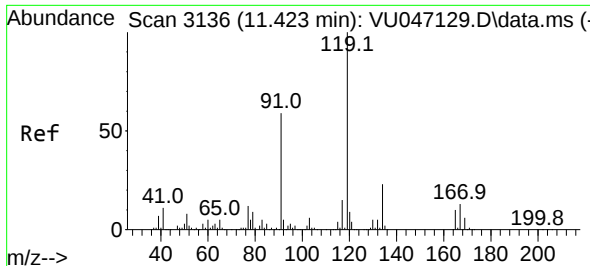
Tgt Ion:126 Resp: 190591

Ion Ratio Lower Upper

126 100

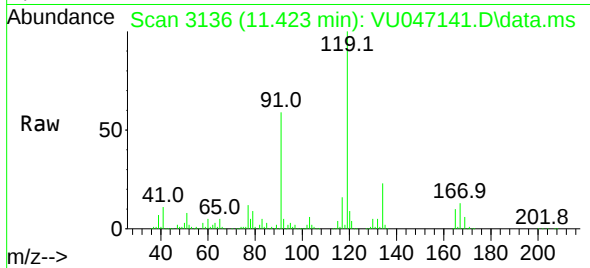
91 327.0 0.0 728.0





#77
tert-Butylbenzene
Concen: 10.689 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

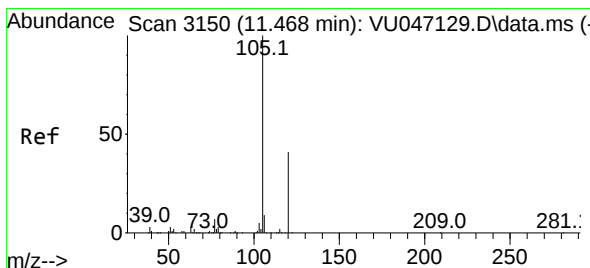
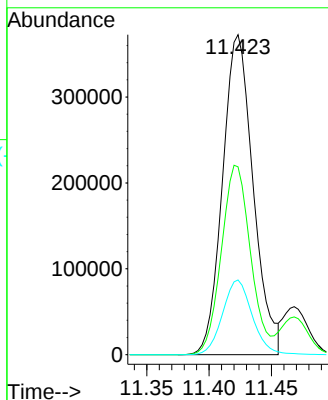
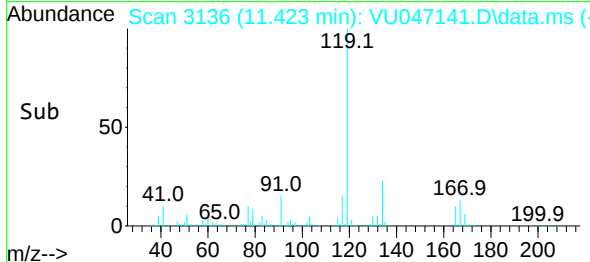
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



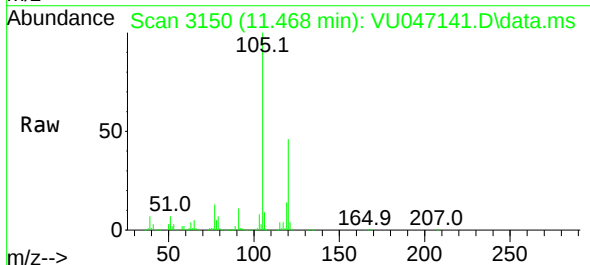
Tgt Ion:119 Resp: 637608
Ion Ratio Lower Upper
119 100
91 56.2 31.4 94.3
134 22.7 18.5 27.7

