

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022122\
 Data File : VU047223.D
 Acq On : 21 Feb 2022 10:18
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/22/2022
 Supervised By : Mahesh Dadoda 02/22/2022

Quant Time: Feb 22 03:57:19 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	54508	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	20381	0.965	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	20925	0.952	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	181455	9.984	ug/l	99
3) Chloromethane	1.523	50	277257	14.854	ug/l	100
4) Vinyl Chloride	1.610	62	180262	9.783	ug/l	100
5) Bromomethane	1.864	94	51098	4.245	ug/l	99
6) Chloroethane	1.941	64	106141	10.026	ug/l	100
7) Trichlorofluoromethane	2.147	101	235105	10.825	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	130470	10.422	ug/l	92
9) 1,1-Dichloroethene	2.591	96	130241	10.109	ug/l	94
10) Iodomethane	2.729	142	57814	4.330	ug/l	100
11) Allyl Chloride	2.932	41	181633	9.044	ug/l	96
12) Acrylonitrile	3.334	53	69266	18.316	ug/l	92
13) Acetone	2.662	43	143569	60.787	ug/l	98
14) Carbon Disulfide	2.803	76	417652	9.584	ug/l	100
15) Methylene Chloride	3.054	84	153930	10.638	ug/l	97
16) trans-1,2-Dichloroethene	3.359	96	138906	10.215	ug/l	99
17) 1,1-Dichloroethane	3.877	63	246974	9.913	ug/l	100
18) 2-Butanone	4.729	43	224615	58.959	ug/l	97
19) Cyclohexane	5.395	56	222777m	9.652	ug/l	
20) Methylcyclohexane	6.768	83	257859	10.135	ug/l	96
21) 2,2-Dichloropropane	4.671	77	231279	10.388	ug/l	97
22) cis-1,2-Dichloroethene	4.674	96	155839	9.965	ug/l	95
23) Diethyl Ether	2.382	59	104867	10.071	ug/l	97
24) tert-Butyl Alcohol	3.305	59	68249	100.780	ug/l	97
25) Methyl tert-Butyl Ether	3.372	73	360997	9.991	ug/l	96
26) Bromochloromethane	4.983	128	64421	9.160	ug/l	88
27) Chloroform	5.096	83	251736	9.958	ug/l	99
28) 1,1,1-Trichloroethane	5.324	97	224226	10.245	ug/l	97
29) 1,1-Dichloropropene	5.530	75	203507	10.158	ug/l	98
30) Carbon Tetrachloride	5.530	117	196251	10.199	ug/l	99
31) Isopropyl Ether	4.002	45	393389	9.872	ug/l	98
32) Ethyl-t-butyl ether	4.510	59	410540	10.135	ug/l	98
33) Tert-Amyl methyl ether	5.948	73	379754	10.179	ug/l	98
34) Propionitrile	4.809	54	68768	58.971	ug/l	# 1
35) Benzene	5.780	78	568665	10.129	ug/l	100
36) 1,2-Dichloroethane	5.800	62	173373	10.199	ug/l	100
37) Trichloroethene	6.546	130	162446	10.450	ug/l	92
38) 1,2-Dichloropropane	6.797	63	147754	9.945	ug/l	98
39) Methacrylonitrile	4.983	41	54512	10.645	ug/l	99
40) Methyl acrylate	4.854	55	101493	11.726	ug/l	98
41) Tetrahydrofuran	5.076	42	55358	21.222	ug/l	98
42) 1-Chlorobutane	5.465	56	268557	9.984	ug/l	99
43) Dibromomethane	6.925	93	82891	10.345	ug/l	91
44) Bromodichloromethane	7.112	83	192160	10.140	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	520211	48.004	ug/l	99
46) t-1,4-Dichloro-2-butene	10.841	75	87506m	18.550	ug/l	
47) Methyl methacrylate	6.967	69	167980	19.990	ug/l	94
48) Ethyl methacrylate	8.337	69	171183	10.050	ug/l	93
49) Toluene	7.973	92	368781	10.183	ug/l	98
50) t-1,3-Dichloropropene	8.214	75	208118	10.146	ug/l	100
51) cis-1,3-Dichloropropene	7.610	75	232337	10.104	ug/l	97
52) 1,1,2-Trichloroethane	8.404	97	116868	10.223	ug/l	99
53) 1,3-Dichloropropane	8.581	76	200485	9.816	ug/l	99
54) 2-Hexanone	8.690	43	379531	47.010	ug/l	99
55) Dibromochloromethane	8.813	129	139326	10.025	ug/l	98
56) 1,2-Dibromoethane	8.928	107	118141	10.226	ug/l	97
58) Tetrachloroethene	8.555	164	148429	10.348	ug/l	97
59) Chlorobenzene	9.449	112	407945	10.103	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.539	131	144030	10.378	ug/l	99
61) Pentachloroethane	11.430	117	115112	10.926	ug/l	84
62) Hexachloroethane	12.478	117	105852	9.306	ug/l #	79
63) Ethyl Benzene	9.575	91	709473	9.995	ug/l	99
64) m/p-Xylenes	9.697	106	544593	20.128	ug/l	97
65) o-Xylene	10.102	106	262816	10.027	ug/l	97
66) Styrene	10.118	104	446017	10.026	ug/l	98
67) Bromoform	10.295	173	82677	9.387	ug/l #	98
69) Isopropylbenzene	10.488	105	707156	10.032	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.787	83	156798	10.145	ug/l	99
71) 1,2,3-Trichloropropane	10.832	75	123529m	9.470	ug/l	
72) Bromobenzene	10.783	156	174612	10.143	ug/l	86
73) n-propylbenzene	10.909	120	198906	10.250	ug/l	86
74) 2-Chlorotoluene	10.989	126	168867	10.208	ug/l	83
75) 1,3,5-Trimethylbenzene	11.089	105	586259	10.141	ug/l	98
76) 4-Chlorotoluene	11.099	126	179530	10.329	ug/l	81
77) tert-Butylbenzene	11.423	119	595674	10.269	ug/l	93
78) 1,2,4-Trimethylbenzene	11.468	105	594474	10.076	ug/l	97
79) sec-Butylbenzene	11.645	105	779904	10.125	ug/l	98
80) Nitrobenzene	13.208	77	19412	26.015	ug/l	96
81) p-Isopropyltoluene	11.796	119	662884	10.171	ug/l	97
82) 1,3-Dichlorobenzene	11.748	146	341252	10.182	ug/l	98
83) 1,4-Dichlorobenzene	11.838	146	341477	10.115	ug/l	98
84) n-Butylbenzene	12.211	91	639406	10.216	ug/l	97
85) 1,2-Dichlorobenzene	12.214	146	324415	10.056	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.999	75	27689	9.771	ug/l #	78
87) 1,2,4-Trichlorobenzene	13.841	180	258254	10.196	ug/l	98
88) Hexachlorobutadiene	14.025	225	135717	10.480	ug/l	99
89) Naphthalene	14.086	128	503002	9.695	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	234102	10.304	ug/l	97

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

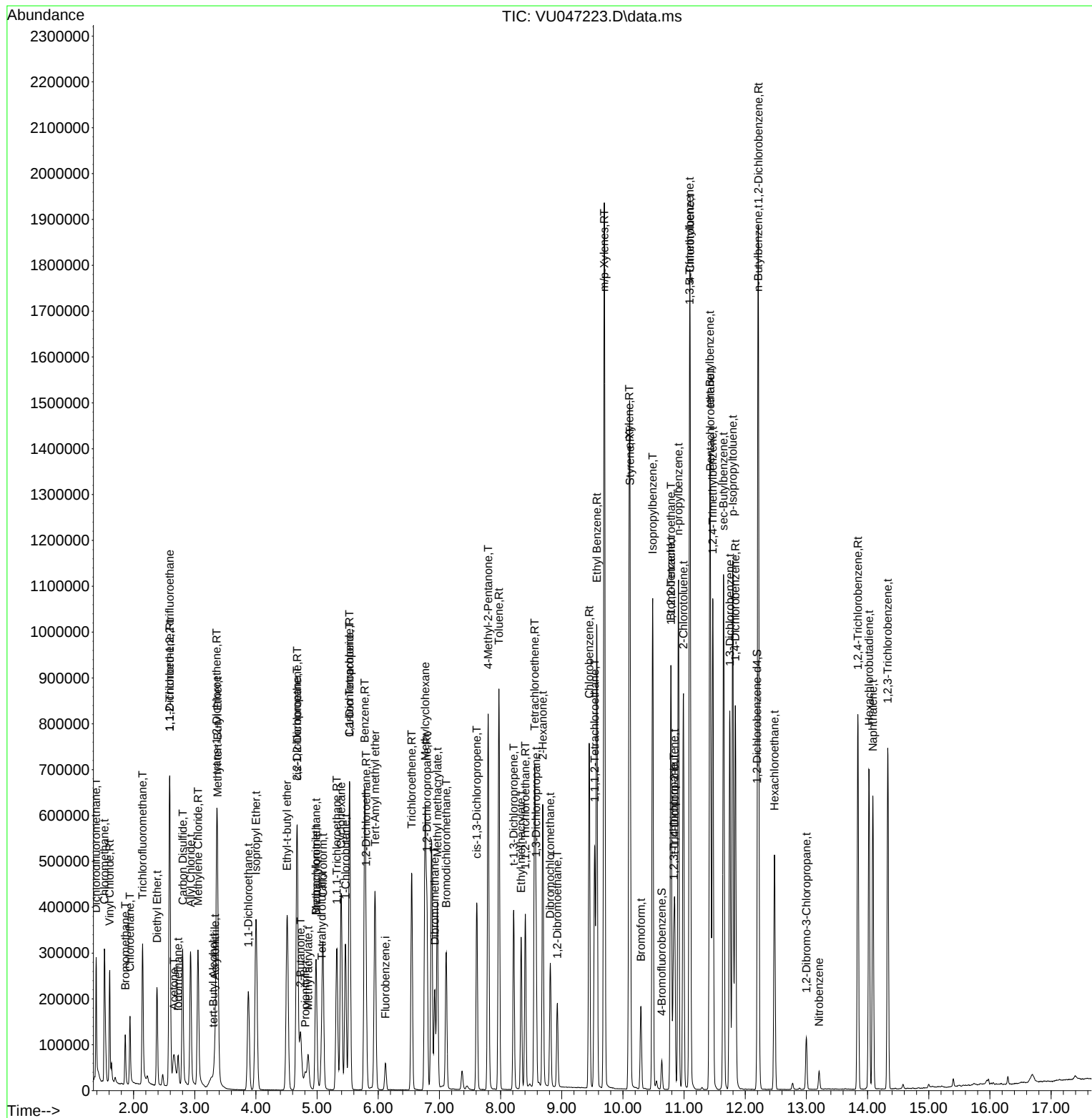
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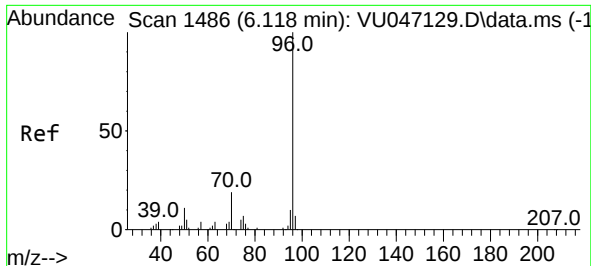
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ClientSampleId :
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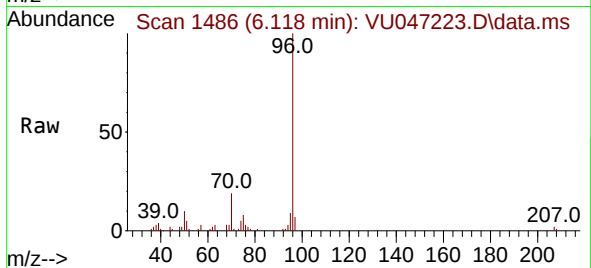
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#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

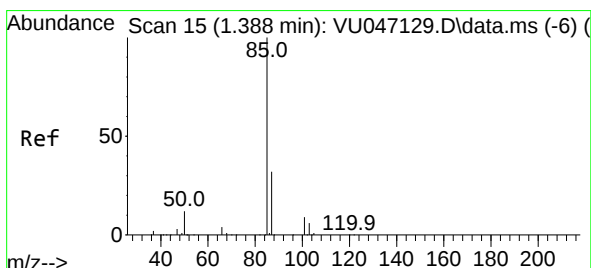
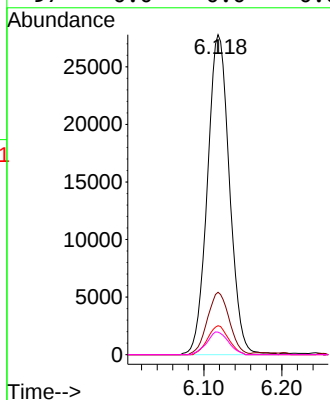
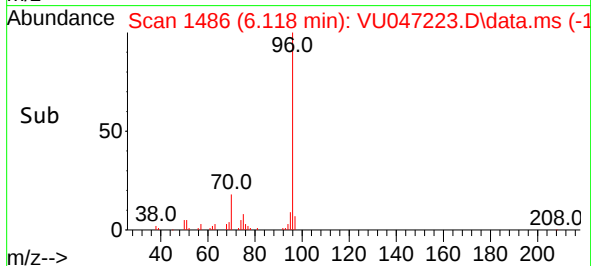
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 96 Resp: 54508
Ion Ratio Lower Upper
96 100
70 19.0 16.8 25.2
95 8.6 7.3 10.9
97 0.0 0.0 0.0

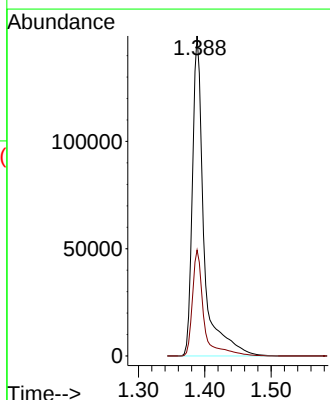
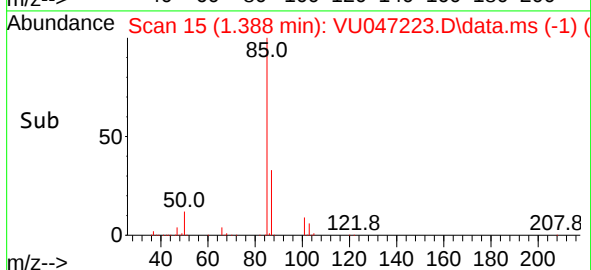
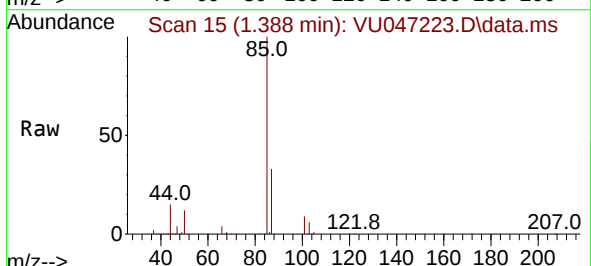
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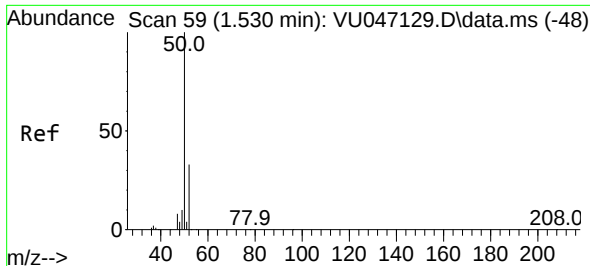
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#2
Dichlorodifluoromethane
Concen: 9.984 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

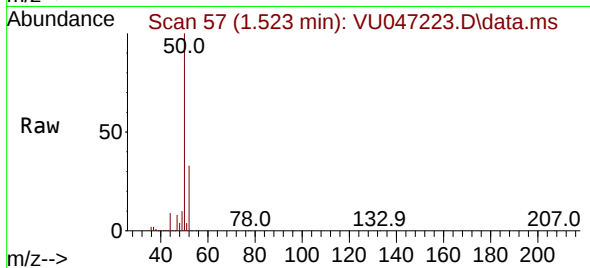
Tgt Ion: 85 Resp: 181455
Ion Ratio Lower Upper
85 100
87 33.1 16.2 48.6





#3
Chloromethane
Concen: 14.854 ug/l
RT: 1.523 min Scan# 51
Delta R.T. -0.006 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

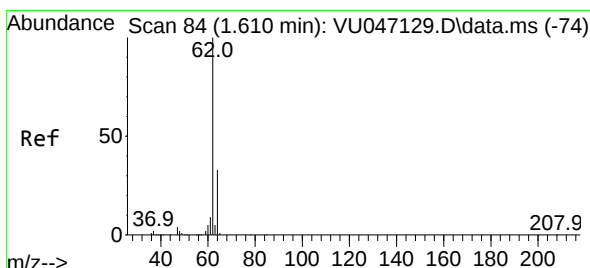
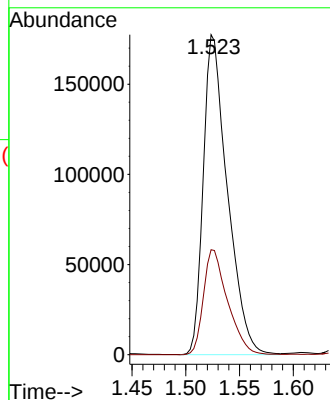
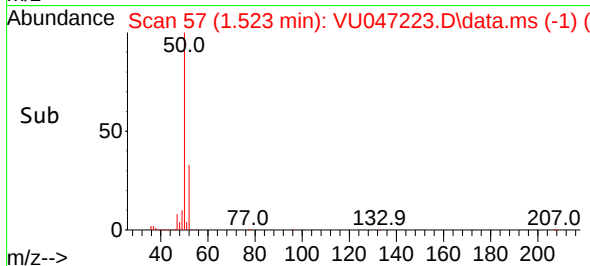
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 27725
Ion Ratio Lower Upper
50 100
52 32.8 26.2 39.4

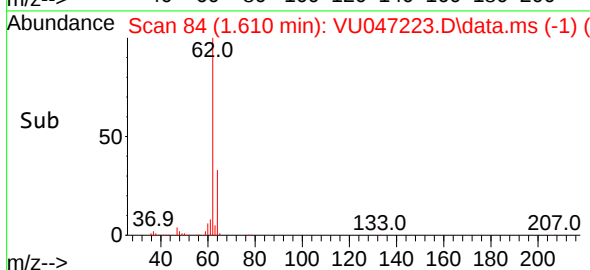
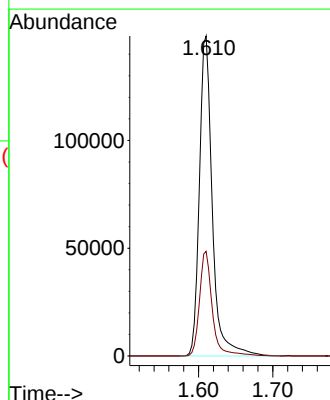
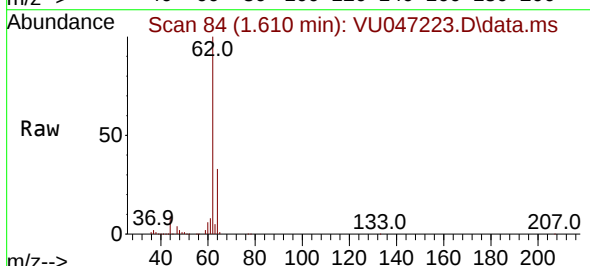
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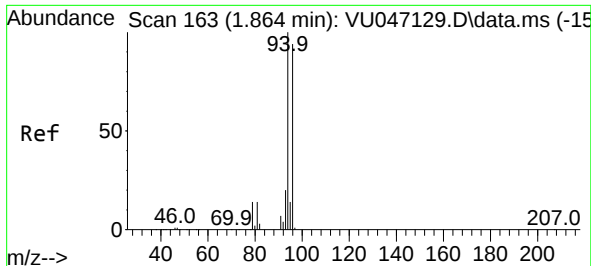
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#4
Vinyl Chloride
Concen: 9.783 ug/l
RT: 1.610 min Scan# 84
Delta R.T. 0.000 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

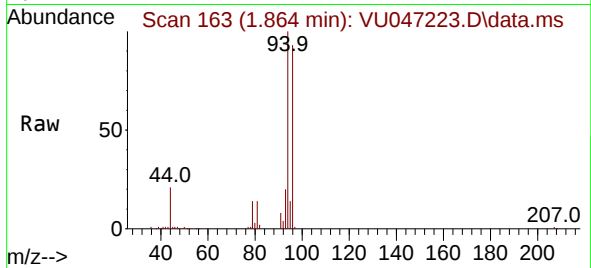
Tgt Ion: 62 Resp: 180262
Ion Ratio Lower Upper
62 100
64 32.7 26.0 39.0





#5
Bromomethane
Concen: 4.245 ug/l
RT: 1.864 min Scan# 163
Delta R.T. 0.000 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

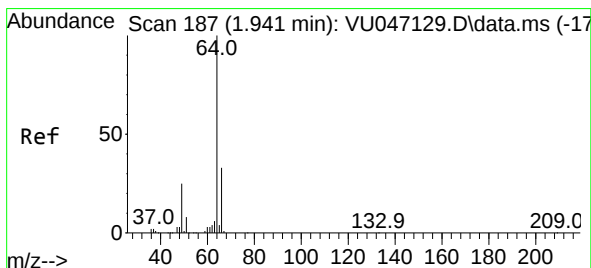
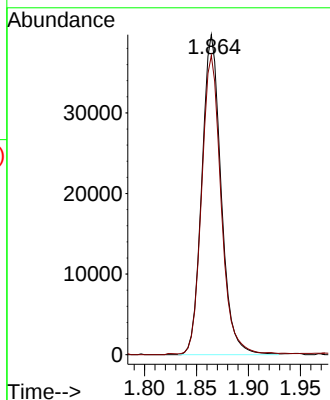
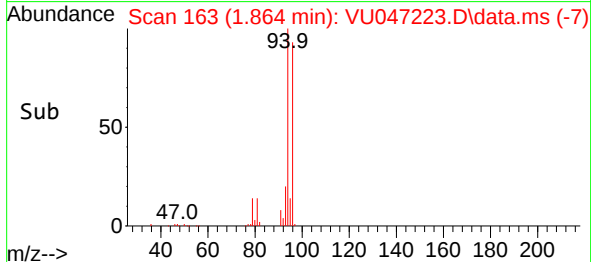
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 51098
Ion Ratio Lower Upper
94 100
96 93.2 75.0 112.4

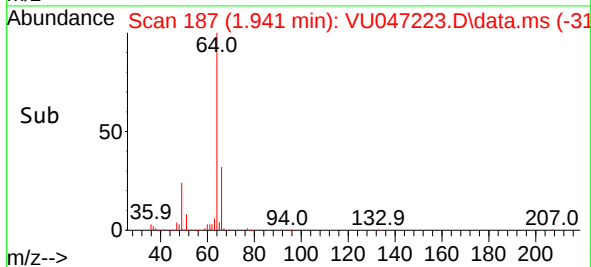
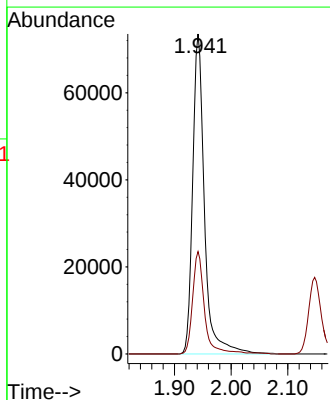
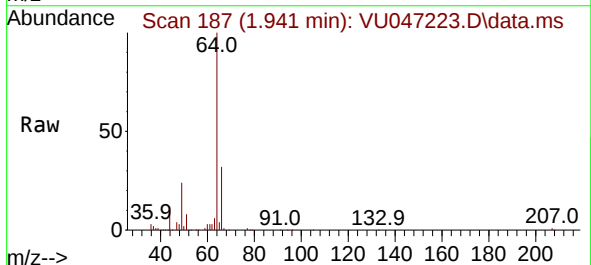
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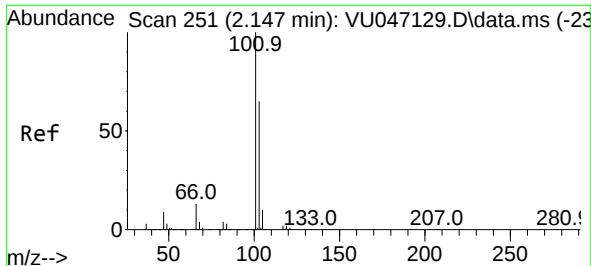
Reviewed By :John Carlone 02/22/2022
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#6
Chloroethane
Concen: 10.026 ug/l
RT: 1.941 min Scan# 187
Delta R.T. 0.000 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