Manual Integrations
APPROVED

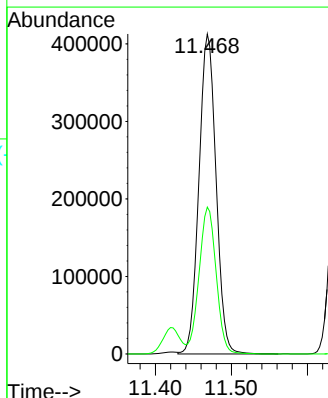
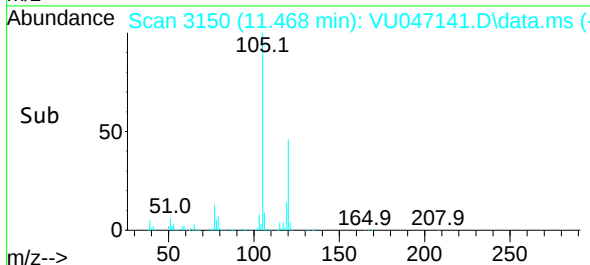
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

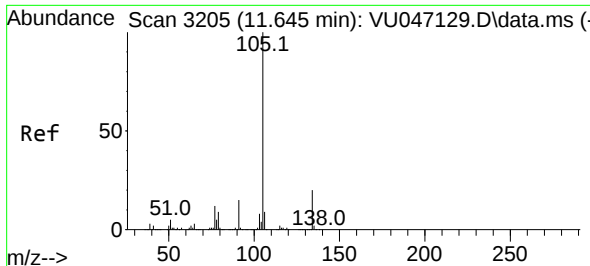


#78
1,2,4-Trimethylbenzene
Concen: 10.613 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22



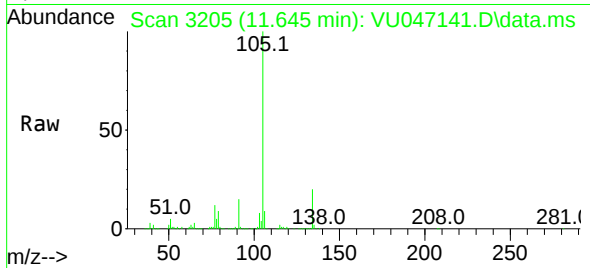
Tgt Ion:105 Resp: 643901
Ion Ratio Lower Upper
105 100
120 46.1 22.3 66.8





#79
 sec-Butylbenzene
 Concen: 10.743 ug/l
 RT: 11.645 min Scan# 3205
 Delta R.T. -0.000 min
 Lab File: VU047141.D
 Acq: 14 Feb 2022 19:22

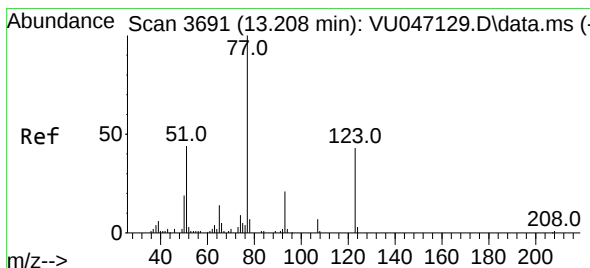
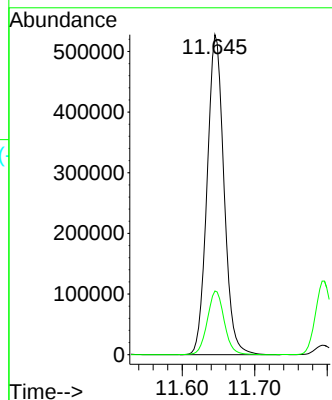
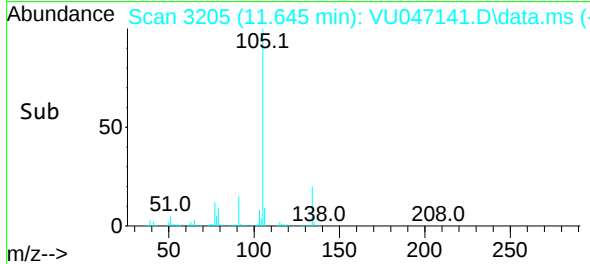
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:105 Resp: 85095
 Ion Ratio Lower Upper
 105 100
 134 20.0 15.4 23.0

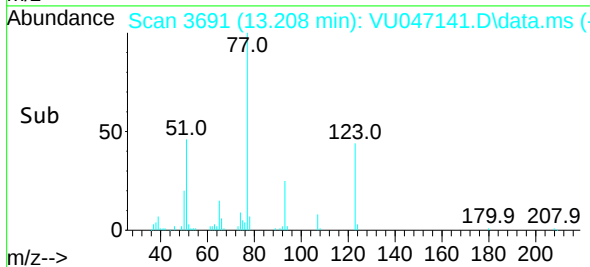
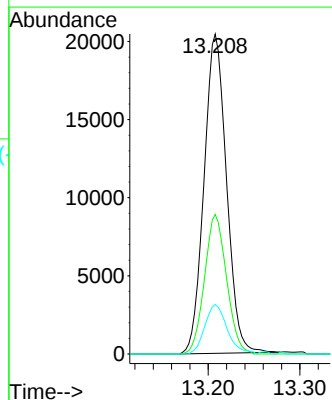
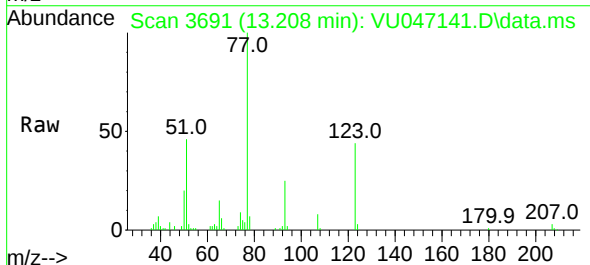
Manual Integrations
 APPROVED

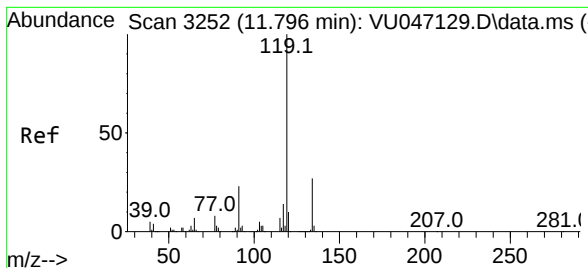
Reviewed By :John Carlone 02/24/2022
 Supervised By :Mahesh Dadoda 02/24/2022



#80
 Nitrobenzene
 Concen: 45.295 ug/l
 RT: 13.208 min Scan# 3691
 Delta R.T. -0.000 min
 Lab File: VU047141.D
 Acq: 14 Feb 2022 19:22

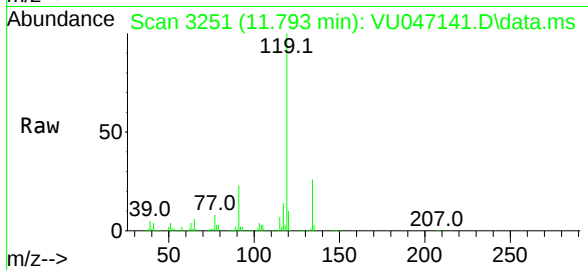
Tgt Ion: 77 Resp: 34757
 Ion Ratio Lower Upper
 77 100
 123 42.8 18.2 64.4
 65 15.4 12.0 15.2#





#81
p-Isopropyltoluene
Concen: 10.718 ug/l
RT: 11.793 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

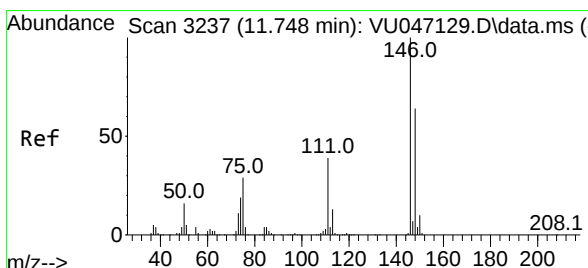
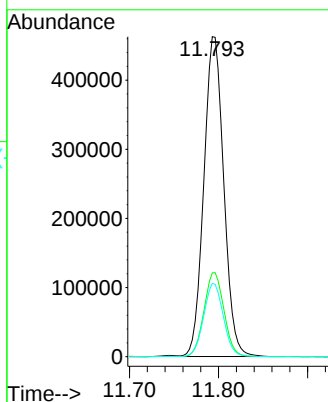
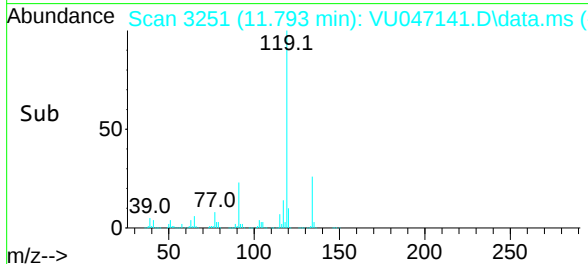
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