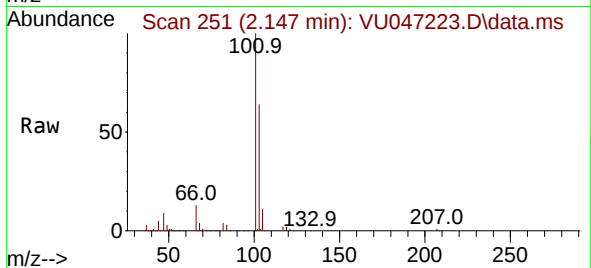
Tgt Ion: 64 Resp: 106141
Ion Ratio Lower Upper
64 100
66 32.0 25.8 38.8





#7
 Trichlorofluoromethane
 Concen: 10.825 ug/l
 RT: 2.147 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU047223.D
 Acq: 21 Feb 2022 10:18

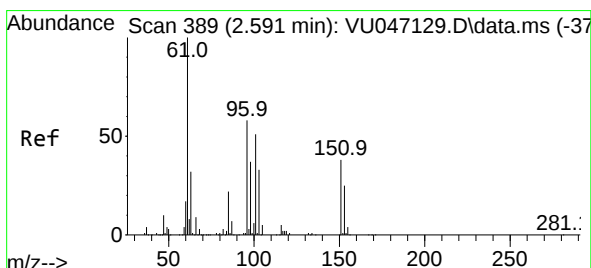
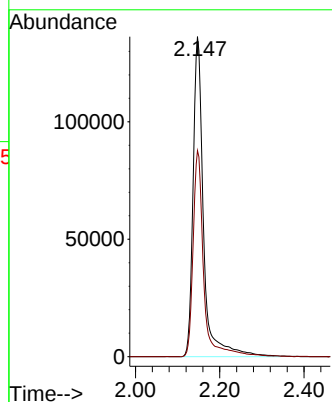
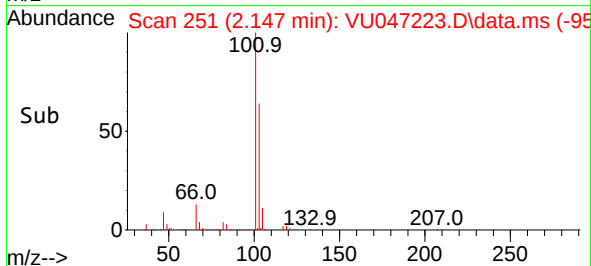
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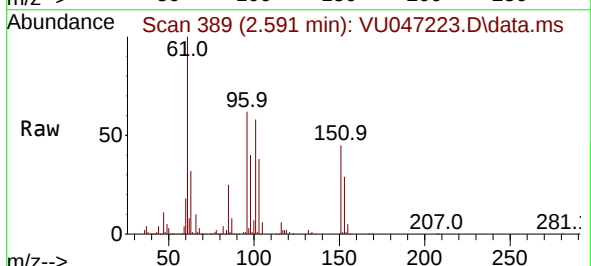
Tgt Ion:101 Resp: 23510
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.2 78.2

Manual Integrations
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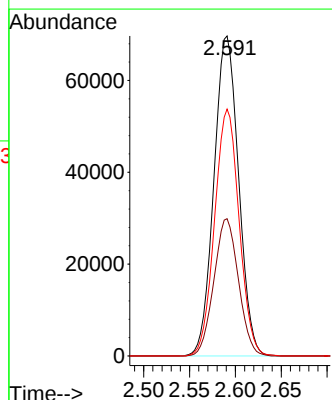
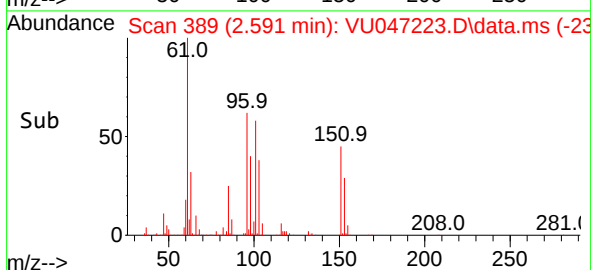
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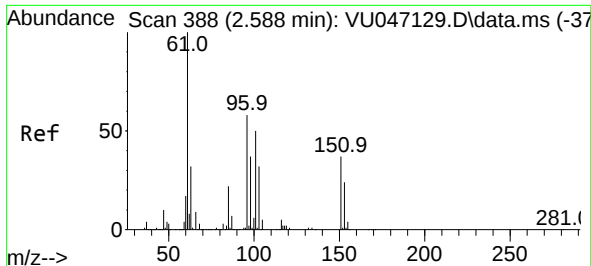


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.422 ug/l
 RT: 2.591 min Scan# 389
 Delta R.T. 0.000 min
 Lab File: VU047223.D
 Acq: 21 Feb 2022 10:18



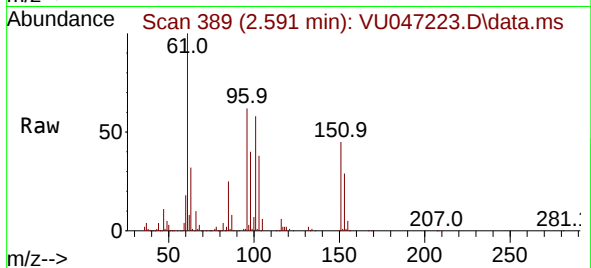
Tgt Ion:101 Resp: 130470
 Ion Ratio Lower Upper
 101 100
 85 42.7 35.8 53.6
 151 76.7 54.6 81.8





#9
1,1-Dichloroethene
Concen: 10.109 ug/l
RT: 2.591 min Scan# 389
Delta R.T. 0.003 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

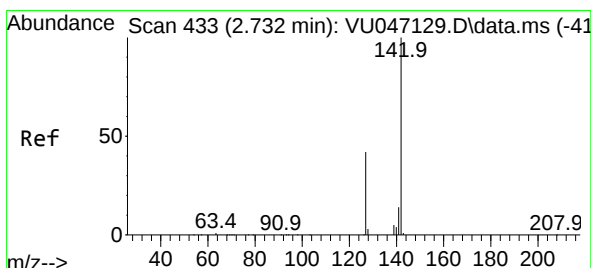
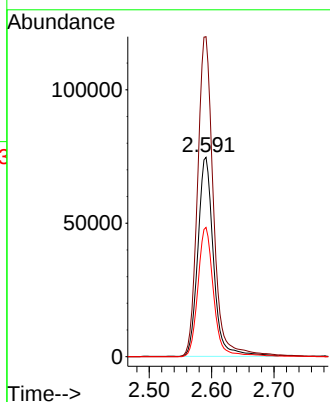
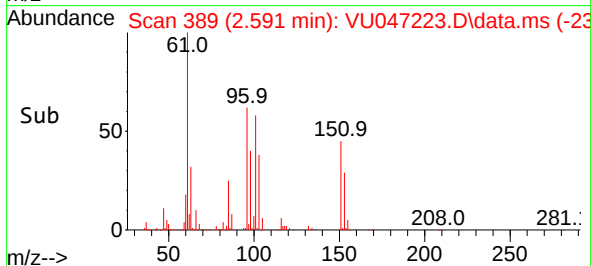
Instrument :
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ClientSampleId :
VSTDCCC010



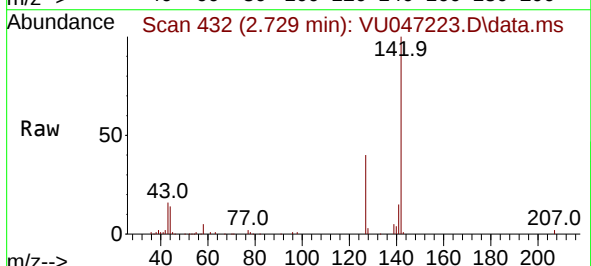
Tgt Ion: 96 Resp: 13024
Ion Ratio Lower Upper
96 100
61 160.7 0.0 514.2
98 64.9 0.0 126.4

Manual Integrations
APPROVED

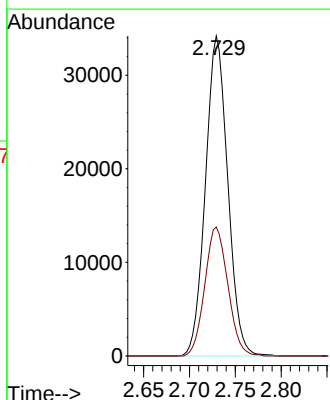
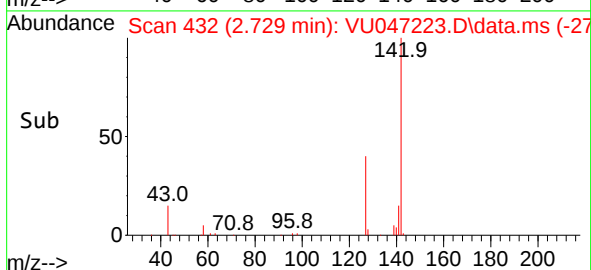
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

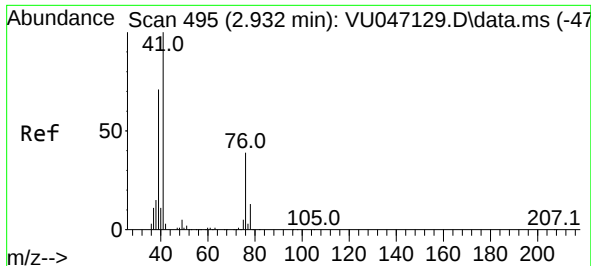


#10
Iodomethane
Concen: 4.330 ug/l
RT: 2.729 min Scan# 432
Delta R.T. -0.003 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18



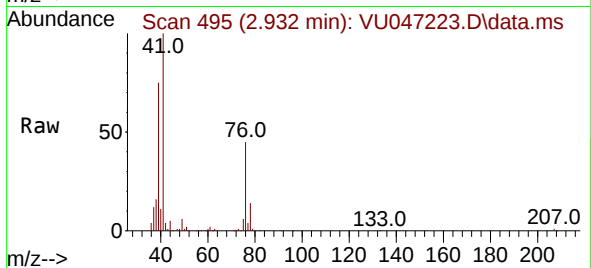
Tgt Ion:142 Resp: 57814
Ion Ratio Lower Upper
142 100
127 41.7 33.2 49.8





#11
 Allyl Chloride
 Concen: 9.044 ug/l
 RT: 2.932 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: VU047223.D
 Acq: 21 Feb 2022 10:18

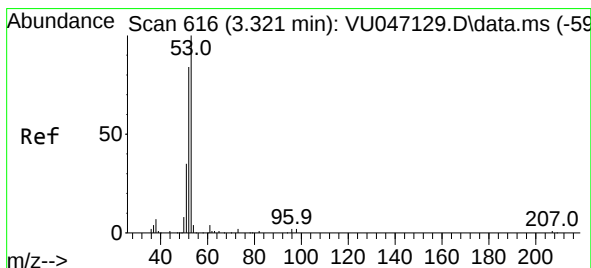
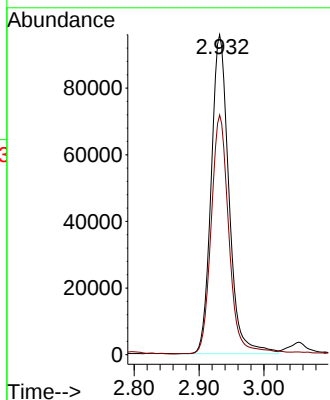
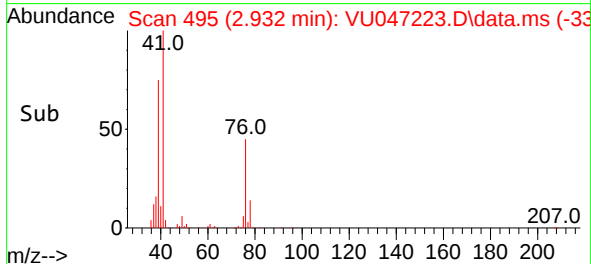
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010



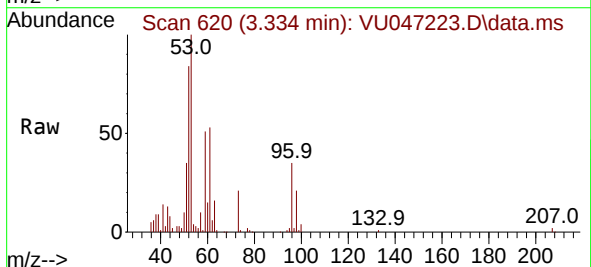
Tgt Ion: 41 Resp: 18163
 Ion Ratio Lower Upper
 41 100
 39 74.4 62.4 93.6

Manual Integrations
 APPROVED

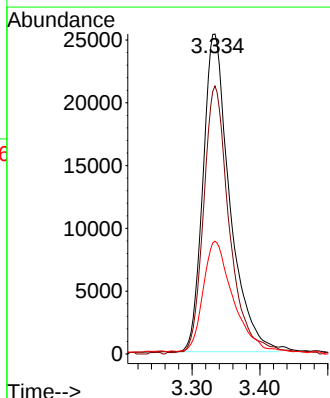
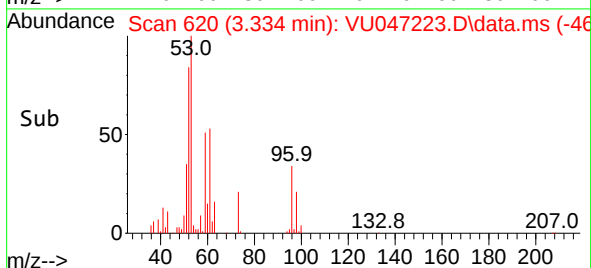
Reviewed By :John Carlone 02/22/2022
 Supervised By :Mahesh Dadoda 02/22/2022

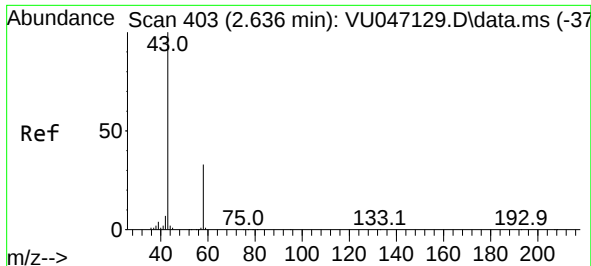


#12
 Acrylonitrile
 Concen: 18.316 ug/l
 RT: 3.334 min Scan# 620
 Delta R.T. 0.013 min
 Lab File: VU047223.D
 Acq: 21 Feb 2022 10:18



Tgt Ion: 53 Resp: 69266
 Ion Ratio Lower Upper
 53 100
 52 80.9 56.7 85.1
 51 38.5 30.3 45.5





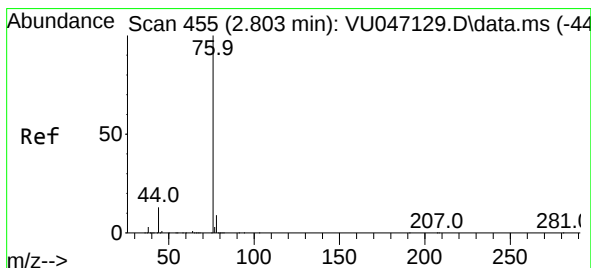
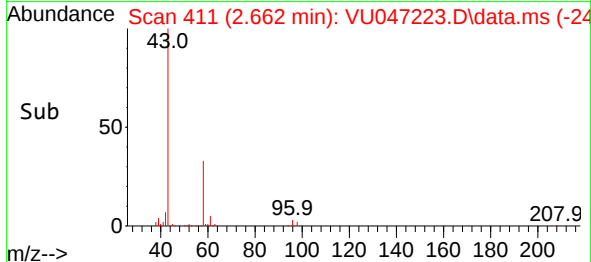
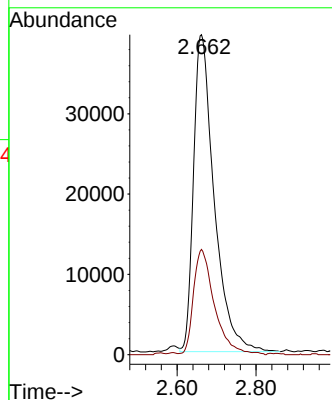
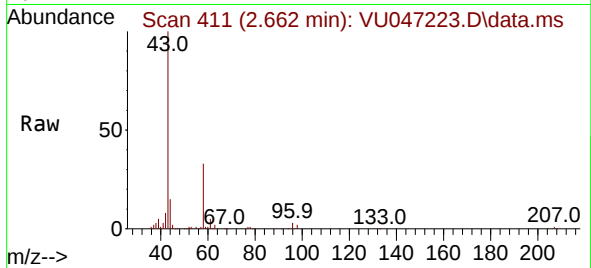
#13
Acetone
Concen: 60.787 ug/l
RT: 2.662 min Scan# 411
Delta R.T. 0.026 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 143569
Ion Ratio Lower Upper
43 100
58 32.9 27.1 40.7

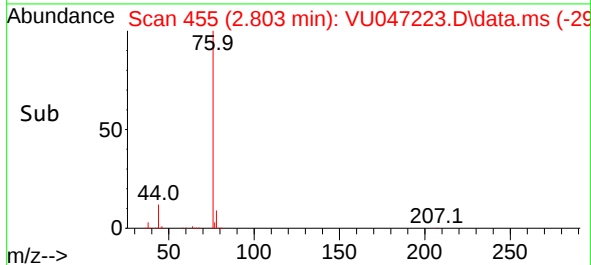
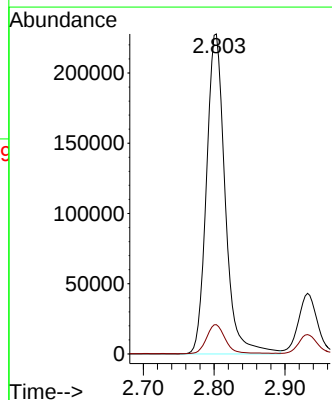
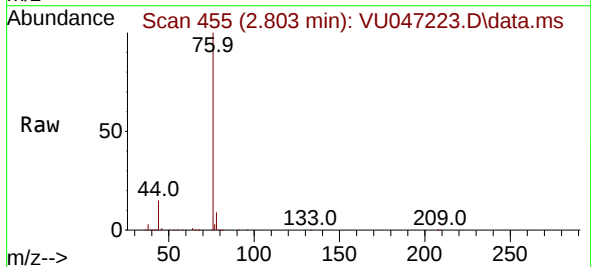
Manual Integrations
APPROVED

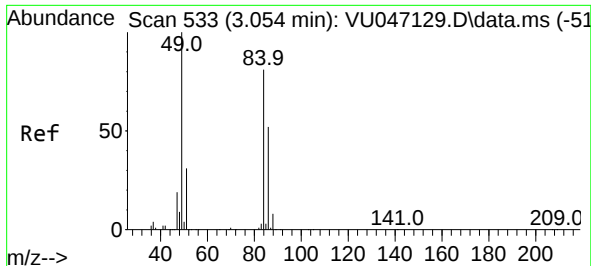
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#14
Carbon Disulfide
Concen: 9.584 ug/l
RT: 2.803 min Scan# 455
Delta R.T. 0.000 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

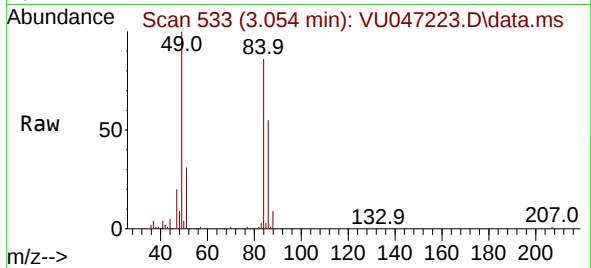
Tgt Ion: 76 Resp: 417652
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7





#15
Methylene Chloride
Concen: 10.638 ug/l
RT: 3.054 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

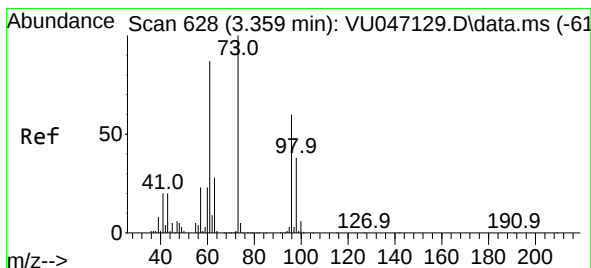
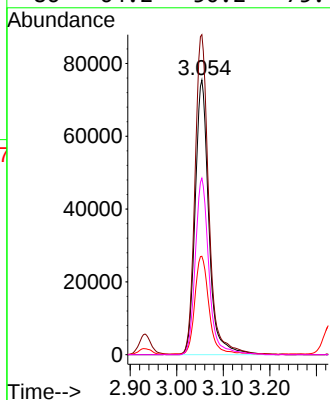
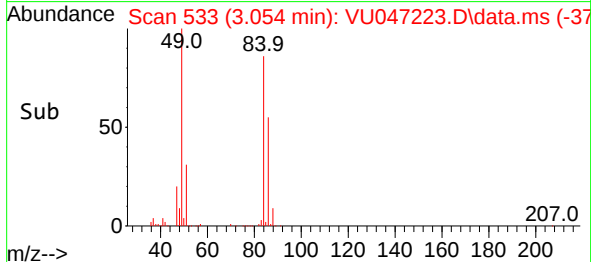
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



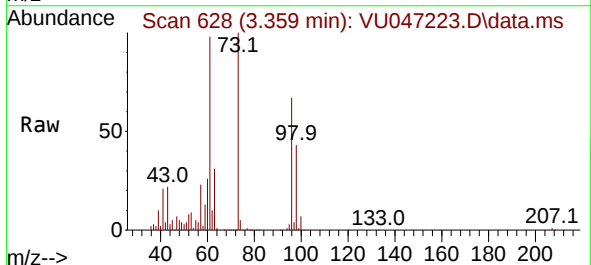
Tgt Ion: 84 Resp: 153930
Ion Ratio Lower Upper
84 100
49 116.5 97.2 145.8
51 35.6 0.0 73.4
86 64.2 50.2 75.4

Manual Integrations
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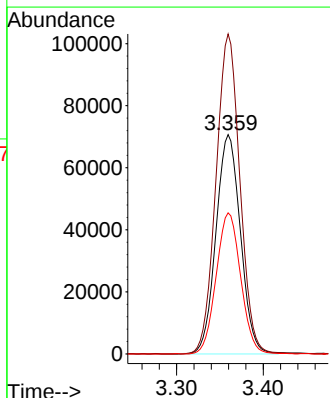
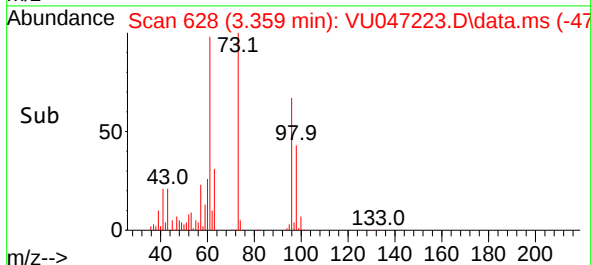
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

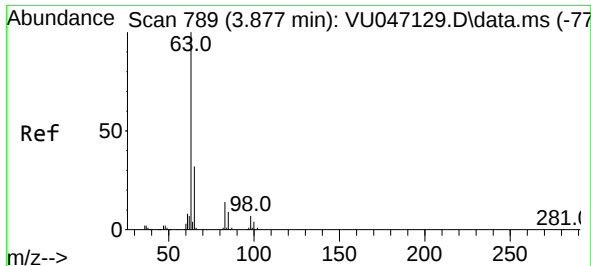


#16
trans-1,2-Dichloroethene
Concen: 10.215 ug/l
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18



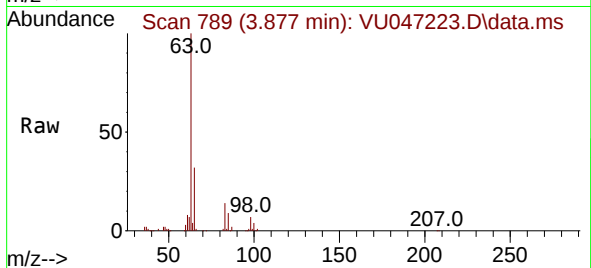
Tgt Ion: 96 Resp: 138906
Ion Ratio Lower Upper
96 100
61 145.9 115.8 173.6
98 64.2 51.1 76.7