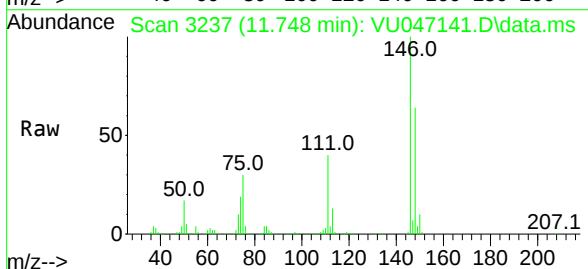
Tgt Ion:119 Resp: 718345
Ion Ratio Lower Upper
119 100
134 26.4 20.2 30.4
91 22.7 19.9 29.9

Manual Integrations
APPROVED

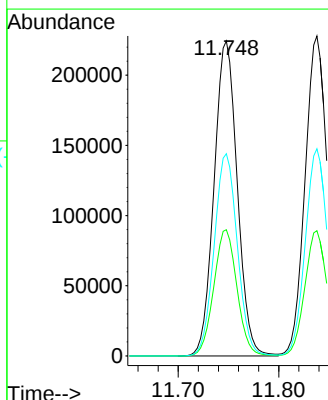
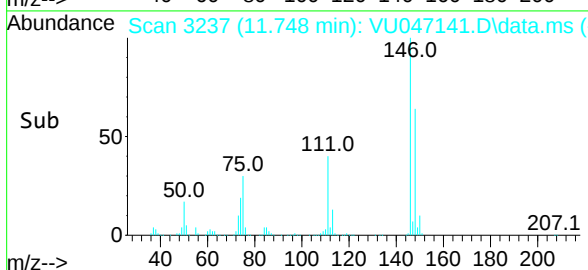
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

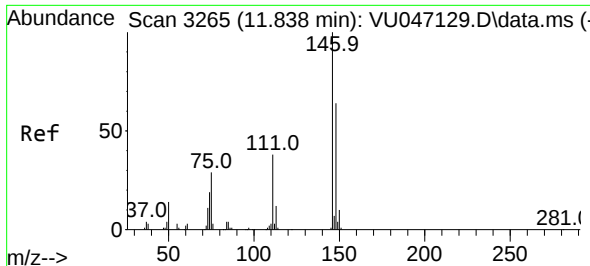


#82
1,3-Dichlorobenzene
Concen: 10.444 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22



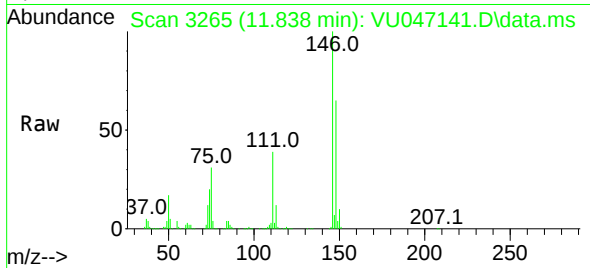
Tgt Ion:146 Resp: 359925
Ion Ratio Lower Upper
146 100
111 40.1 33.9 50.9
148 64.2 50.9 76.3





#83
1,4-Dichlorobenzene
Concen: 10.333 ug/l
RT: 11.838 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

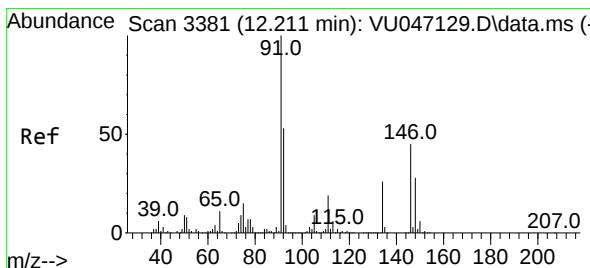
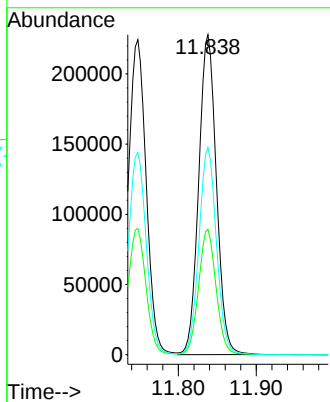
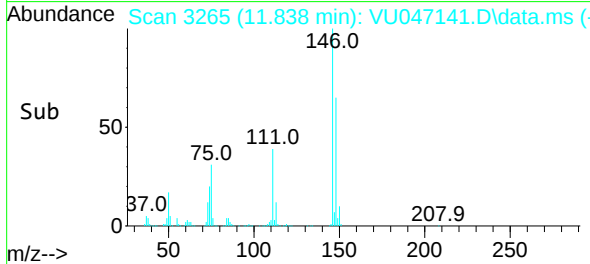
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



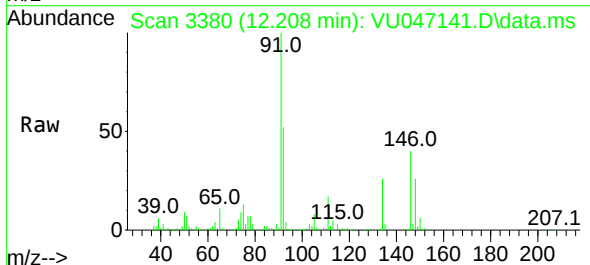
Tgt Ion:146 Resp: 35872
Ion Ratio Lower Upper
146 100
111 38.9 32.7 49.1
148 64.6 51.4 77.0

Manual Integrations
APPROVED

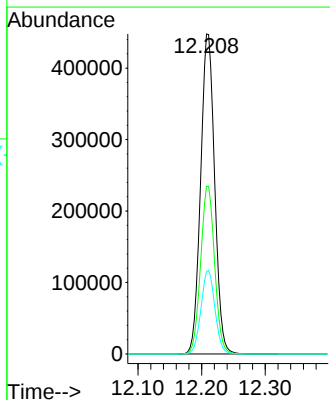
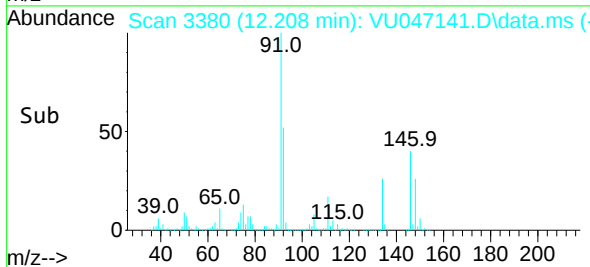
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

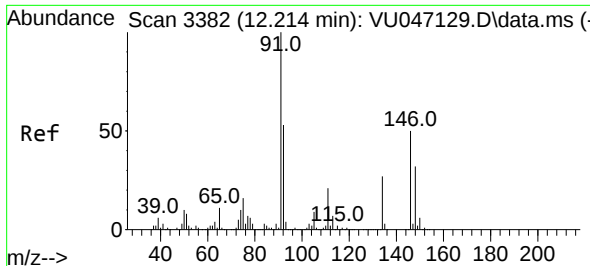


#84
n-Butylbenzene
Concen: 10.655 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. -0.003 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22