#17
1,1-Dichloroethane
Concen: 9.913 ug/l
RT: 3.877 min Scan# 789
Delta R.T. 0.000 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

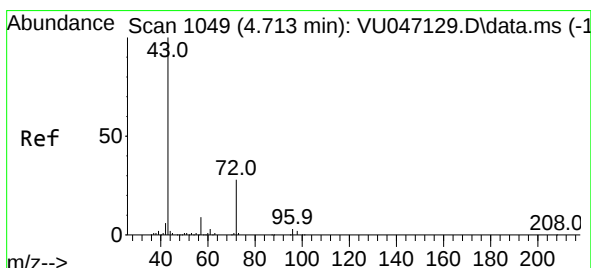
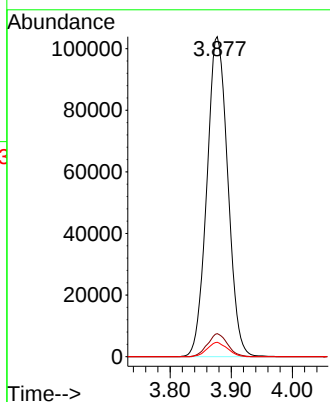
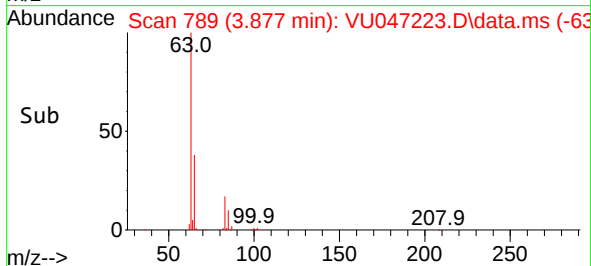
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



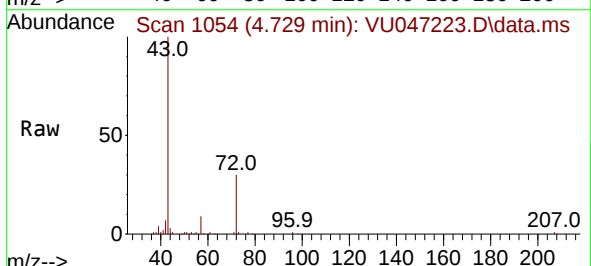
Tgt Ion: 63 Resp: 246974
Ion Ratio Lower Upper
63 100
98 7.2 3.6 10.8
100 4.5 2.1 6.5

Manual Integrations
APPROVED

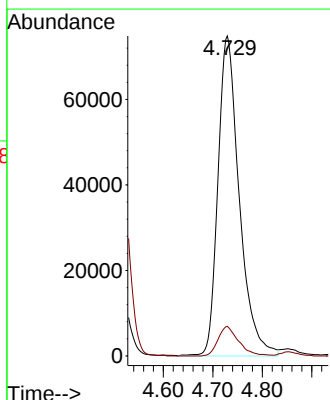
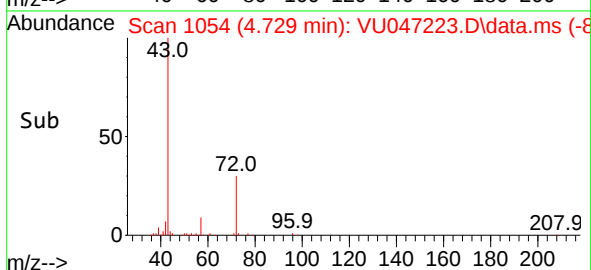
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

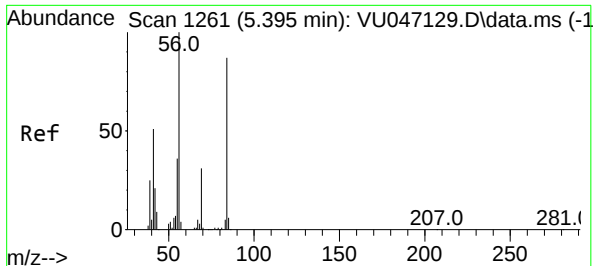


#18
2-Butanone
Concen: 58.959 ug/l
RT: 4.729 min Scan# 1054
Delta R.T. 0.016 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18



Tgt Ion: 43 Resp: 224615
Ion Ratio Lower Upper
43 100
57 9.2 0.0 16.6





#19

Cyclohexane

Concen: 9.652 ug/l m

RT: 5.395 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU047223.D

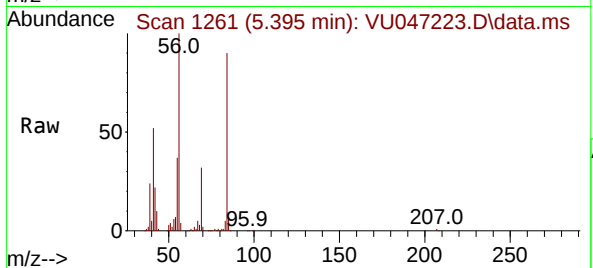
Acq: 21 Feb 2022 10:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010



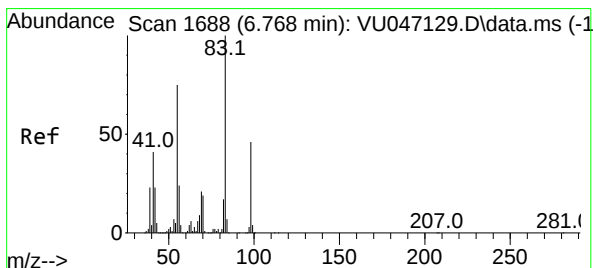
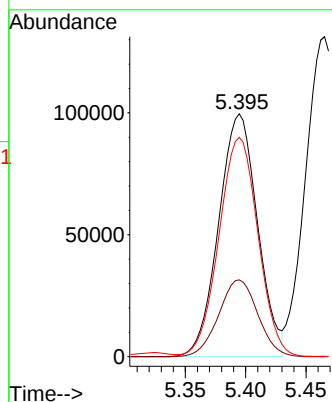
Tgt Ion:	56	Resp:	22277
Ion Ratio	Lower	Upper	
56	100		
69	31.9	24.7	37.1
84	89.6	68.8	103.2

Manual Integrations

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Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#20

Methylcyclohexane

Concen: 10.135 ug/l

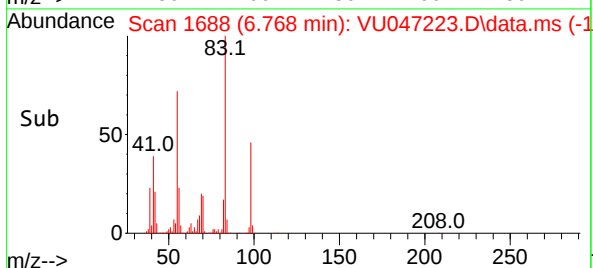
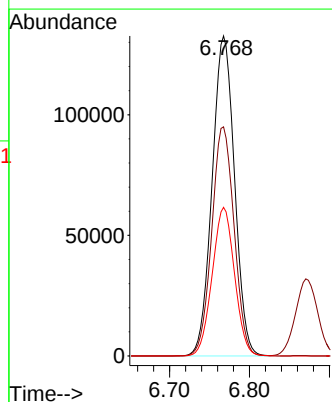
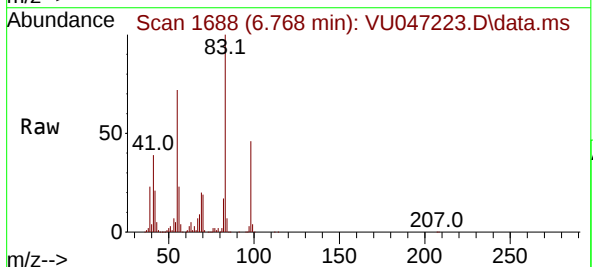
RT: 6.768 min Scan# 1688

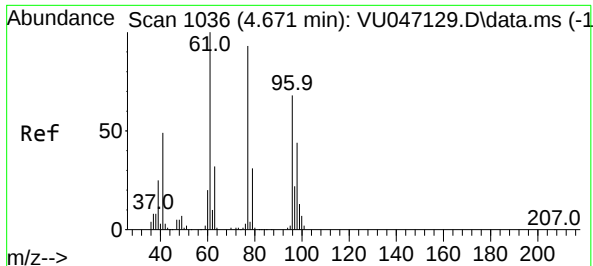
Delta R.T. 0.000 min

Lab File: VU047223.D

Acq: 21 Feb 2022 10:18

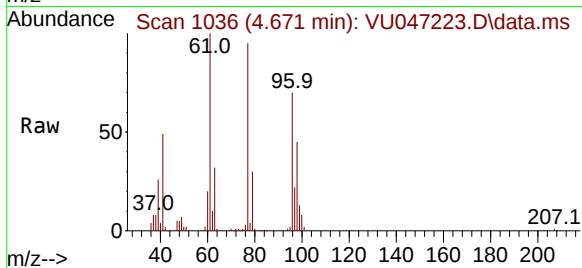
Tgt Ion:	83	Resp:	257859
Ion Ratio	Lower	Upper	
83	100		
55	71.5	61.9	92.9
98	46.4	37.4	56.2





#21
2,2-Dichloropropane
Concen: 10.388 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

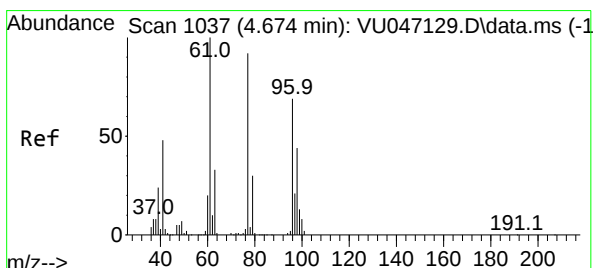
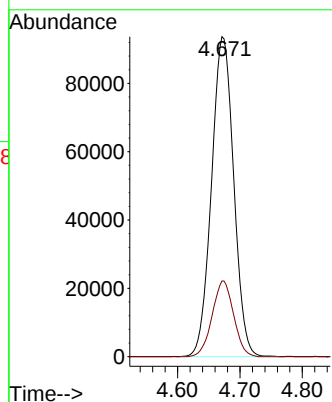
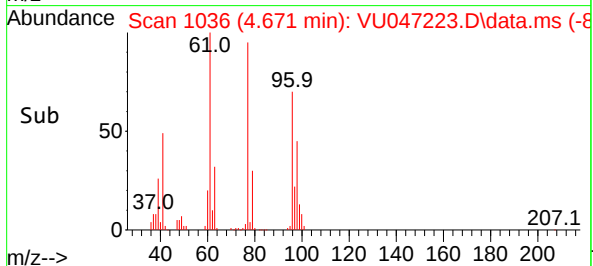
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



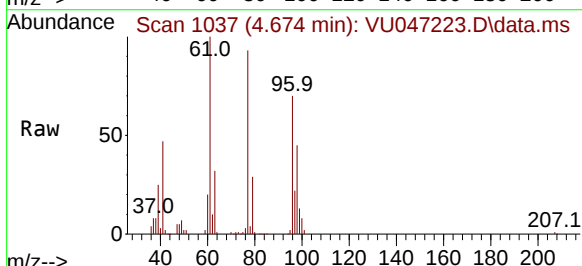
Tgt Ion: 77 Resp: 231279
Ion Ratio Lower Upper
77 100
97 22.9 17.2 25.8

Manual Integrations
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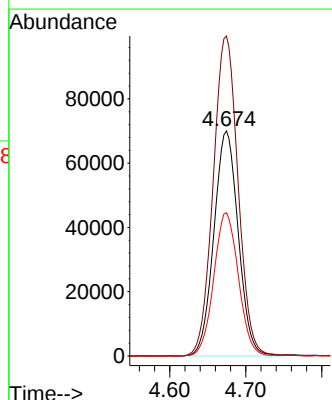
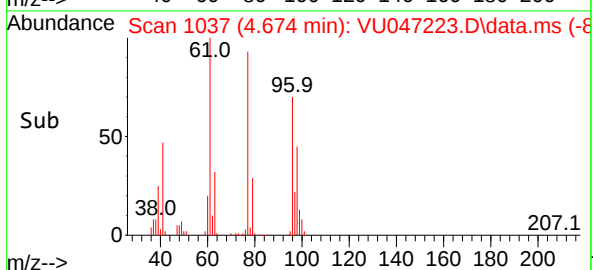
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

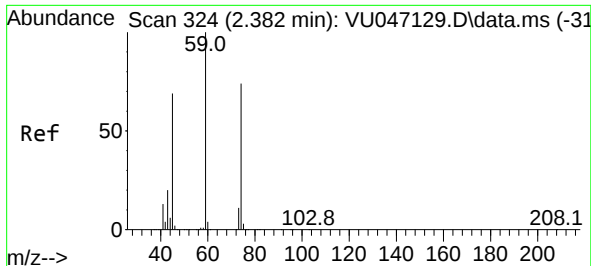


#22
cis-1,2-Dichloroethene
Concen: 9.965 ug/l
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18



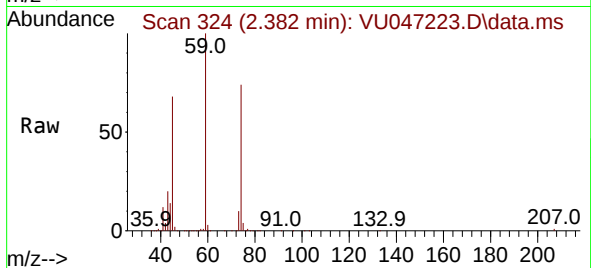
Tgt Ion: 96 Resp: 155839
Ion Ratio Lower Upper
96 100
61 145.3 0.0 385.3
98 64.4 32.1 96.3





#23
Diethyl Ether
Concen: 10.071 ug/l
RT: 2.382 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

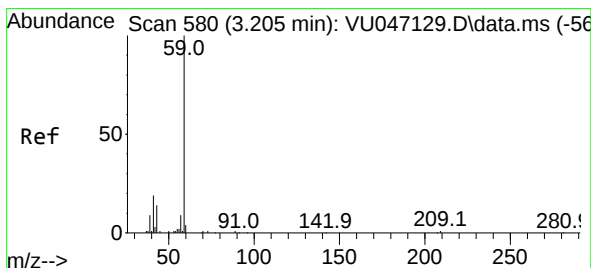
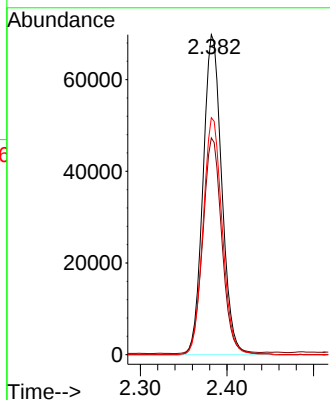
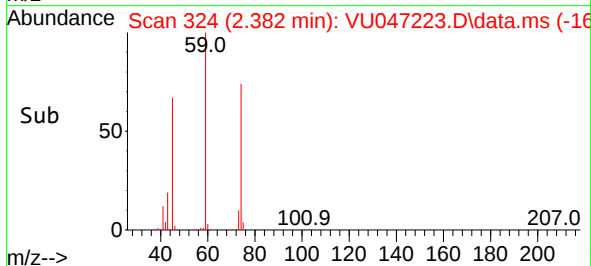
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



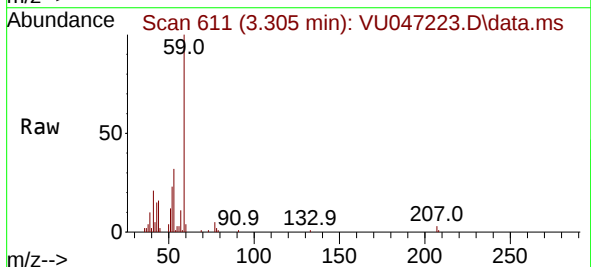
Tgt Ion: 59 Resp: 10486
Ion Ratio Lower Upper
59 100
45 68.2 55.6 83.4
74 75.5 58.1 87.1

Manual Integrations
APPROVED

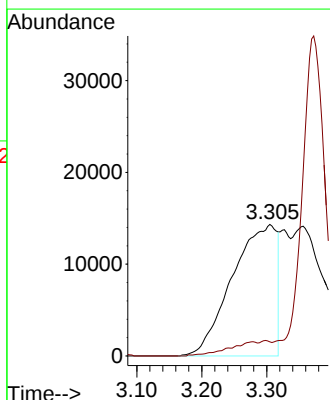
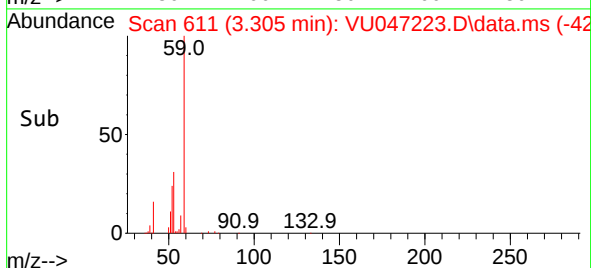
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

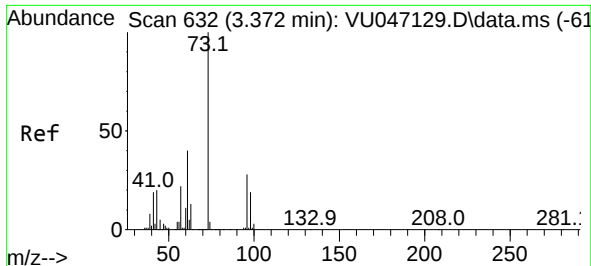


#24
tert-Butyl Alcohol
Concen: 100.780 ug/l
RT: 3.305 min Scan# 611
Delta R.T. 0.100 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18



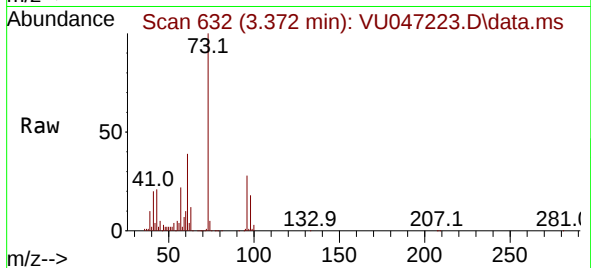
Tgt Ion: 59 Resp: 68249
Ion Ratio Lower Upper
59 100
57 7.1 6.5 9.7





#25
Methyl tert-Butyl Ether
Concen: 9.991 ug/l
RT: 3.372 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

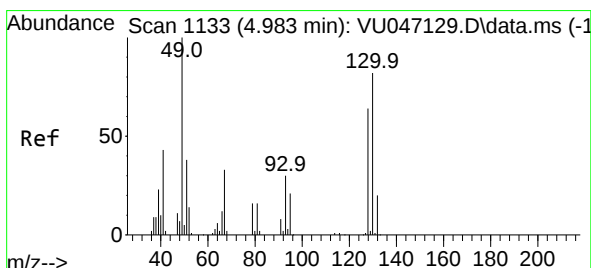
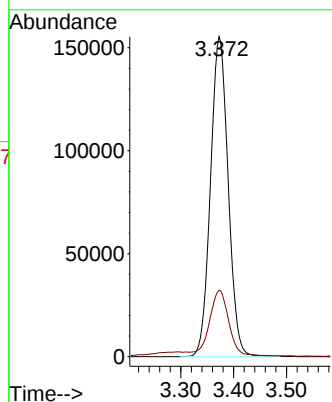
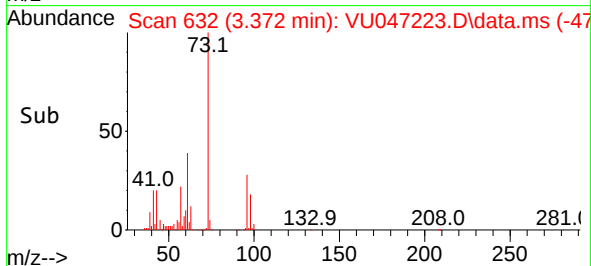
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 73 Resp: 36099
Ion Ratio Lower Upper
73 100
43 22.2 16.3 24.5

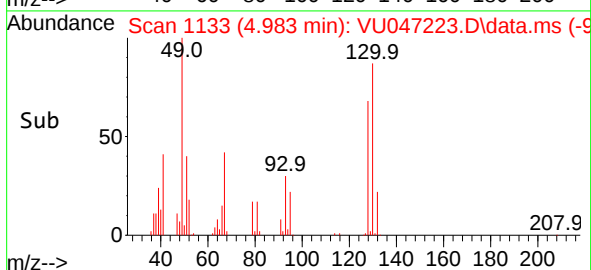
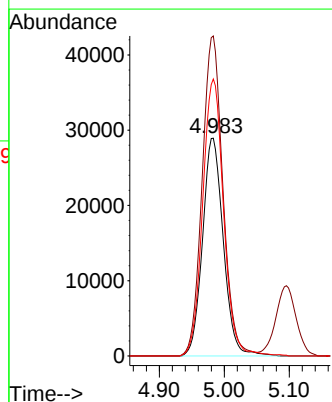
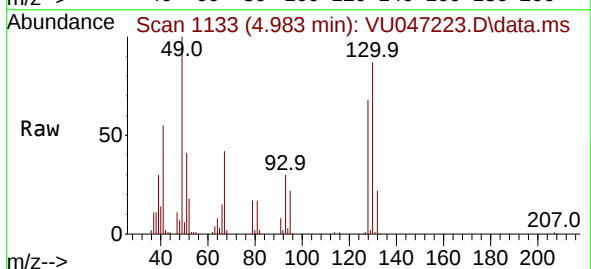
Manual Integrations
APPROVED

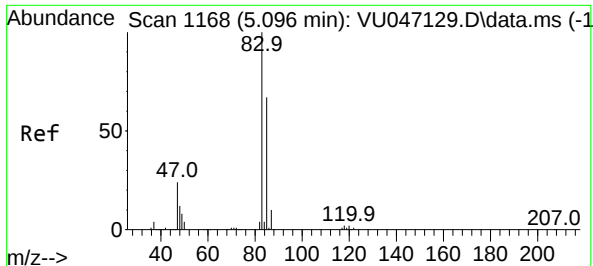
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#26
Bromochloromethane
Concen: 9.160 ug/l
RT: 4.983 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

Tgt Ion:128 Resp: 64421
Ion Ratio Lower Upper
128 100
49 146.7 0.0 347.4
130 128.2 101.5 152.3





#27

Chloroform

Concen: 9.958 ug/l

RT: 5.096 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VU047223.D

Acq: 21 Feb 2022 10:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 251730

Ion Ratio Lower Upper

83 100

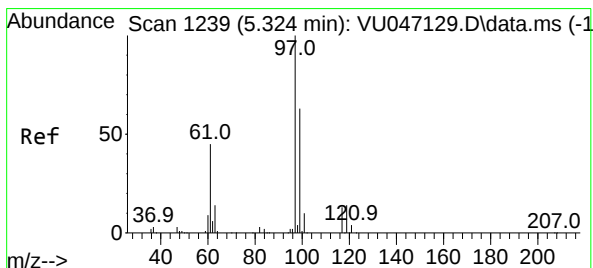
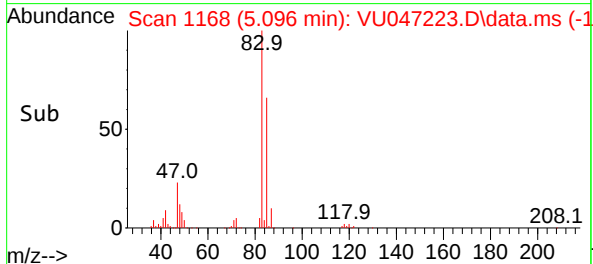
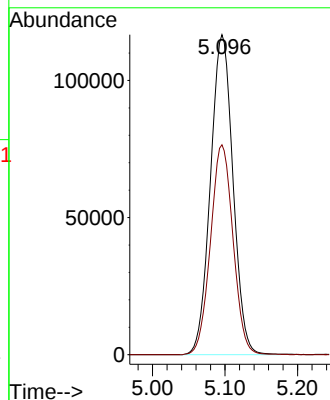
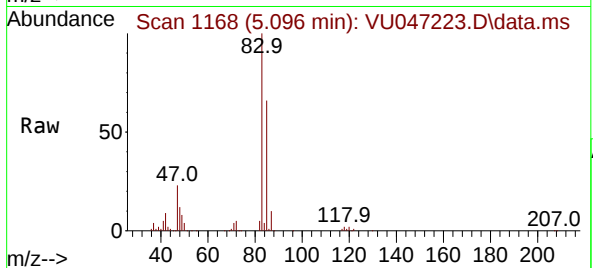
85 65.6 0.0 129.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#28