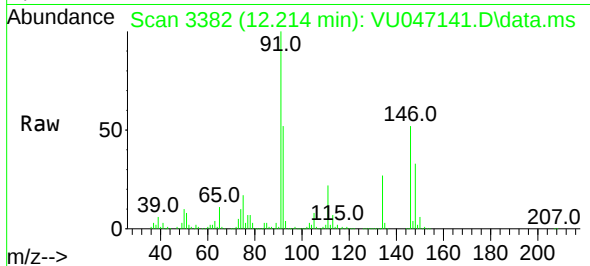
Tgt Ion: 91 Resp: 685767
Ion Ratio Lower Upper
91 100
92 52.3 43.5 65.3
134 26.0 19.0 28.4





#85
1,2-Dichlorobenzene
Concen: 10.252 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

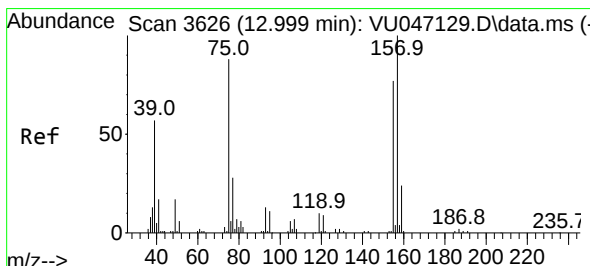
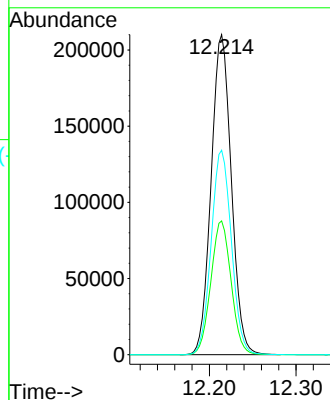
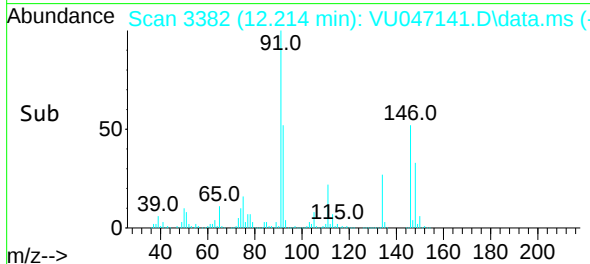
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



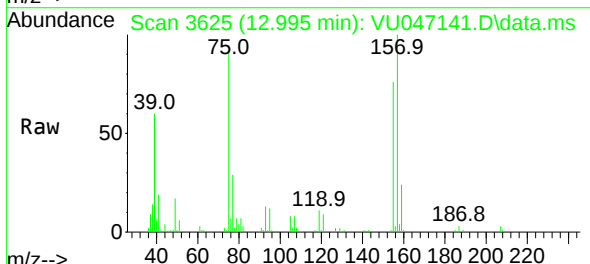
Tgt Ion:146 Resp: 340100
Ion Ratio Lower Upper
146 100
111 41.9 22.1 66.1
148 64.2 31.6 94.7

Manual Integrations
APPROVED

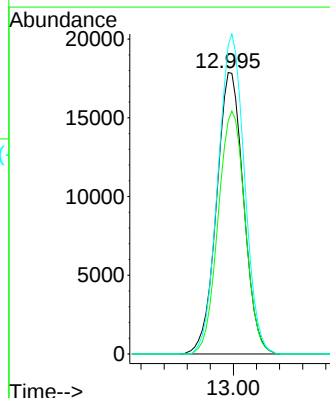
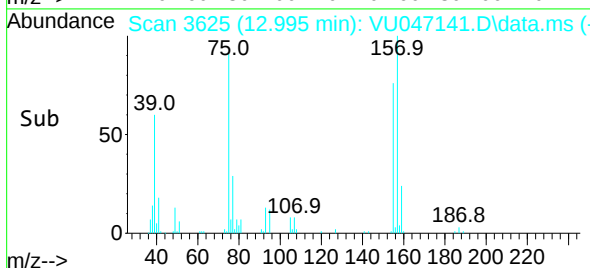
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

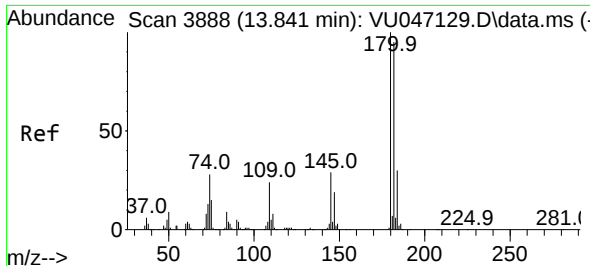


#86
1,2-Dibromo-3-Chloropropane
Concen: 9.966 ug/l
RT: 12.995 min Scan# 3625
Delta R.T. -0.003 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22



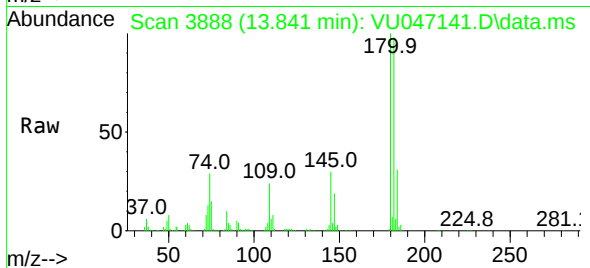
Tgt Ion: 75 Resp: 29044
Ion Ratio Lower Upper
75 100
155 85.6 57.8 86.8
157 111.4 75.1 112.7





#87
1,2,4-Trichlorobenzene
Concen: 10.303 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

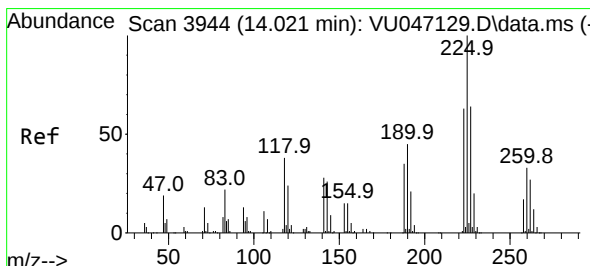
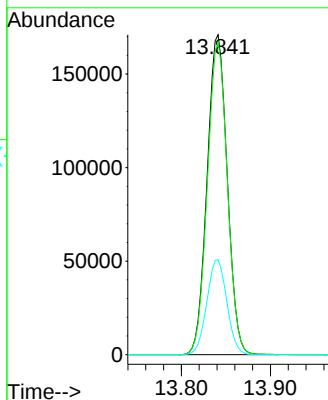
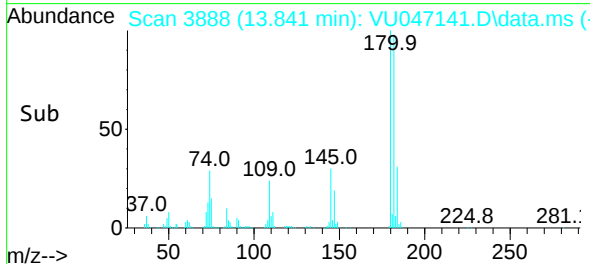
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



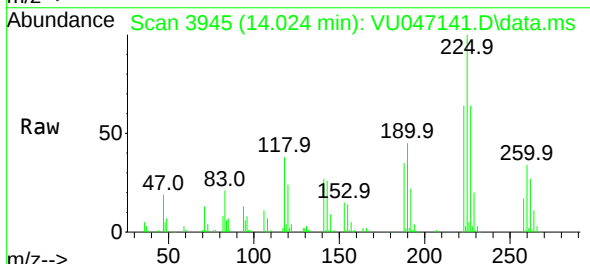
Tgt Ion:180 Resp: 268370
Ion Ratio Lower Upper
180 100
182 96.5 75.8 113.8
145 29.5 25.3 37.9