1,1,1-Trichloroethane

Concen: 10.245 ug/l

RT: 5.324 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VU047223.D

Acq: 21 Feb 2022 10:18

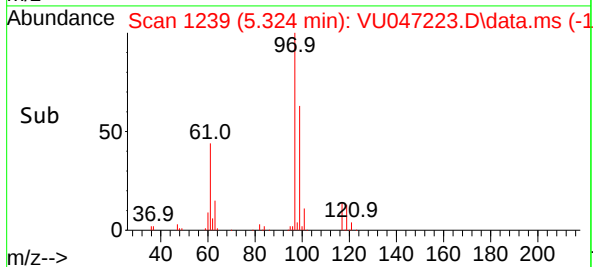
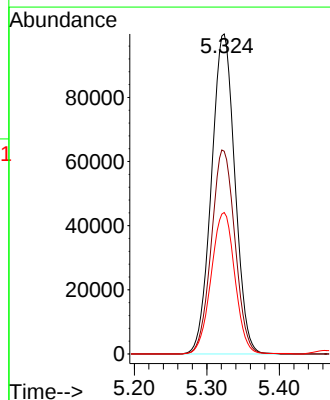
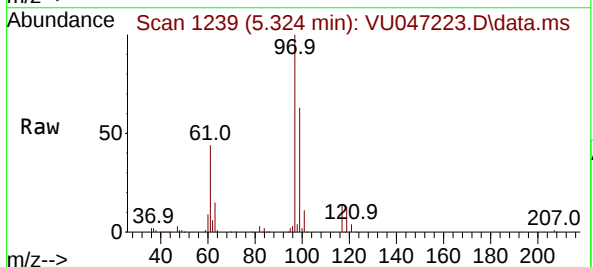
Tgt Ion: 97 Resp: 224226

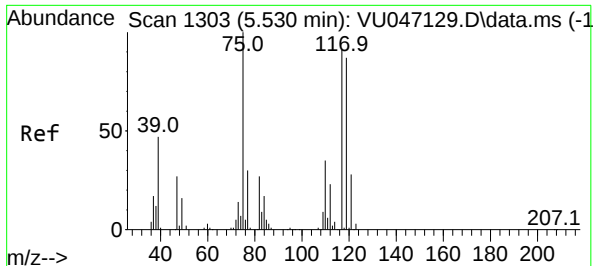
Ion Ratio Lower Upper

97 100

99 64.2 32.2 96.6

61 44.7 24.5 73.5





#29

1,1-Dichloropropene

Concen: 10.158 ug/l

RT: 5.530 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU047223.D

Acq: 21 Feb 2022 10:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 75 Resp: 20350

Ion Ratio Lower Upper

75 100

110 35.9 16.8 50.3

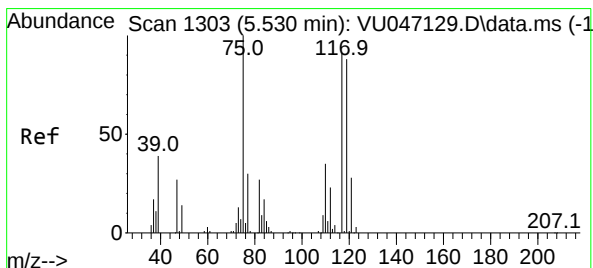
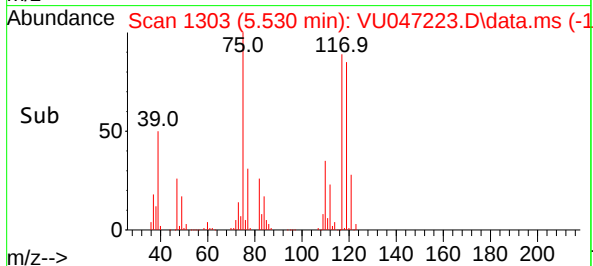
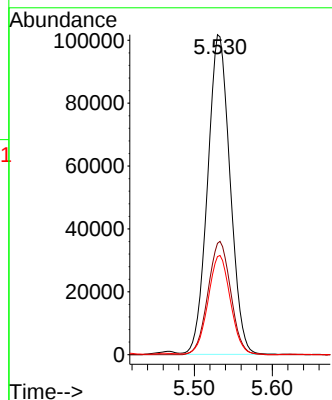
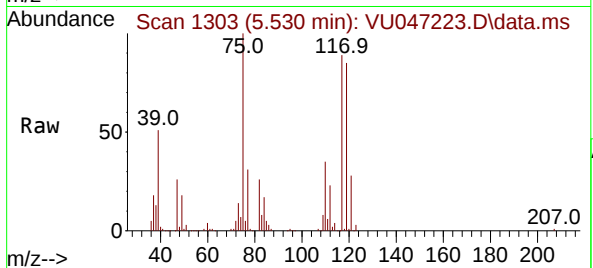
77 31.1 24.7 37.1

Manual Integrations

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Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#30

Carbon Tetrachloride

Concen: 10.199 ug/l

RT: 5.530 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VU047223.D

Acq: 21 Feb 2022 10:18

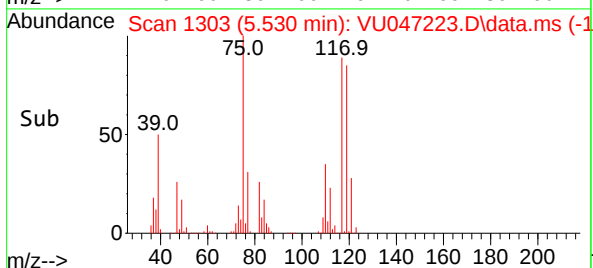
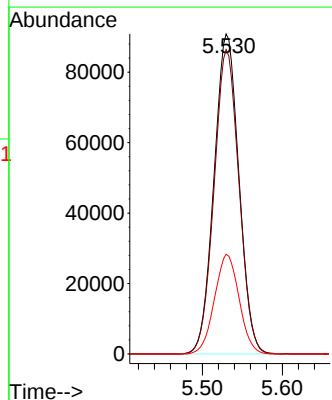
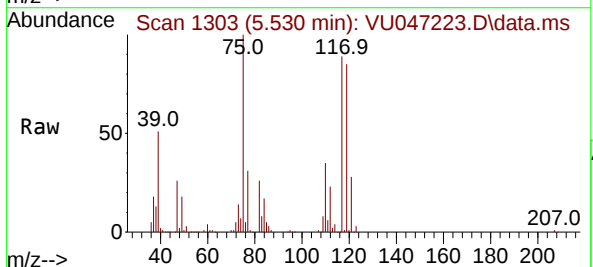
Tgt Ion:117 Resp: 196251

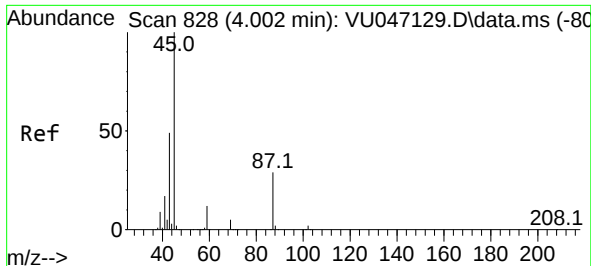
Ion Ratio Lower Upper

117 100

119 95.1 76.8 115.2

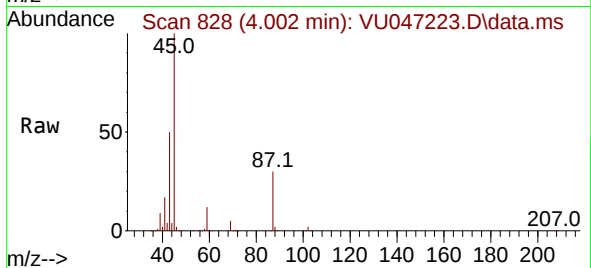
121 31.2 24.6 37.0





#31
Isopropyl Ether
Concen: 9.872 ug/l
RT: 4.002 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

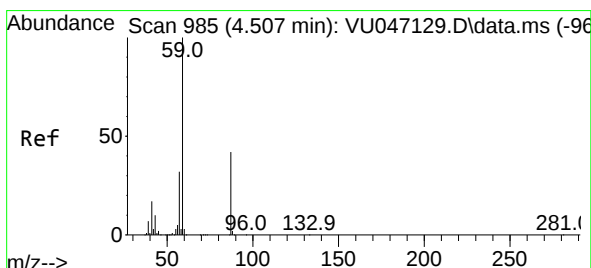
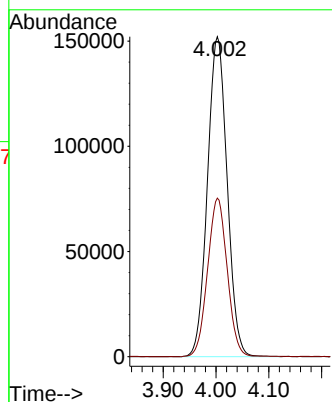
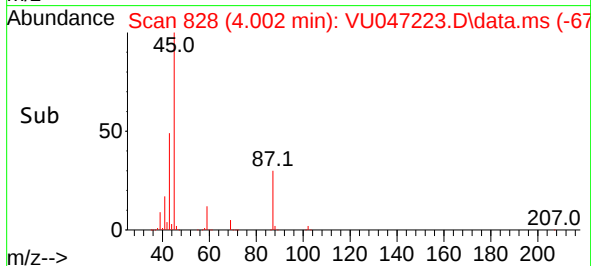
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



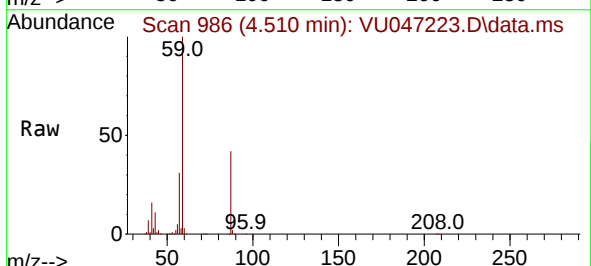
Tgt Ion: 45 Resp: 393389
Ion Ratio Lower Upper
45 100
43 49.5 25.3 75.8

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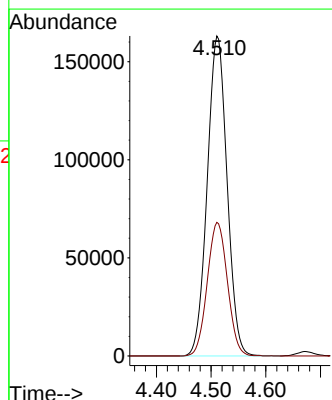
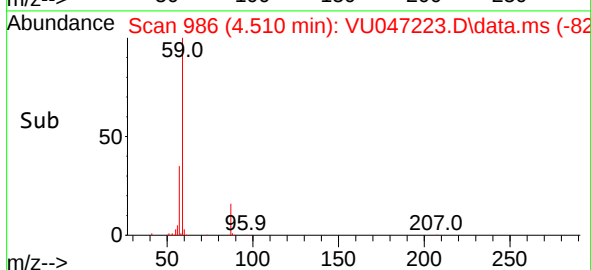
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

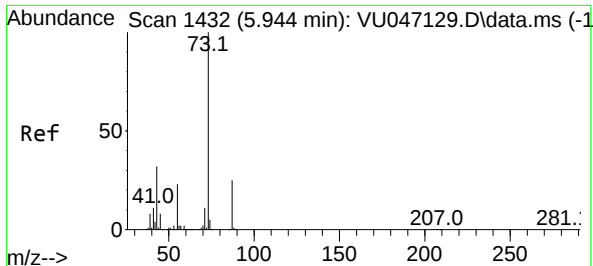


#32
Ethyl-t-butyl ether
Concen: 10.135 ug/l
RT: 4.510 min Scan# 986
Delta R.T. 0.003 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18



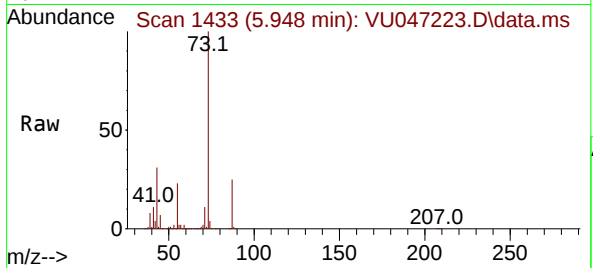
Tgt Ion: 59 Resp: 410540
Ion Ratio Lower Upper
59 100
87 42.3 32.7 49.1





#33
Tert-Amyl methyl ether
Concen: 10.179 ug/l
RT: 5.948 min Scan# 1432
Delta R.T. 0.003 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

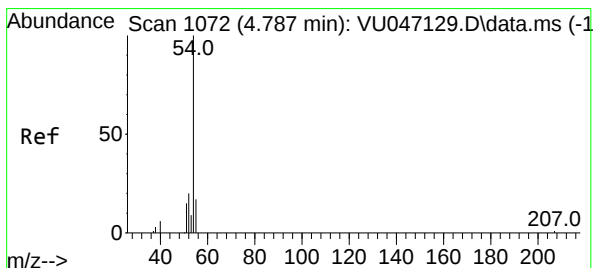
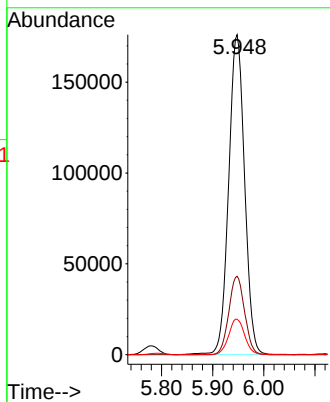
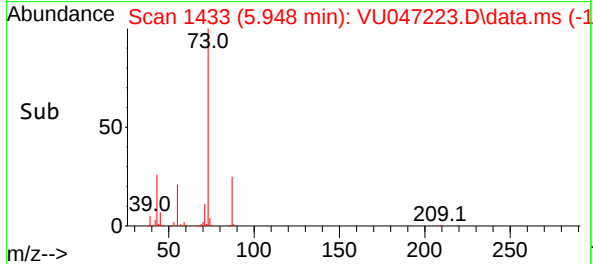
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



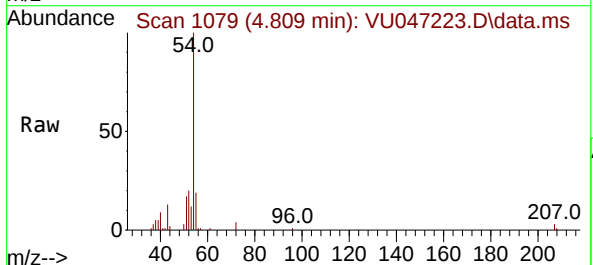
Tgt Ion: 73 Resp: 379754
Ion Ratio Lower Upper
73 100
87 24.3 18.6 28.0
71 11.2 9.0 13.6

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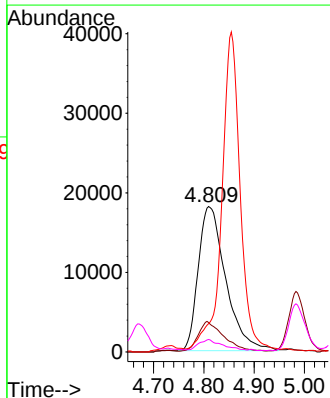
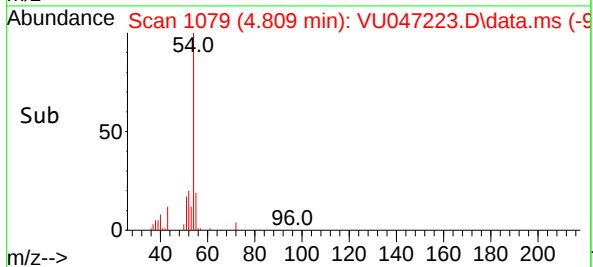
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

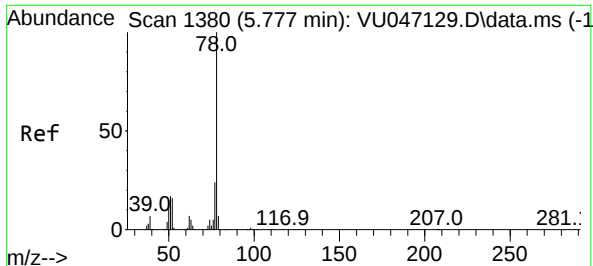


#34
Propionitrile
Concen: 58.971 ug/l
RT: 4.809 min Scan# 1079
Delta R.T. 0.022 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18



Tgt Ion: 54 Resp: 68768
Ion Ratio Lower Upper
54 100
52 20.4 11.9 17.9#
55 147.6 8.0 12.0#
40 5.9 3.0 4.4#





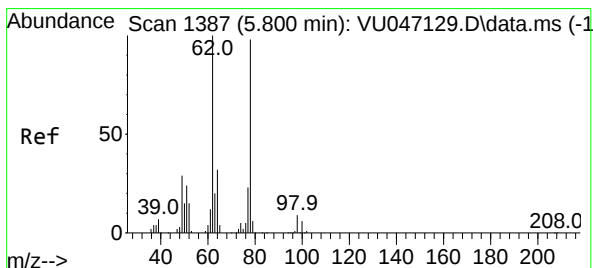
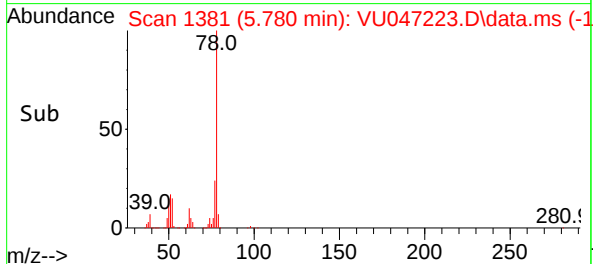
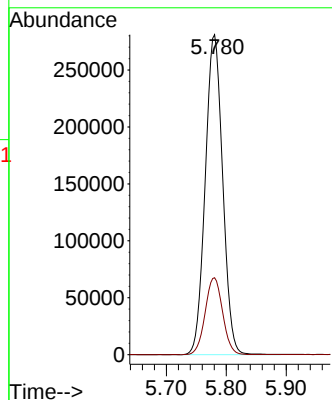
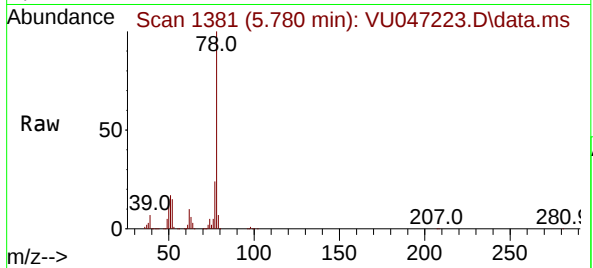
#35
Benzene
Concen: 10.129 ug/l
RT: 5.780 min Scan# 1380
Delta R.T. 0.003 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 78 Resp: 56866
Ion Ratio Lower Upper
78 100
77 24.0 19.1 28.7

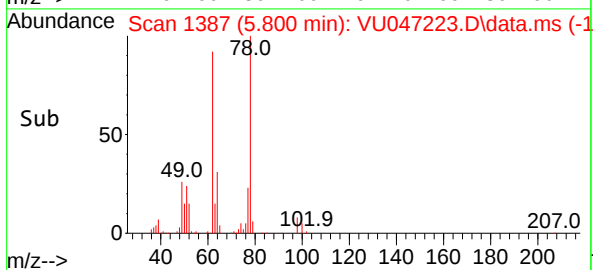
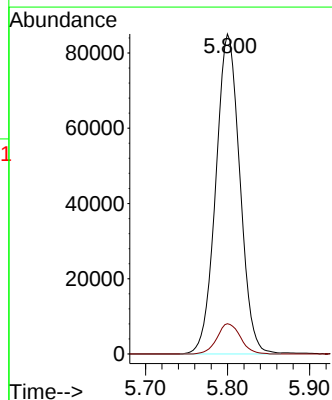
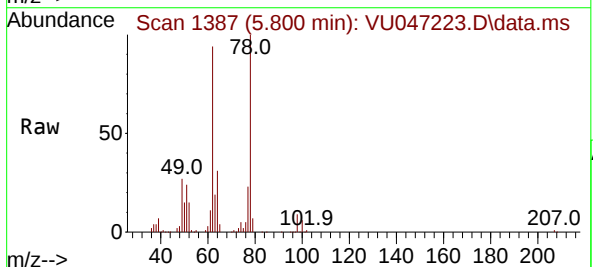
Manual Integrations
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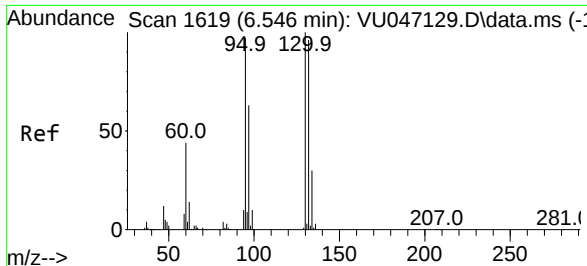
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#36
1,2-Dichloroethane
Concen: 10.199 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

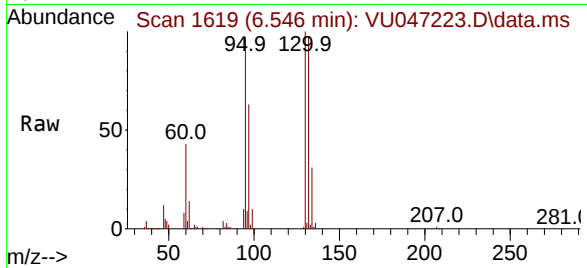
Tgt Ion: 62 Resp: 173373
Ion Ratio Lower Upper
62 100
98 9.2 7.3 10.9





#37
Trichloroethene
Concen: 10.450 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

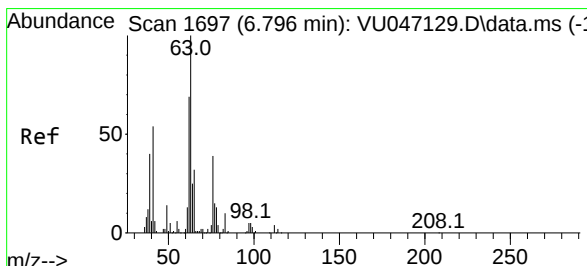
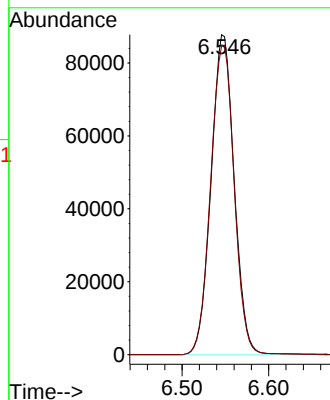
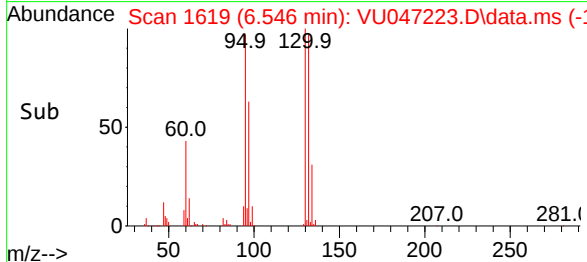
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



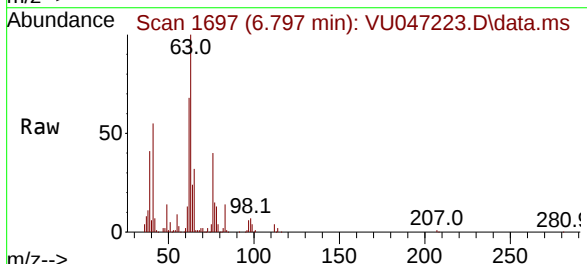
Tgt Ion:130 Resp: 162440
Ion Ratio Lower Upper
130 100
95 96.6 83.8 125.8

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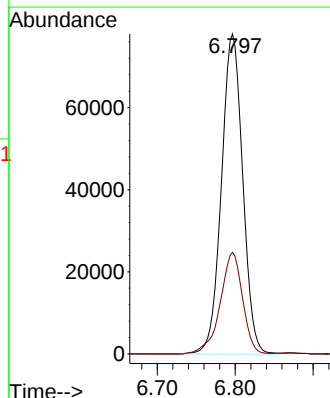
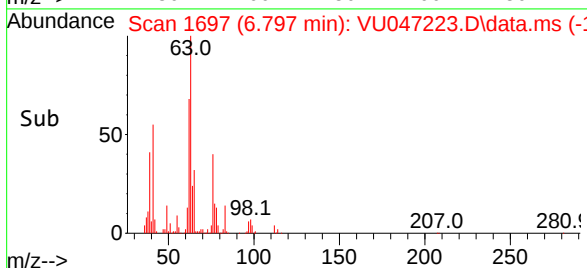
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

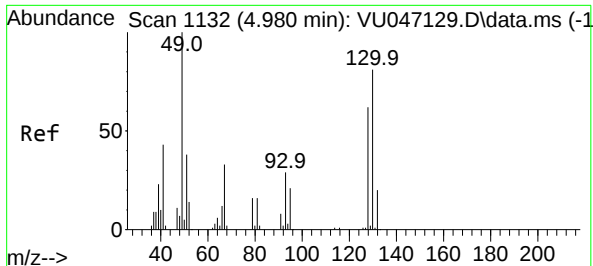


#38
1,2-Dichloropropane
Concen: 9.945 ug/l
RT: 6.797 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18



Tgt Ion: 63 Resp: 147754
Ion Ratio Lower Upper
63 100
65 31.8 24.7 37.1





#39

Methacrylonitrile

Concen: 10.645 ug/l

RT: 4.983 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VU047223.D

Acq: 21 Feb 2022 10:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

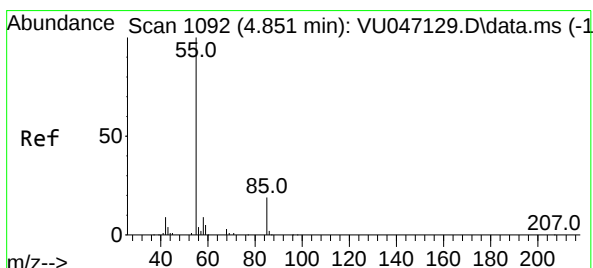
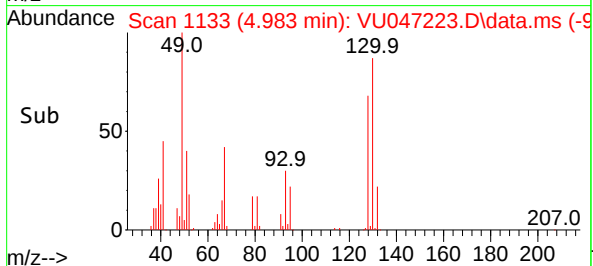
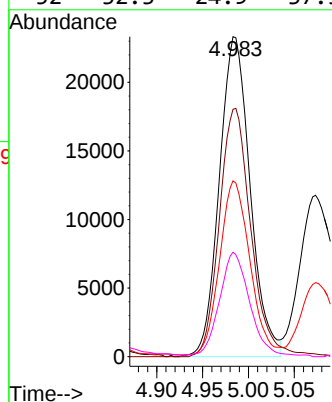
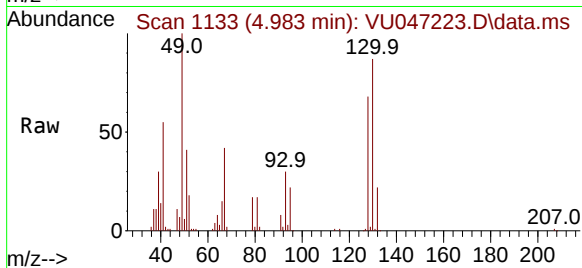
Tgt Ion:	41	Resp:	5451
Ion Ratio	Lower	Upper	
41	100		
67	79.7	65.2	97.8
39	53.6	43.0	64.6
52	32.3	24.9	37.3

Manual Integrations

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Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#40

Methyl acrylate

Concen: 11.726 ug/l

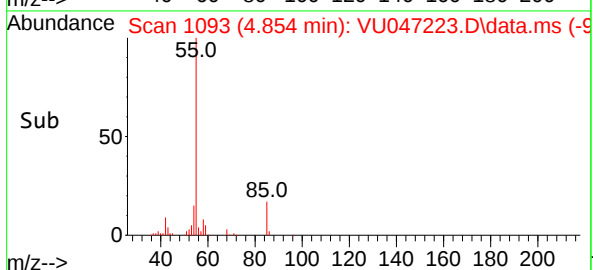
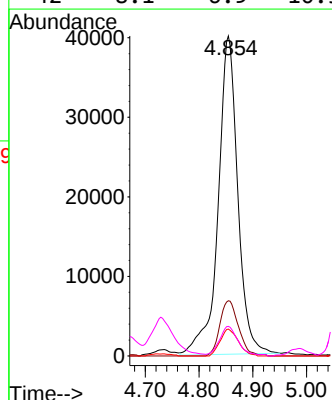
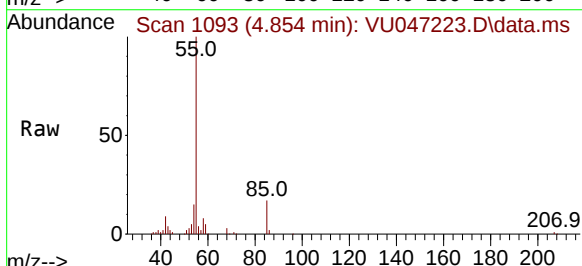
RT: 4.854 min Scan# 1093

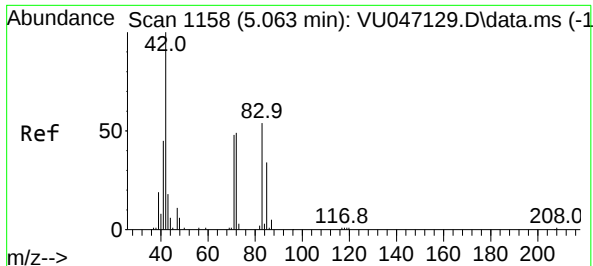
Delta R.T. 0.003 min

Lab File: VU047223.D

Acq: 21 Feb 2022 10:18

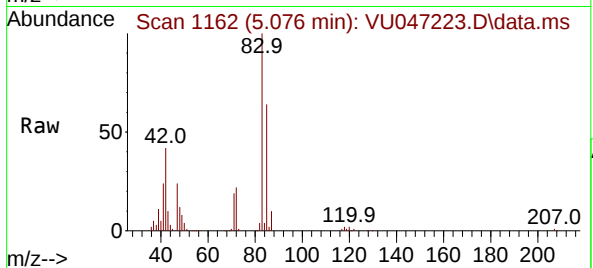
Tgt Ion:	55	Resp:	101493
Ion Ratio	Lower	Upper	
55	100		
85	16.4	12.2	18.2
58	7.8	6.7	10.1
42	8.1	6.9	10.3





#41
Tetrahydrofuran
Concen: 21.222 ug/l
RT: 5.076 min Scan# 1158
Delta R.T. 0.013 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

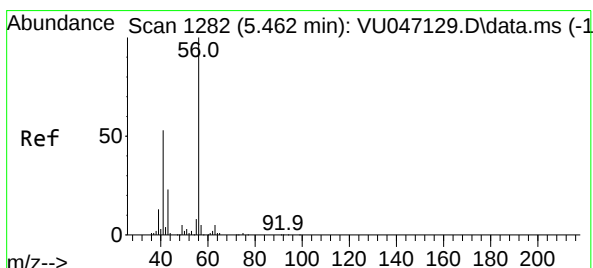
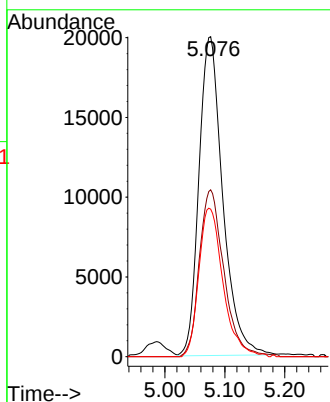
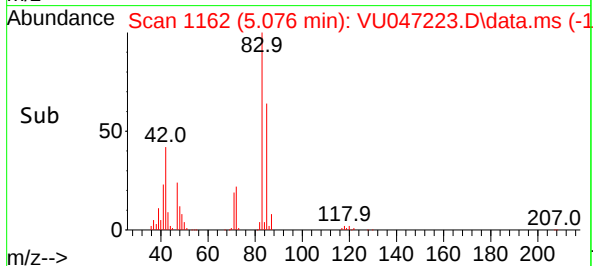
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



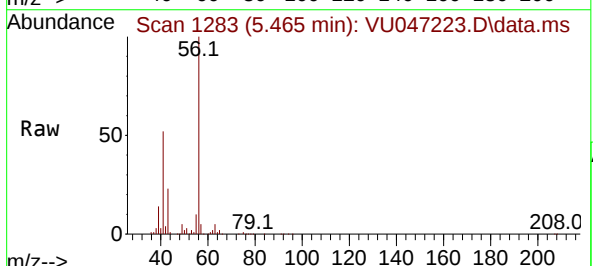
Tgt Ion: 42 Resp: 55358
Ion Ratio Lower Upper
42 100
72 54.0 42.4 63.6
71 47.3 36.4 54.6

Manual Integrations
APPROVED

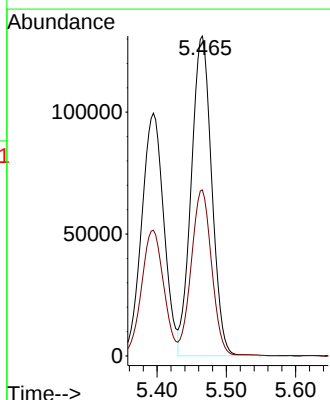
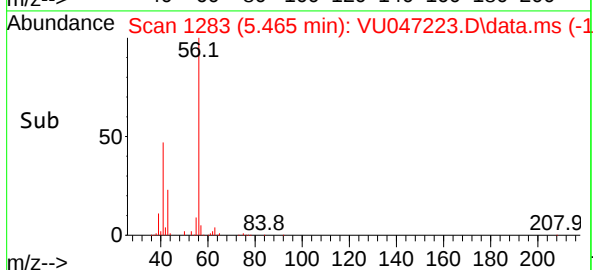
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

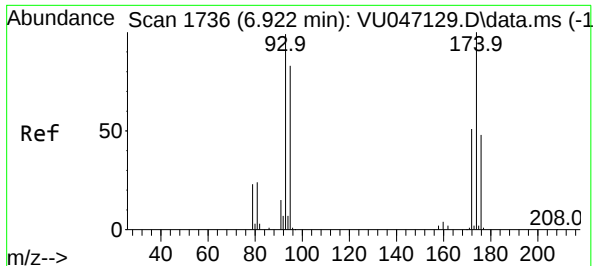


#42
1-Chlorobutane
Concen: 9.984 ug/l
RT: 5.465 min Scan# 1283
Delta R.T. 0.003 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18



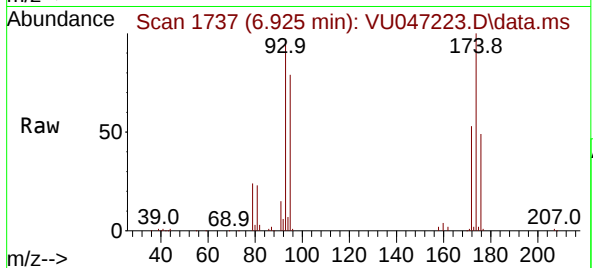
Tgt Ion: 56 Resp: 268557
Ion Ratio Lower Upper
56 100
41 51.2 26.0 78.0





#43
Dibromomethane
Concen: 10.345 ug/l
RT: 6.925 min Scan# 1736
Delta R.T. 0.003 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

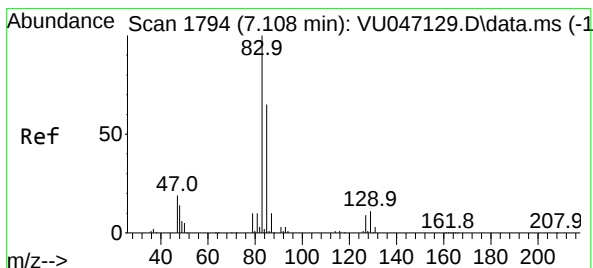
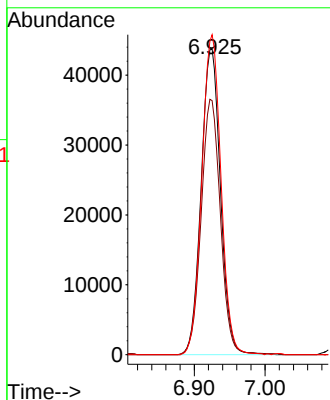
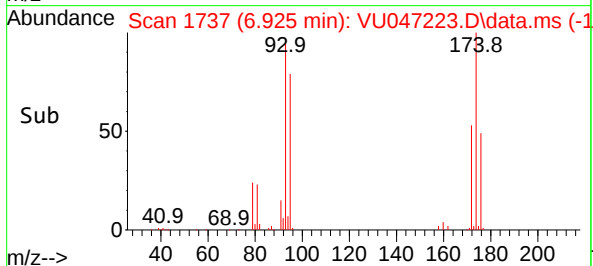
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



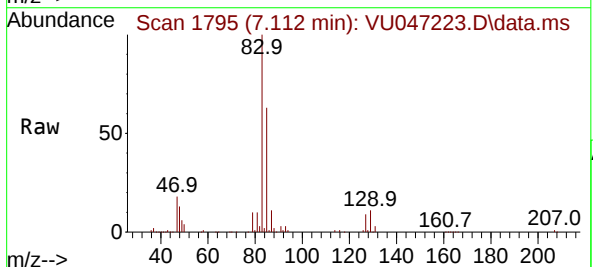
Tgt Ion: 93 Resp: 8289
Ion Ratio Lower Upper
93 100
95 83.5 66.2 99.2
174 103.8 70.7 106.1

Manual Integrations
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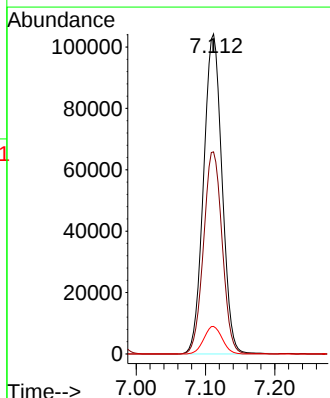
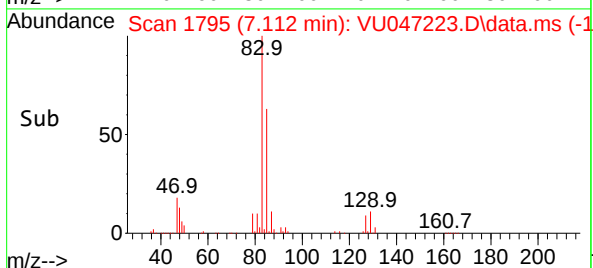
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

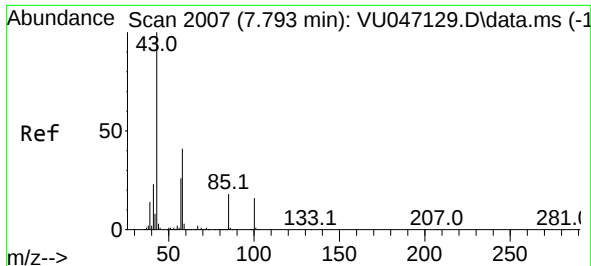


#44
Bromodichloromethane
Concen: 10.140 ug/l
RT: 7.112 min Scan# 1795
Delta R.T. 0.003 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18



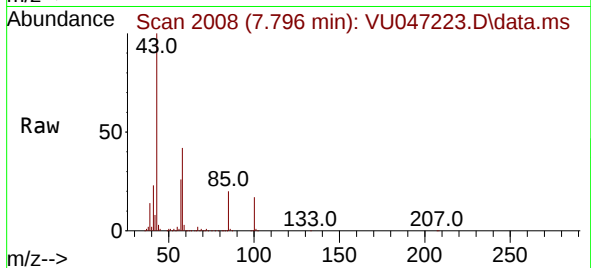
Tgt Ion: 83 Resp: 192160
Ion Ratio Lower Upper
83 100
85 63.2 50.9 76.3
127 8.6 6.0 9.0





#45
4-Methyl-2-Pentanone
Concen: 48.004 ug/l
RT: 7.796 min Scan# 2007
Delta R.T. 0.003 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

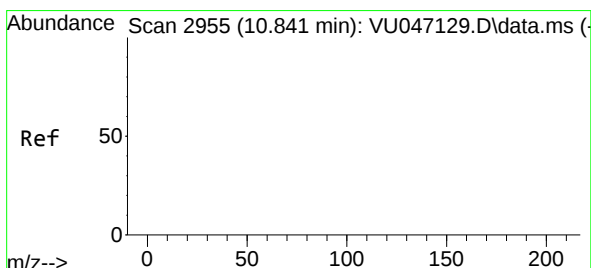
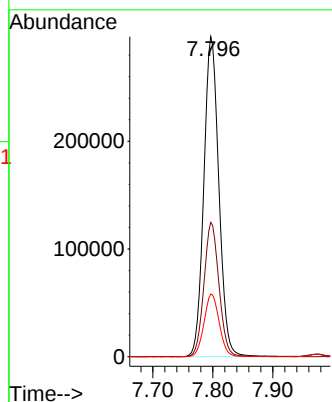
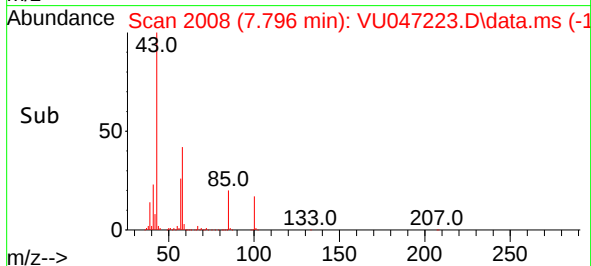
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 52021
Ion Ratio Lower Upper
43 100
58 41.9 21.0 63.0
85 19.8 14.8 22.2

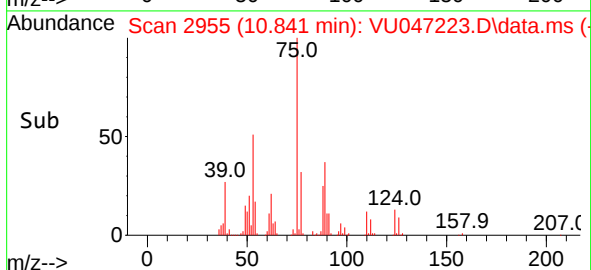
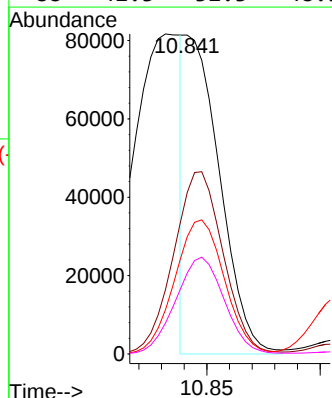
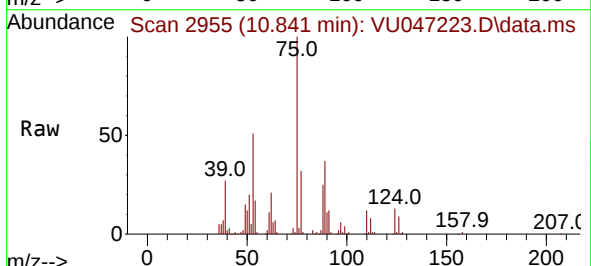
Manual Integrations
APPROVED

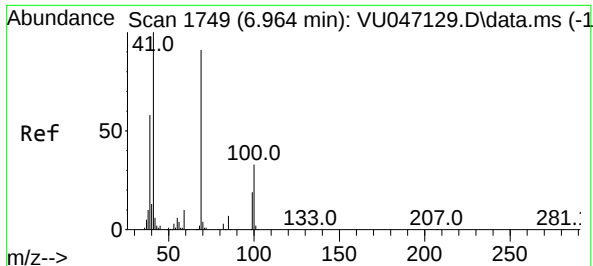
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#46
t-1,4-Dichloro-2-butene
Concen: 18.550 ug/l m
RT: 10.841 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

Tgt Ion: 75 Resp: 87506
Ion Ratio Lower Upper
75 100
53 81.2 66.8 100.2
89 60.0 41.7 62.5
88 42.3 32.3 48.5





#47

Methyl methacrylate

Concen: 19.990 ug/l

RT: 6.967 min Scan# 1749

Delta R.T. 0.003 min

Lab File: VU047223.D

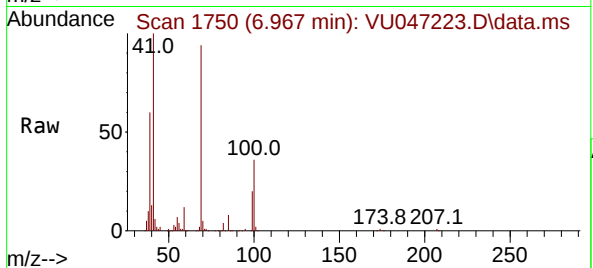
Acq: 21 Feb 2022 10:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010



Tgt Ion: 69 Resp: 167980

Ion Ratio Lower Upper

69 100

41 106.2 0.0 230.0

39 63.4 55.1 82.7

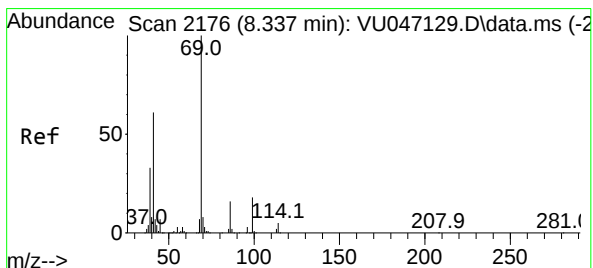
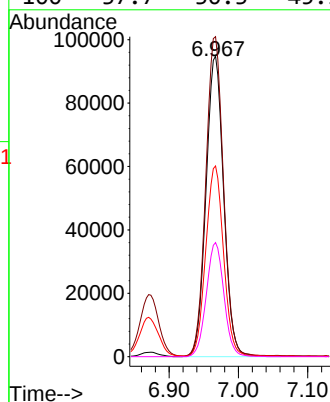
100 37.7 30.3 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#48

Ethyl methacrylate

Concen: 10.050 ug/l

RT: 8.337 min Scan# 2176

Delta R.T. 0.000 min

Lab File: VU047223.D

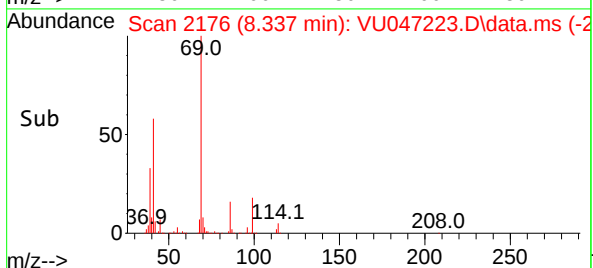
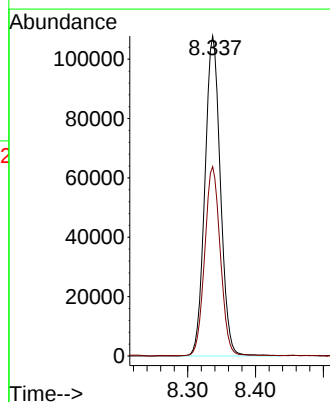
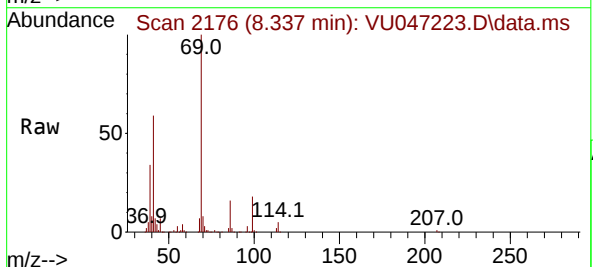
Acq: 21 Feb 2022 10:18