Manual Integrations
APPROVED

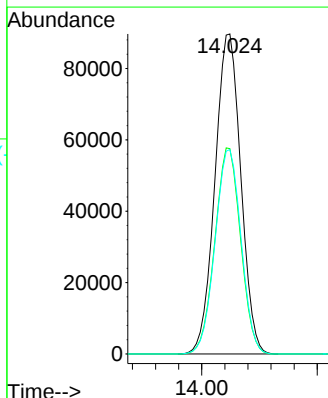
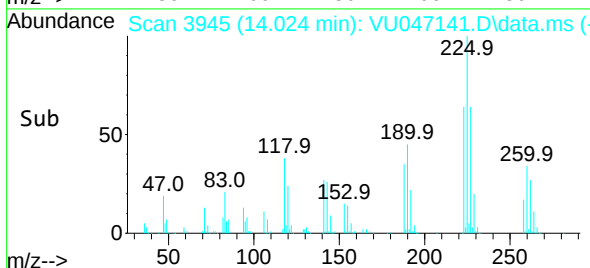
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

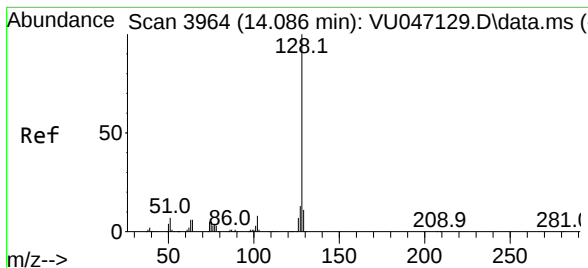


#88
Hexachlorobutadiene
Concen: 10.469 ug/l
RT: 14.024 min Scan# 3945
Delta R.T. 0.003 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22



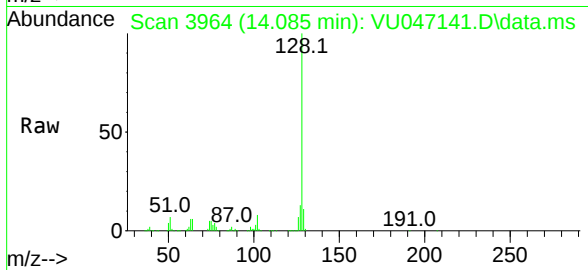
Tgt Ion:225 Resp: 139417
Ion Ratio Lower Upper
225 100
223 64.2 51.1 76.7
227 64.2 49.9 74.9





#89
Naphthalene
Concen: 10.588 ug/l
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

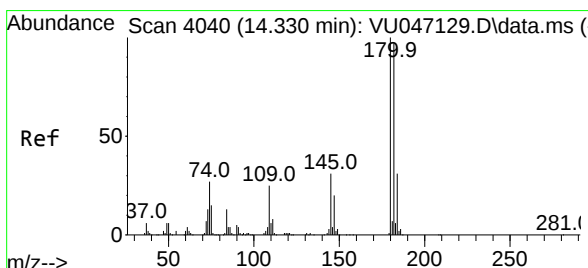
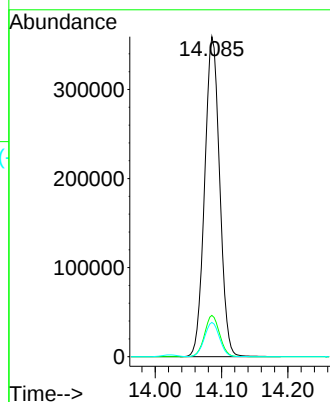
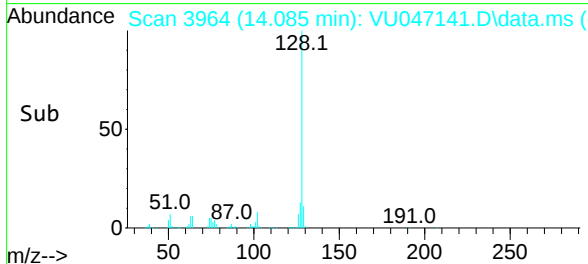
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:128 Resp: 564915
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#90
1,2,3-Trichlorobenzene
Concen: 11.098 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU047141.D
Acq: 14 Feb 2022 19:22

Tgt Ion:180 Resp: 259300
Ion Ratio Lower Upper
180 100
182 95.7 75.4 113.0
145 31.5 27.0 40.4