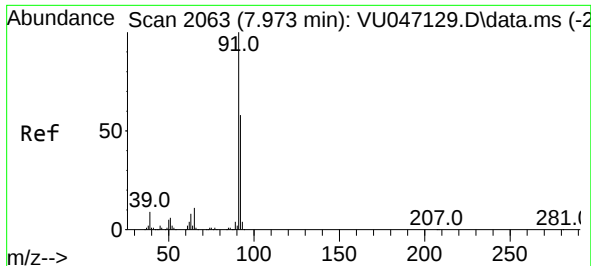
Tgt Ion: 69 Resp: 171183

Ion Ratio Lower Upper

69 100

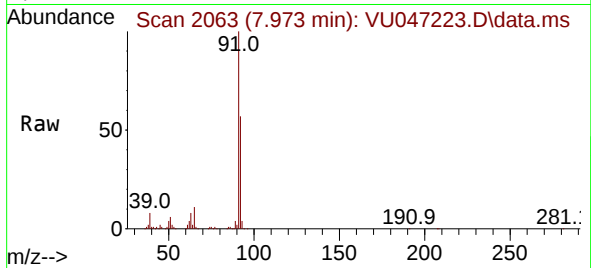
41 59.4 32.6 98.0





#49
Toluene
Concen: 10.183 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

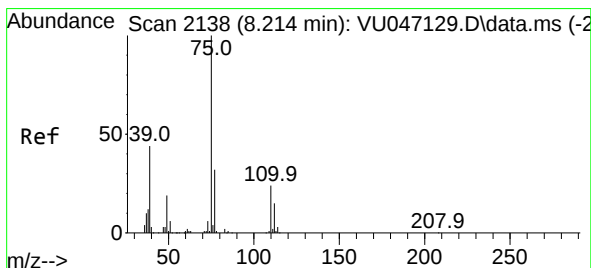
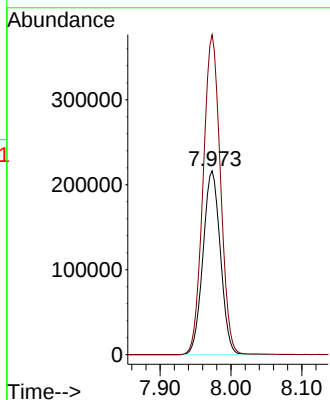
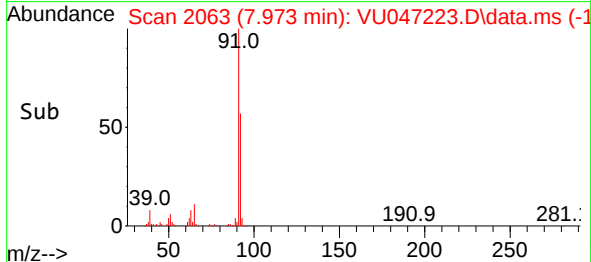
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 92 Resp: 36878
Ion Ratio Lower Upper
92 100
91 173.2 136.8 205.2

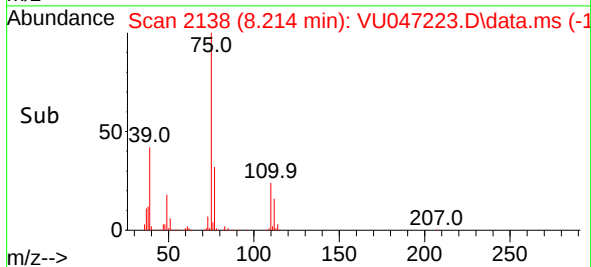
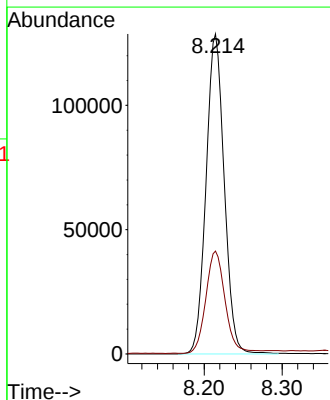
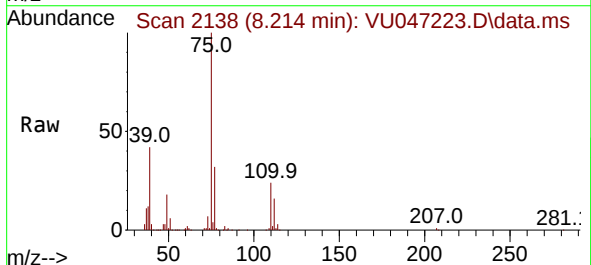
Manual Integrations
APPROVED

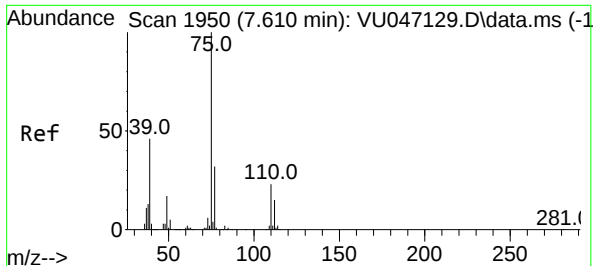
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#50
t-1,3-Dichloropropene
Concen: 10.146 ug/l
RT: 8.214 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

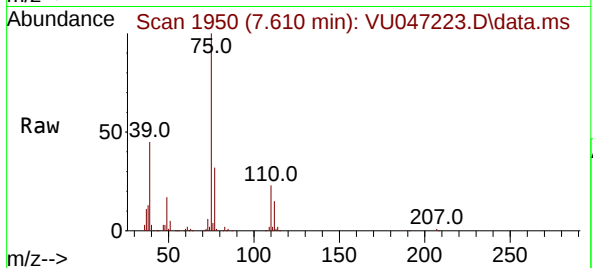
Tgt Ion: 75 Resp: 208118
Ion Ratio Lower Upper
75 100
77 31.9 25.6 38.4





#51
cis-1,3-Dichloropropene
Concen: 10.104 ug/l
RT: 7.610 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

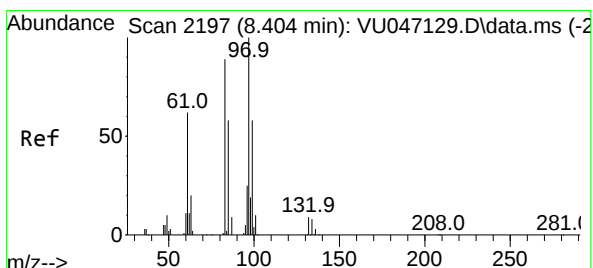
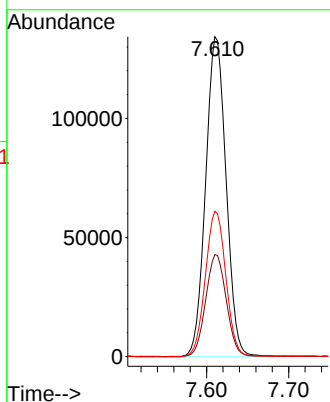
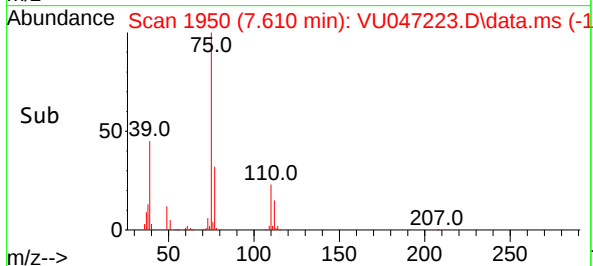
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 75 Resp: 23233
Ion Ratio Lower Upper
75 100
77 31.8 25.2 37.8
39 45.5 38.6 57.8

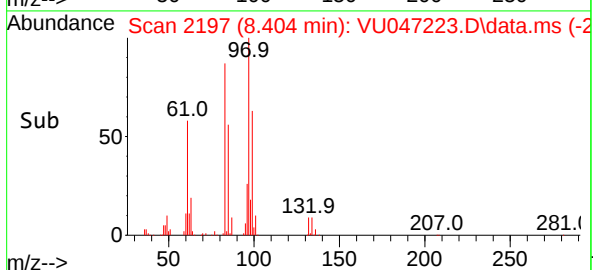
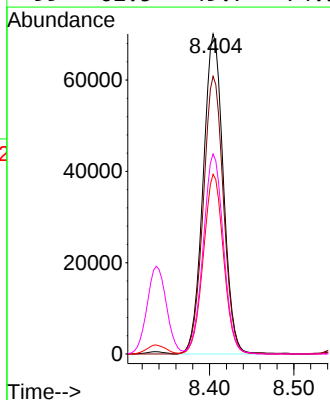
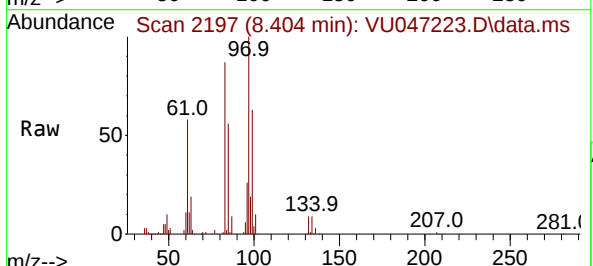
Manual Integrations
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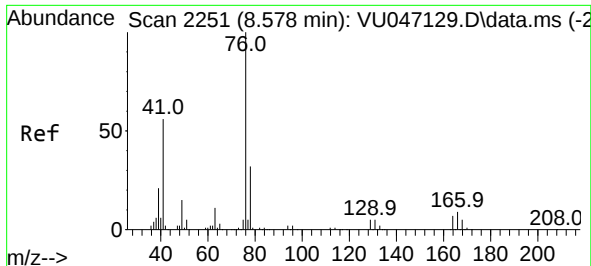
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#52
1,1,2-Trichloroethane
Concen: 10.223 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

Tgt Ion: 97 Resp: 116868
Ion Ratio Lower Upper
97 100
83 86.8 69.8 104.8
85 56.1 44.2 66.4
99 62.5 49.7 74.5





#53

1,3-Dichloropropane

Concen: 9.816 ug/l

RT: 8.581 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU047223.D

Acq: 21 Feb 2022 10:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 76 Resp: 20048

Ion Ratio Lower Upper

76 100

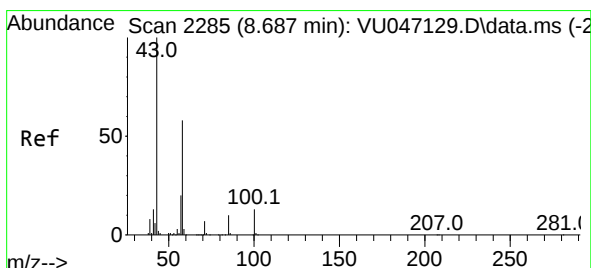
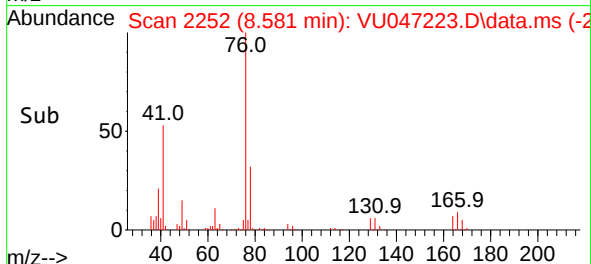
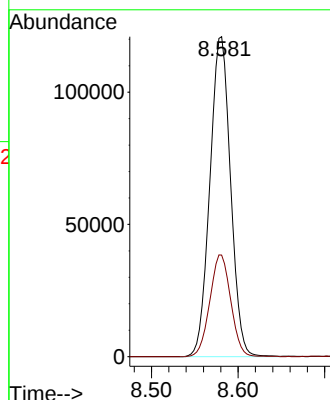
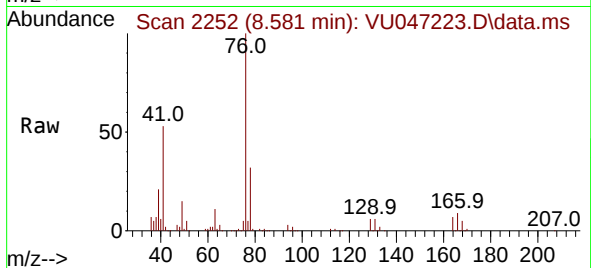
78 32.2 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#54

2-Hexanone

Concen: 47.010 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. 0.003 min

Lab File: VU047223.D

Acq: 21 Feb 2022 10:18

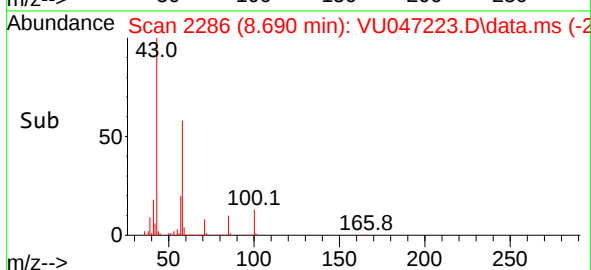
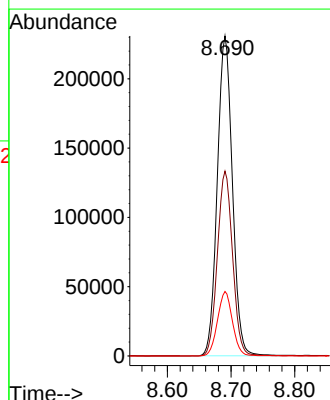
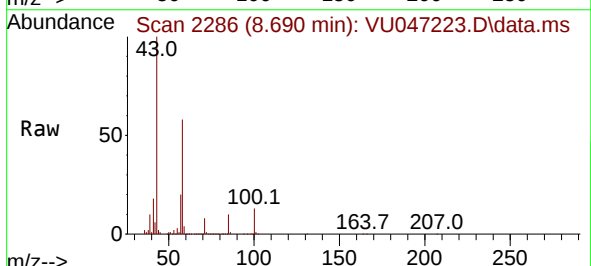
Tgt Ion: 43 Resp: 379531

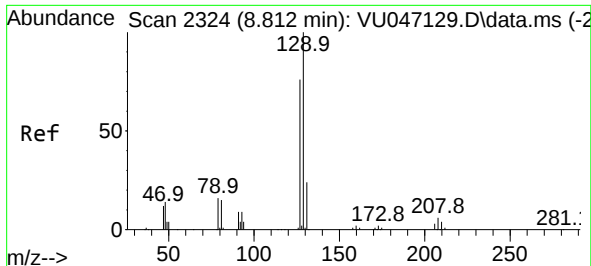
Ion Ratio Lower Upper

43 100

58 58.2 37.7 77.7

57 20.0 0.5 40.5





#55

Dibromochloromethane

Concen: 10.025 ug/l

RT: 8.813 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047223.D

Acq: 21 Feb 2022 10:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:129 Resp: 139320

Ion Ratio Lower Upper

129 100

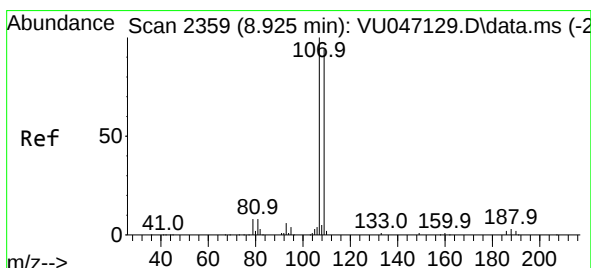
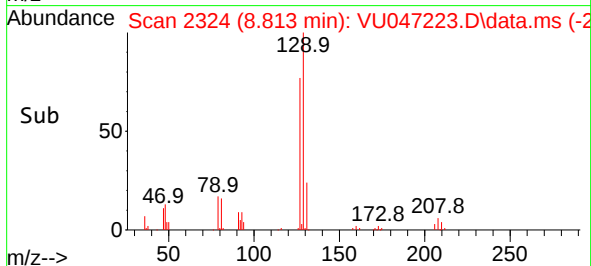
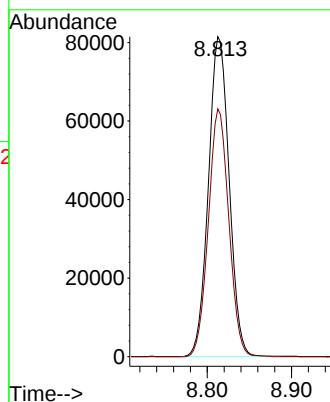
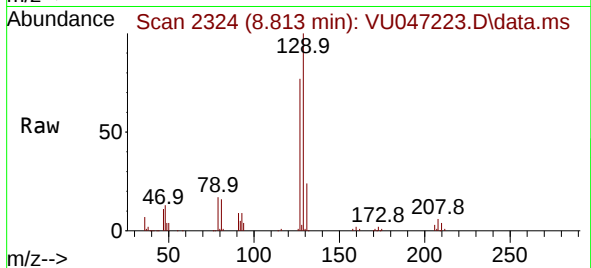
127 76.4 62.2 93.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#56

1,2-Dibromoethane

Concen: 10.226 ug/l

RT: 8.928 min Scan# 2360

Delta R.T. 0.003 min

Lab File: VU047223.D

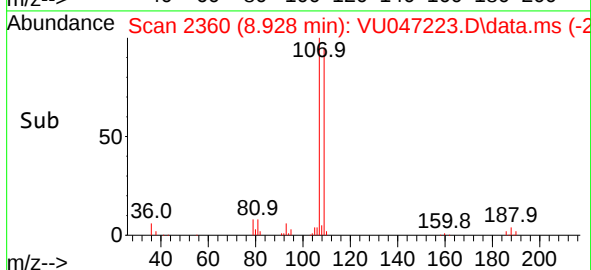
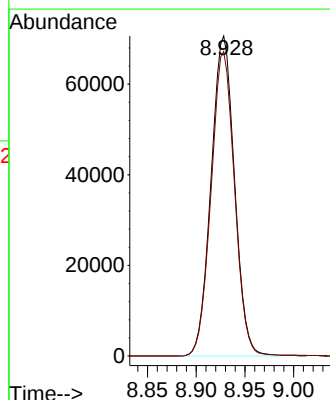
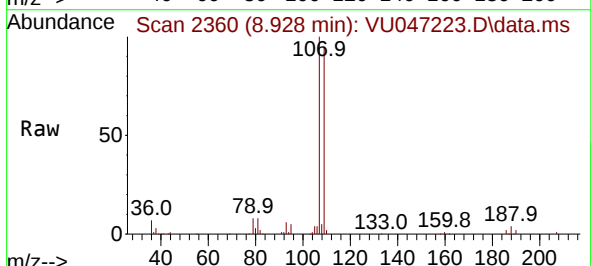
Acq: 21 Feb 2022 10:18

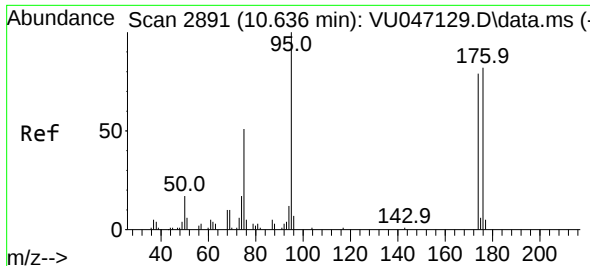
Tgt Ion:107 Resp: 118141

Ion Ratio Lower Upper

107 100

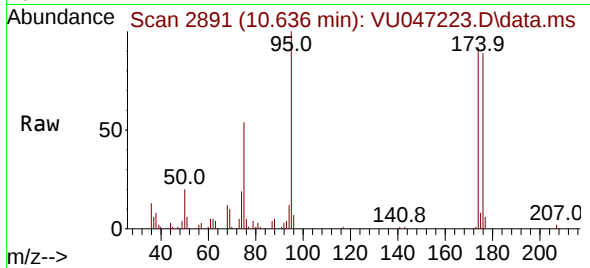
109 95.1 0.0 185.0





#57
4-Bromofluorobenzene
Concen: 0.965 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

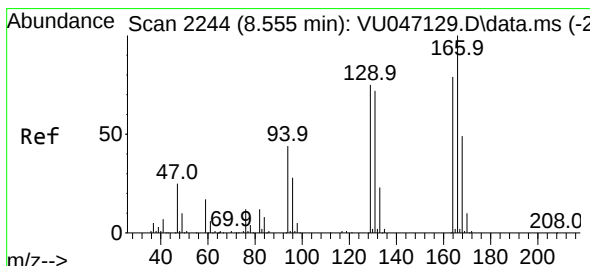
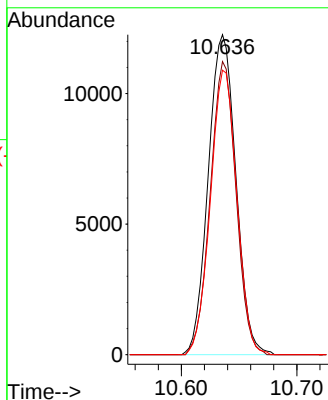
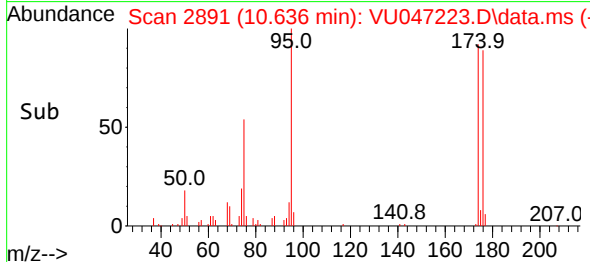
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 95 Resp: 2038
Ion Ratio Lower Upper
95 100
174 85.4 56.6 84.8
176 85.0 54.3 81.5

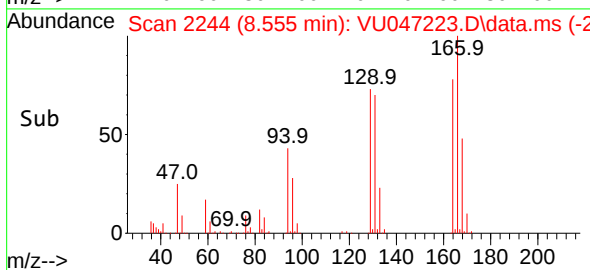
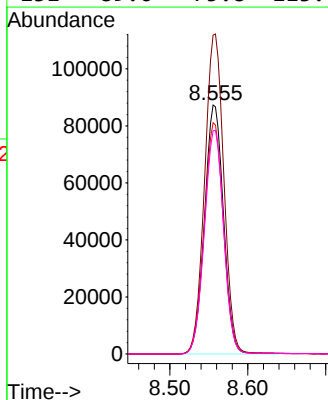
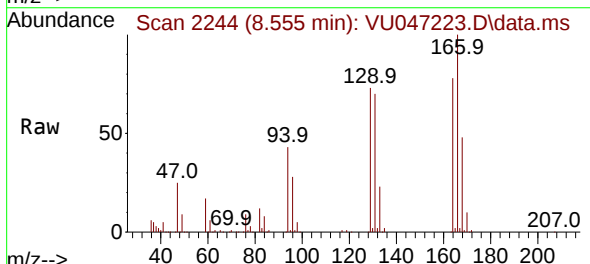
Manual Integrations
APPROVED

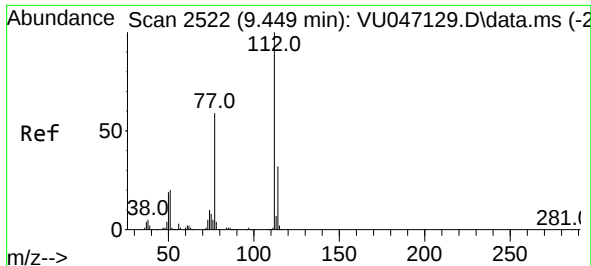
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#58
Tetrachloroethene
Concen: 10.348 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

Tgt Ion:164 Resp: 148429
Ion Ratio Lower Upper
164 100
166 128.1 102.0 153.0
129 92.9 77.1 115.7
131 89.6 75.8 113.6





#59

Chlorobenzene

Concen: 10.103 ug/l

RT: 9.449 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047223.D

Acq: 21 Feb 2022 10:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:112 Resp: 40794

Ion Ratio Lower Upper

112 100

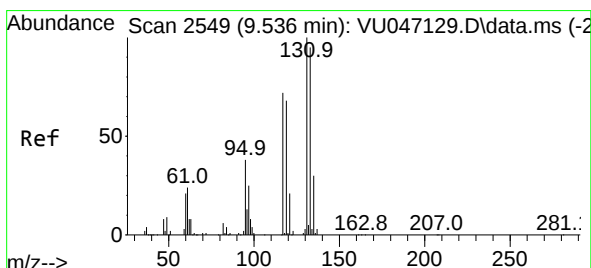
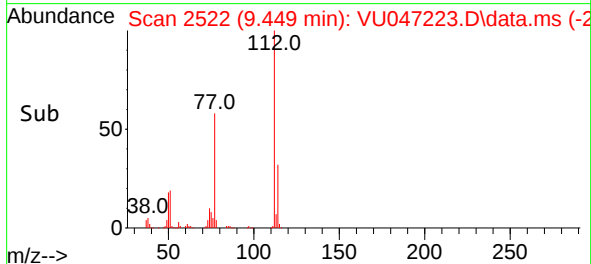
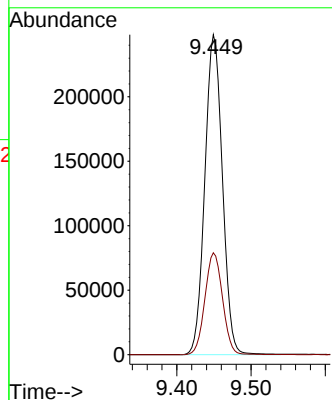
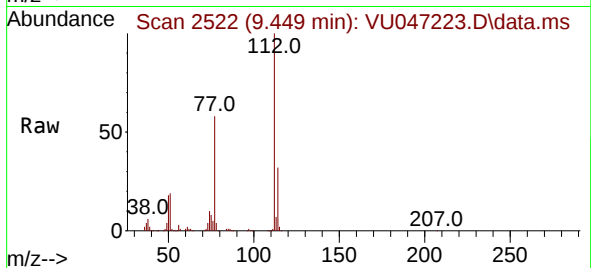
114 31.9 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#60

1,1,1,2-Tetrachloroethane

Concen: 10.378 ug/l

RT: 9.539 min Scan# 2550

Delta R.T. 0.003 min

Lab File: VU047223.D

Acq: 21 Feb 2022 10:18

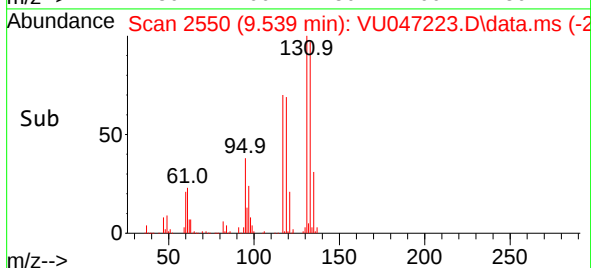
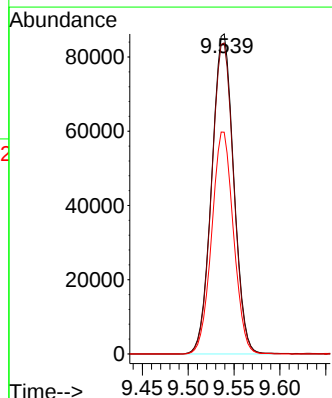
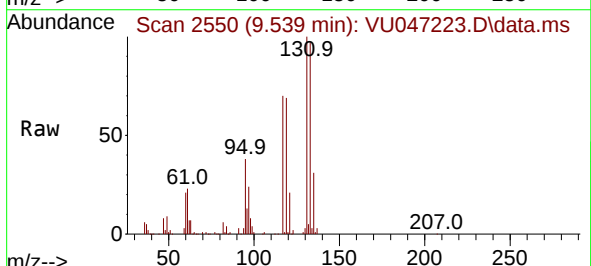
Tgt Ion:131 Resp: 144030

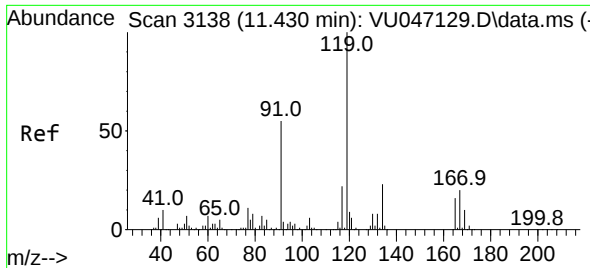
Ion Ratio Lower Upper

131 100

133 97.3 76.0 114.0

119 68.5 54.9 82.3





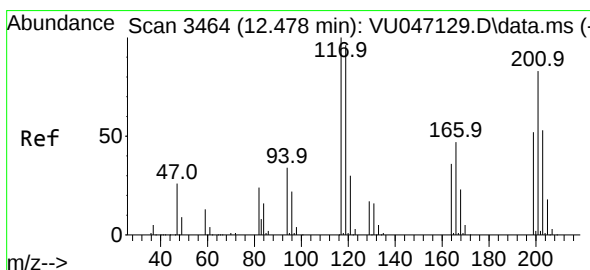
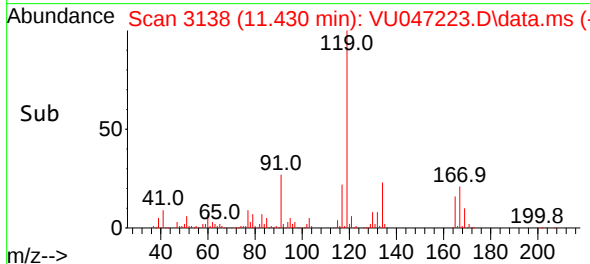
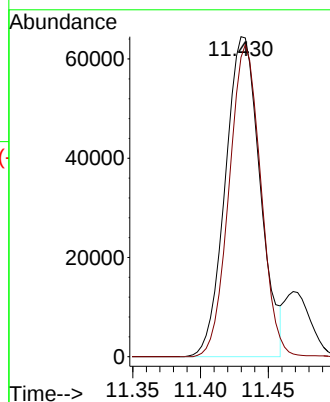
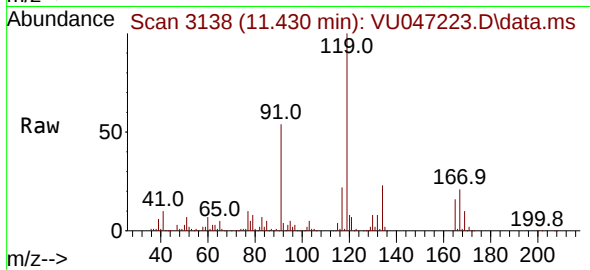
#61
Pentachloroethane
Concen: 10.926 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. 0.000 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 11511
Ion Ratio Lower Upper
117 100
167 88.5 59.7 89.5

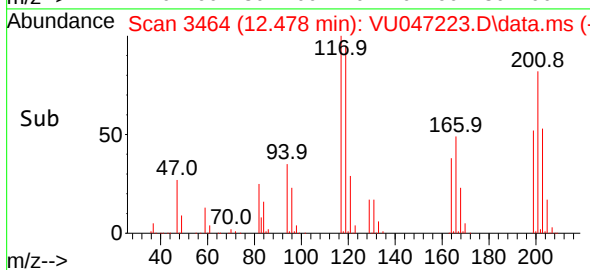
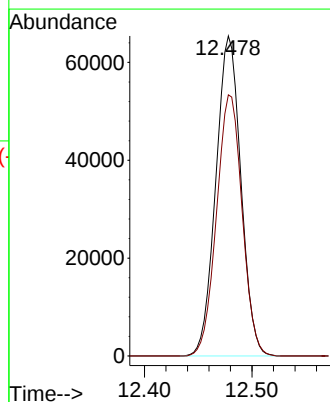
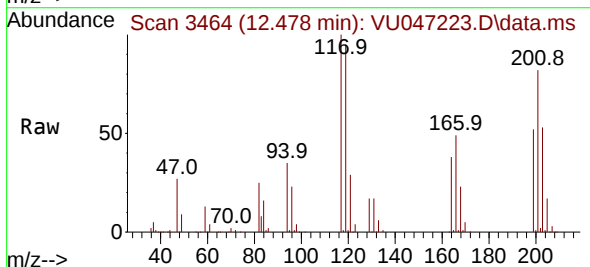
Manual Integrations
APPROVED

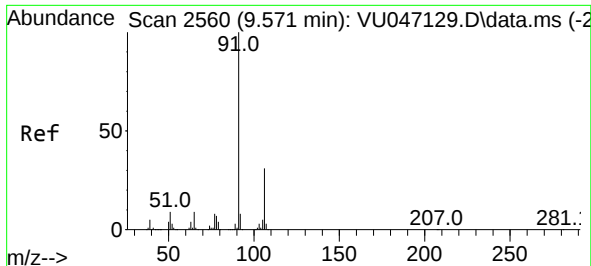
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#62
Hexachloroethane
Concen: 9.306 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.000 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

Tgt Ion:117 Resp: 105852
Ion Ratio Lower Upper
117 100
201 83.5 53.6 80.4#





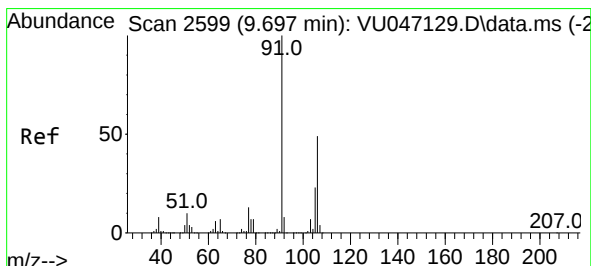
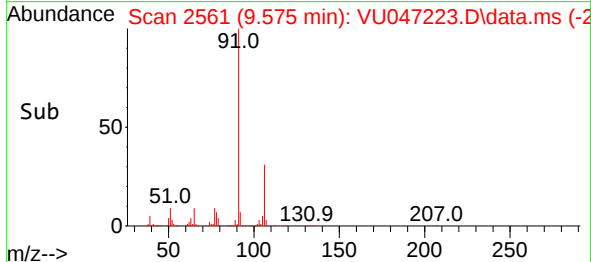
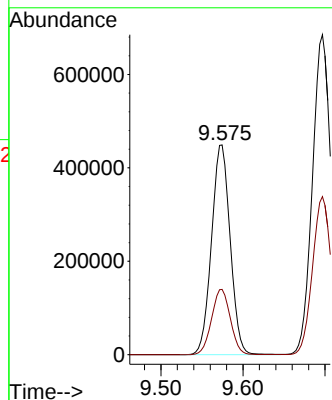
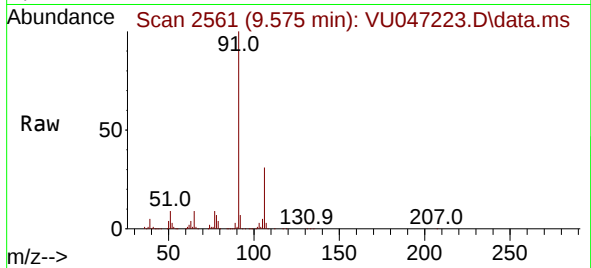
#63
Ethyl Benzene
Concen: 9.995 ug/l
RT: 9.575 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 70947
Ion Ratio Lower Upper
91 100
106 31.1 24.4 36.6

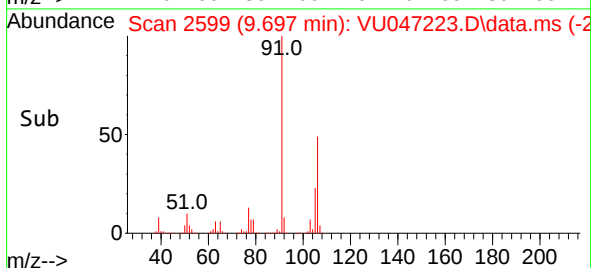
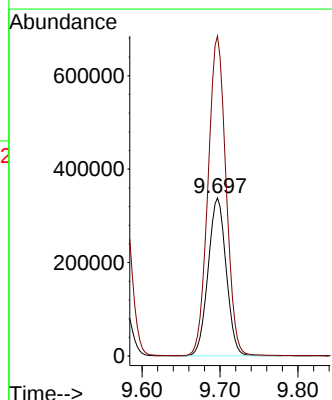
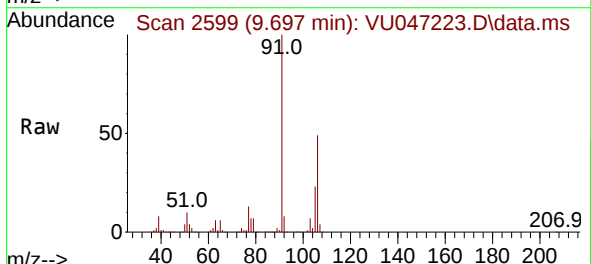
Manual Integrations
APPROVED

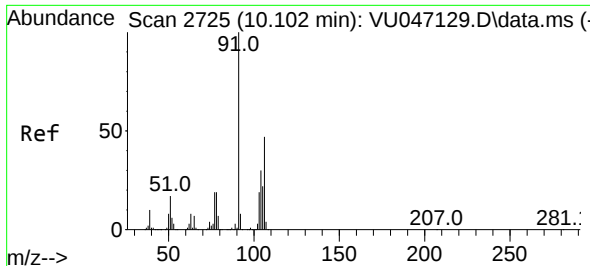
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#64
m/p-Xylenes
Concen: 20.128 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

Tgt Ion:106 Resp: 544593
Ion Ratio Lower Upper
106 100
91 201.5 165.5 248.3





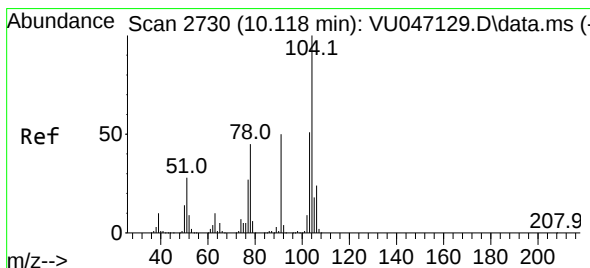
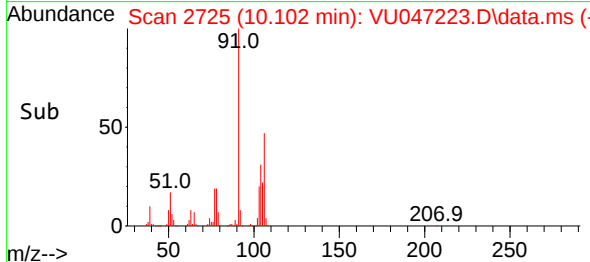
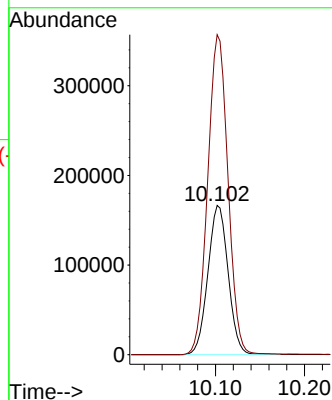
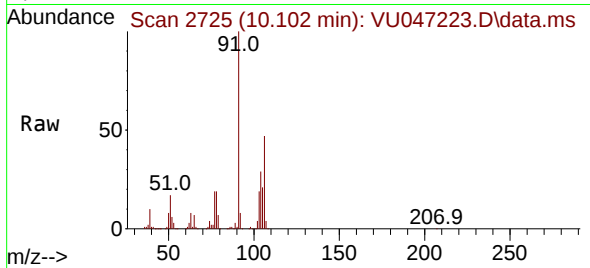
#65
o-Xylene
Concen: 10.027 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:106 Resp: 262810
Ion Ratio Lower Upper
106 100
91 214.4 109.4 328.2

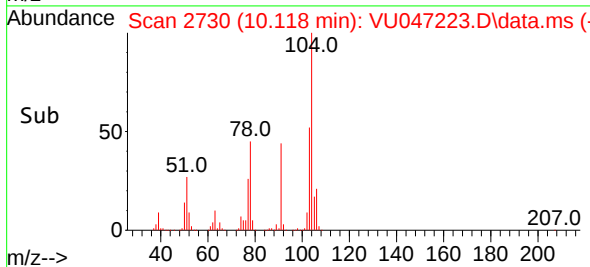
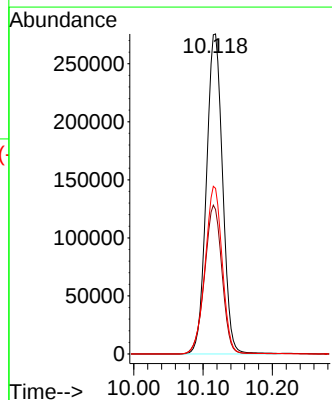
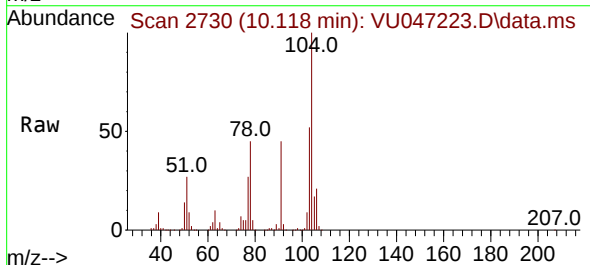
Manual Integrations
APPROVED

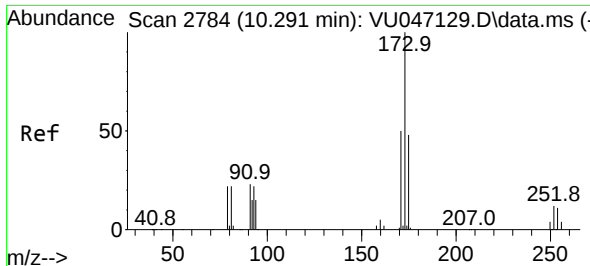
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#66
Styrene
Concen: 10.026 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

Tgt Ion:104 Resp: 446017
Ion Ratio Lower Upper
104 100
78 50.0 42.4 63.6
103 55.5 44.2 66.4





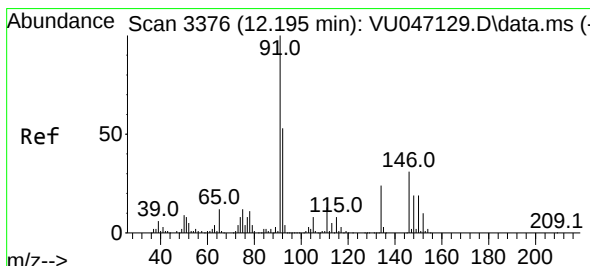
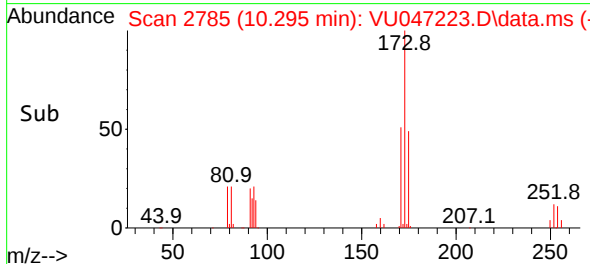
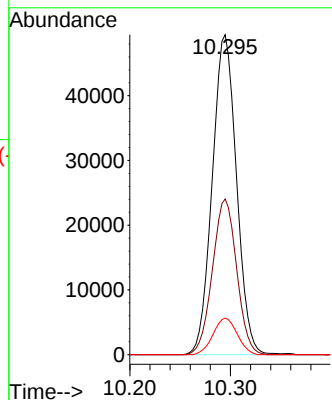
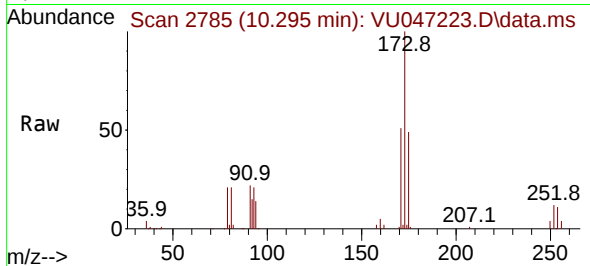
#67
Bromoform
Concen: 9.387 ug/l
RT: 10.295 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:173 Resp: 8267
Ion Ratio Lower Upper
173 100
175 48.6 39.0 58.4
254 11.4 5.5 8.3

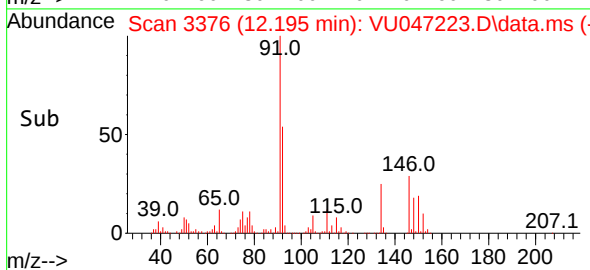
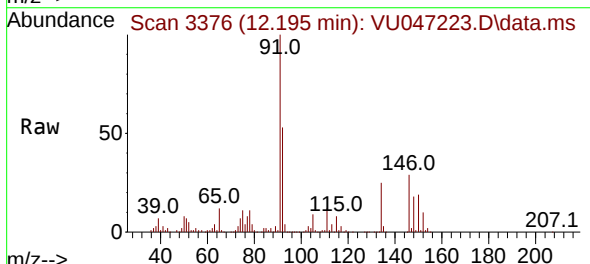
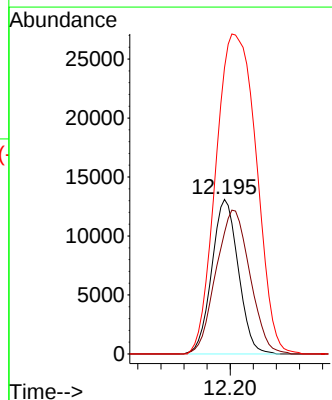
Manual Integrations
APPROVED

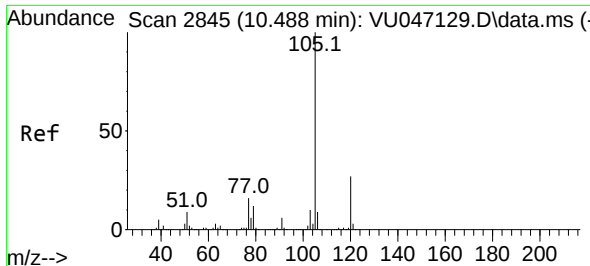
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#68
1,2-Dichlorobenzene-d4
Concen: 0.952 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. 0.000 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

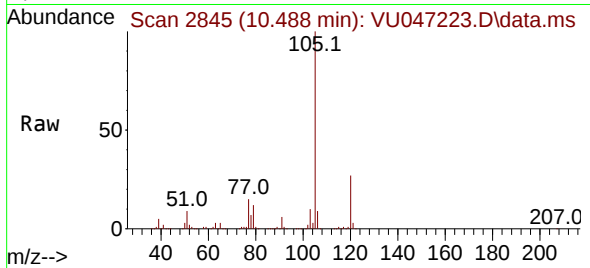
Tgt Ion:152 Resp: 20925
Ion Ratio Lower Upper
152 100
115 118.8 0.0 251.0
150 315.3 0.0 613.8





#69
Isopropylbenzene
Concen: 10.032 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

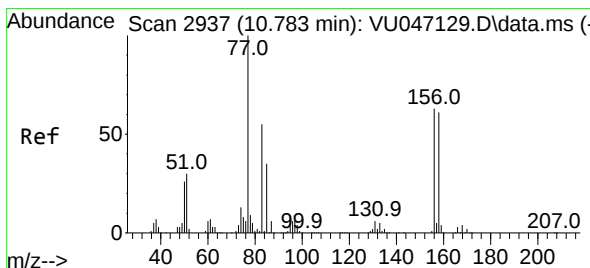
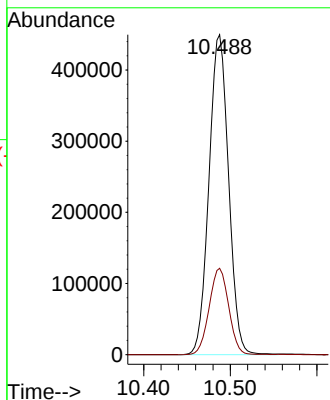
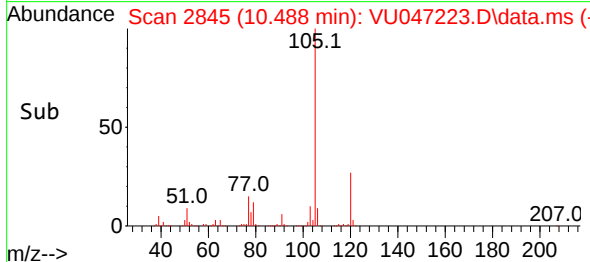
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



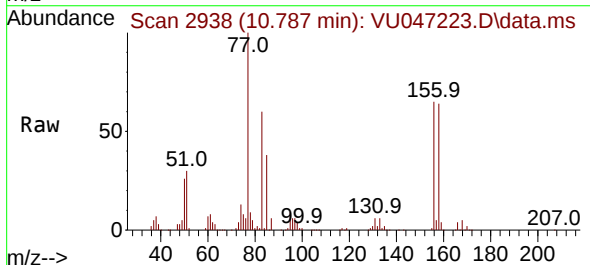
Tgt Ion:105 Resp: 707150
Ion Ratio Lower Upper
105 100
120 26.9 12.8 38.4

Manual Integrations
APPROVED

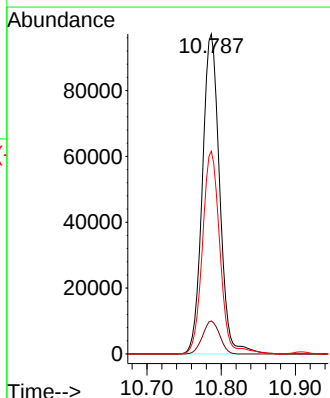
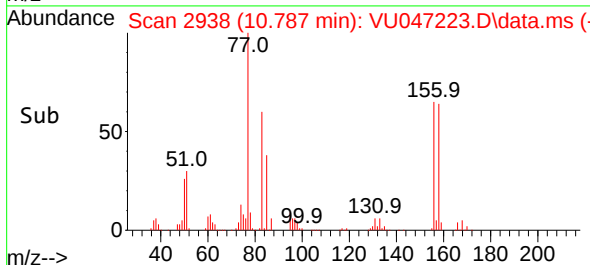
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

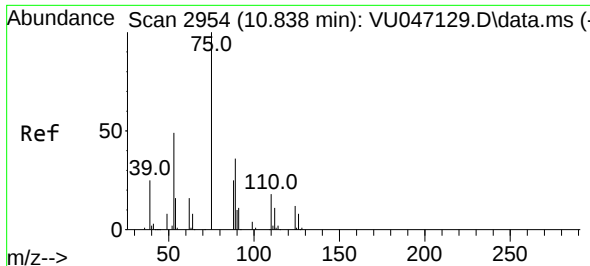


#70
1,1,2,2-Tetrachloroethane
Concen: 10.145 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18



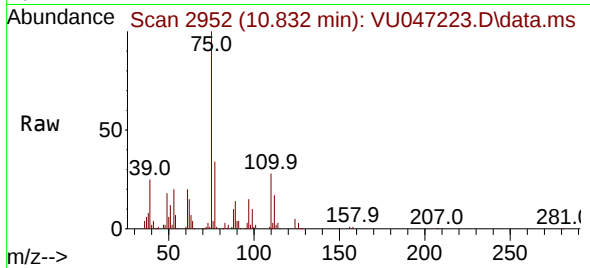
Tgt Ion: 83 Resp: 156798
Ion Ratio Lower Upper
83 100
131 10.2 7.6 11.4
85 64.1 50.9 76.3





#71
1,2,3-Trichloropropane
Concen: 9.470 ug/l m
RT: 10.832 min Scan# 2954
Delta R.T. -0.006 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

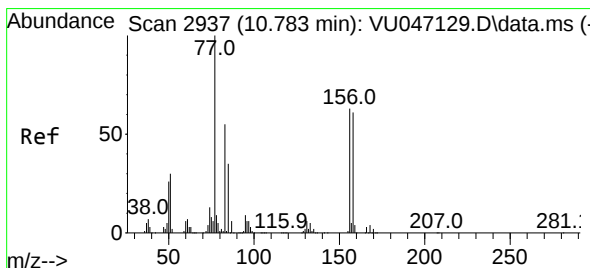
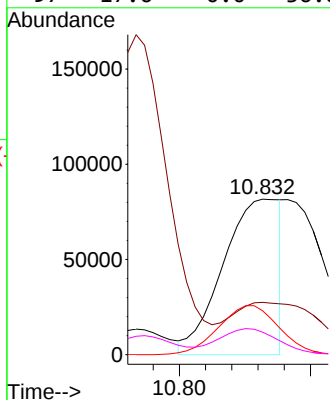
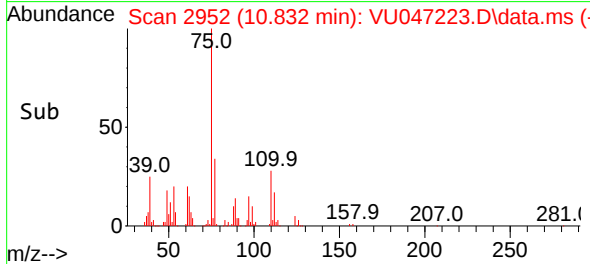
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



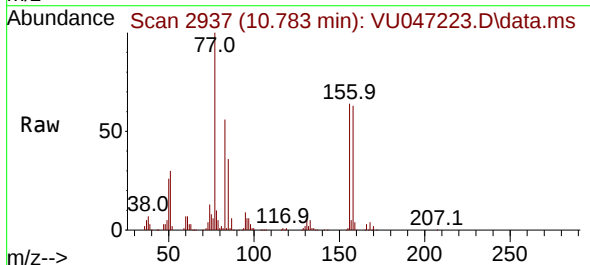
Tgt Ion: 75 Resp: 123529
Ion Ratio Lower Upper
75 100
77 50.3 0.0 105.6
110 33.6 0.0 71.2
97 17.6 0.0 36.8

Manual Integrations
APPROVED

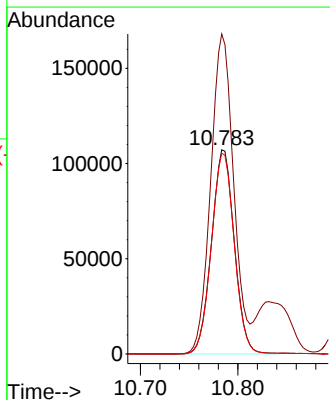
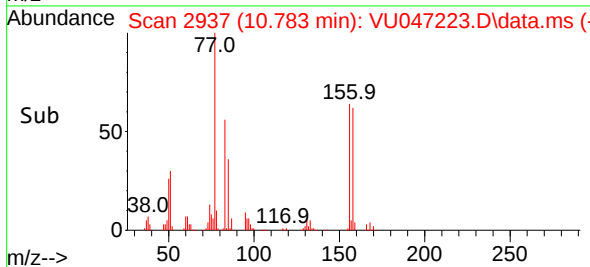
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

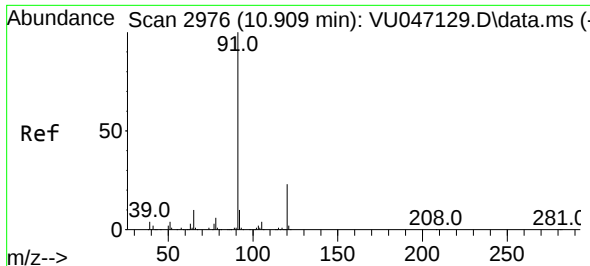


#72
Bromobenzene
Concen: 10.143 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18



Tgt Ion:156 Resp: 174612
Ion Ratio Lower Upper
156 100
77 157.1 0.0 370.6
158 98.9 0.0 193.4





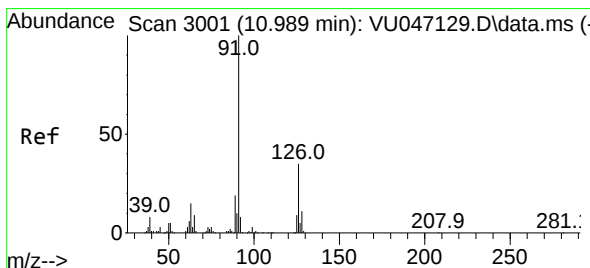
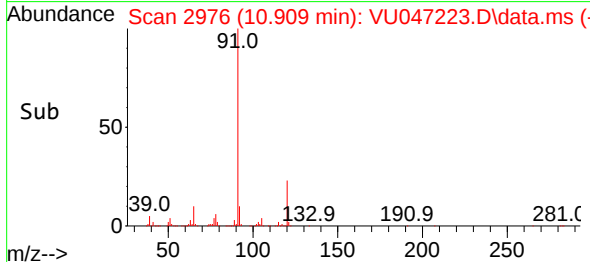
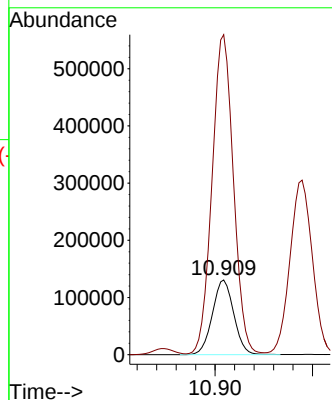
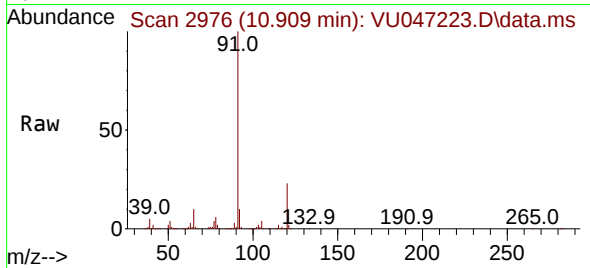
#73
n-propylbenzene
Concen: 10.250 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.000 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:120 Resp: 198900
Ion Ratio Lower Upper
120 100
91 427.8 370.7 556.1

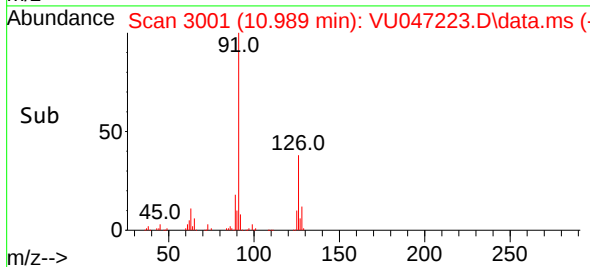
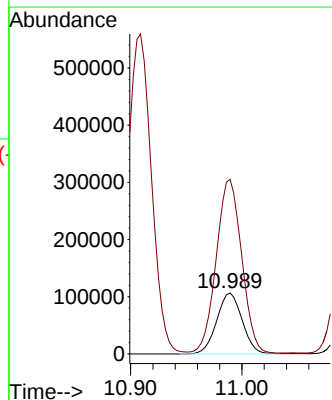
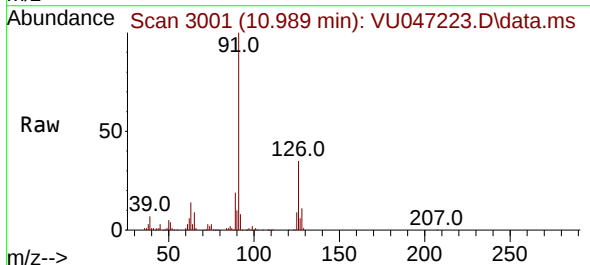
Manual Integrations
APPROVED

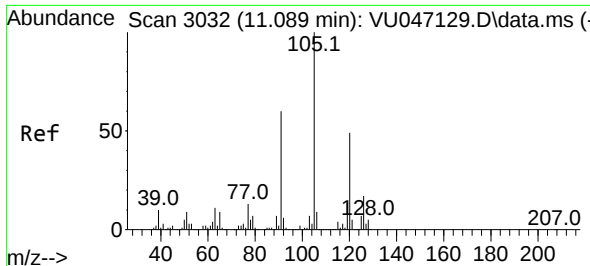
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#74
2-Chlorotoluene
Concen: 10.208 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

Tgt Ion:126 Resp: 168867
Ion Ratio Lower Upper
126 100
91 285.6 0.0 639.6





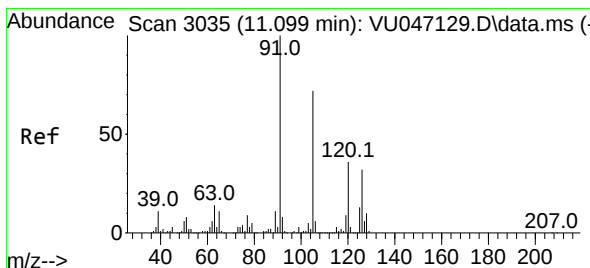
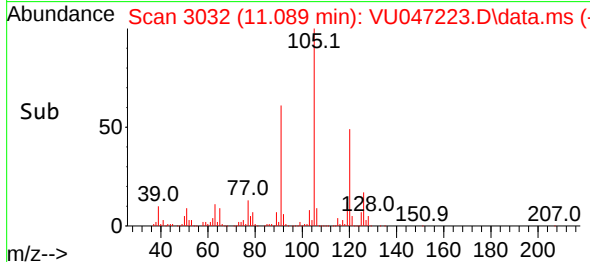
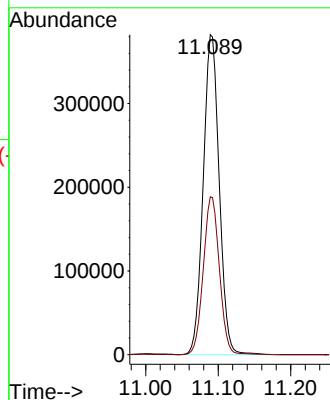
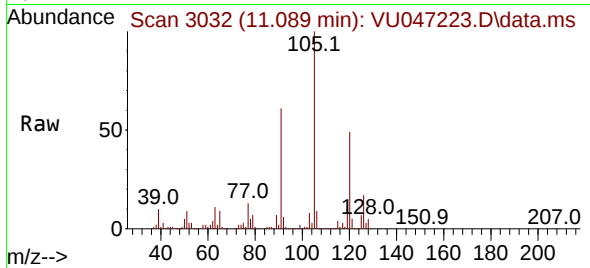
#75
1,3,5-Trimethylbenzene
Concen: 10.141 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 586259
Ion Ratio Lower Upper
105 100
120 49.6 38.6 58.0

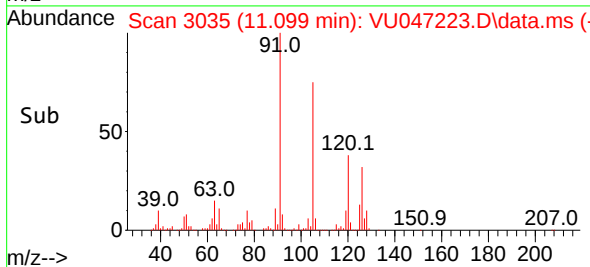
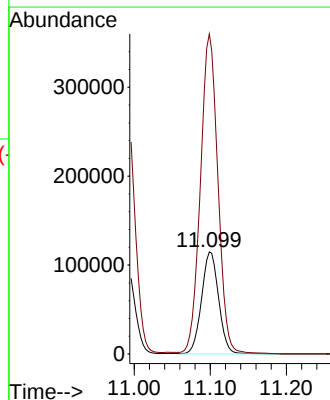
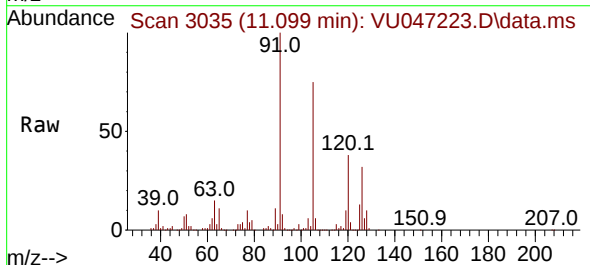
Manual Integrations
APPROVED

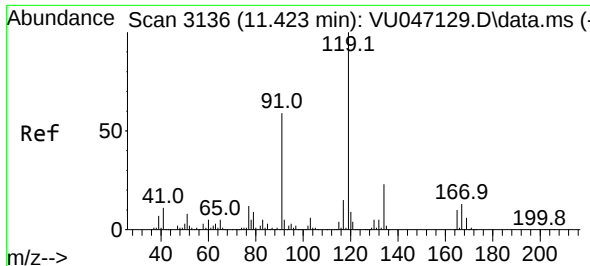
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#76
4-Chlorotoluene
Concen: 10.329 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

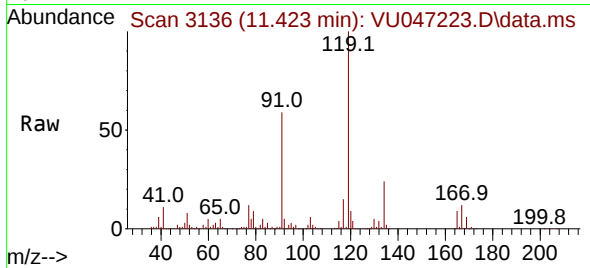
Tgt Ion:126 Resp: 179530
Ion Ratio Lower Upper
126 100
91 320.7 0.0 728.0





#77
tert-Butylbenzene
Concen: 10.269 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

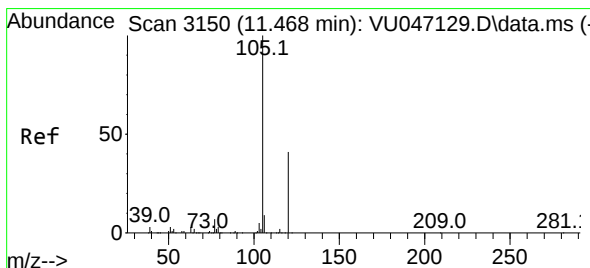
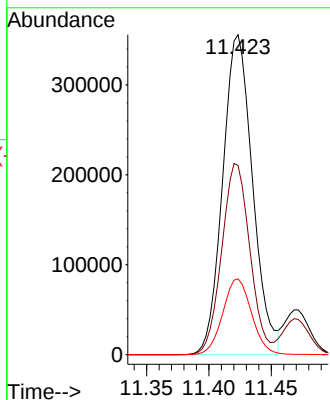
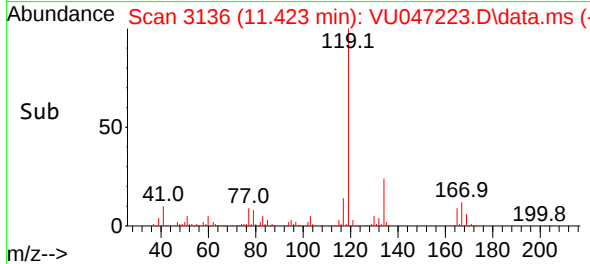
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



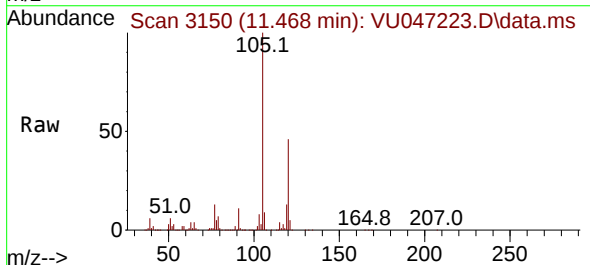
Tgt Ion:119 Resp: 595674
Ion Ratio Lower Upper
119 100
91 56.1 31.4 94.3
134 22.8 18.5 27.7

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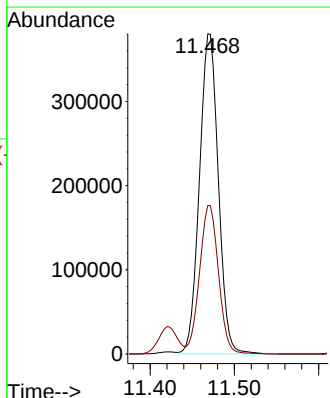
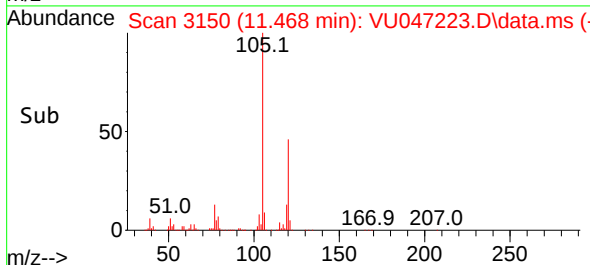
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

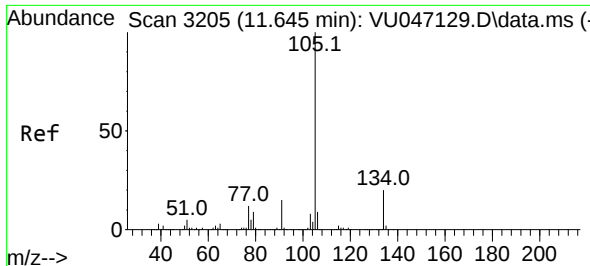


#78
1,2,4-Trimethylbenzene
Concen: 10.076 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18



Tgt Ion:105 Resp: 594474
Ion Ratio Lower Upper
105 100
120 46.4 22.3 66.8





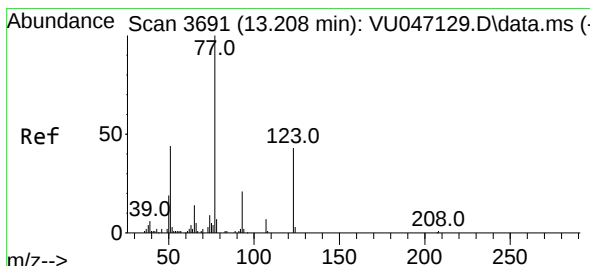
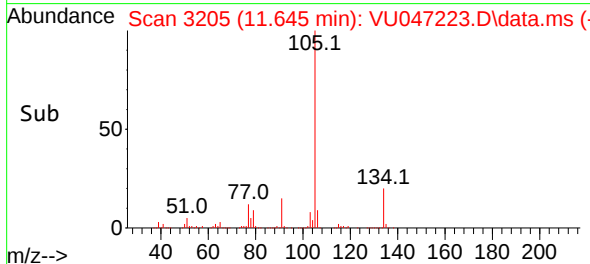
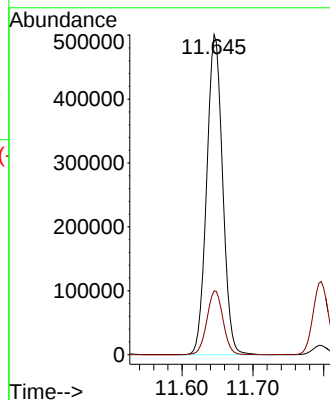
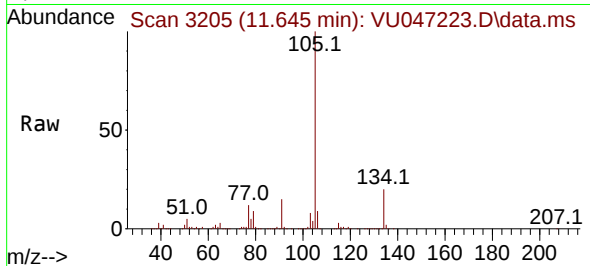
#79
 sec-Butylbenzene
 Concen: 10.125 ug/l
 RT: 11.645 min Scan# 3205
 Delta R.T. 0.000 min
 Lab File: VU047223.D
 Acq: 21 Feb 2022 10:18

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion:105 Resp: 779904
 Ion Ratio Lower Upper
 105 100
 134 20.3 15.4 23.0

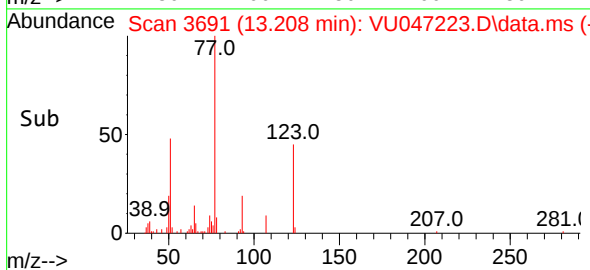
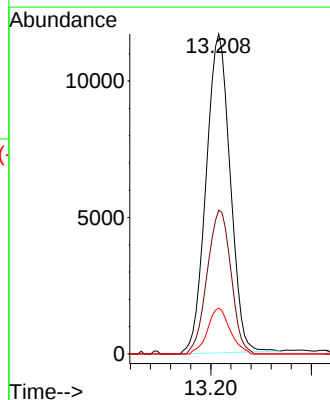
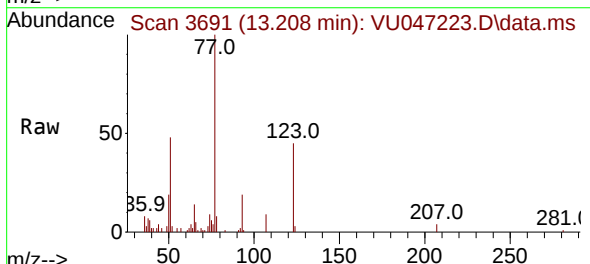
Manual Integrations
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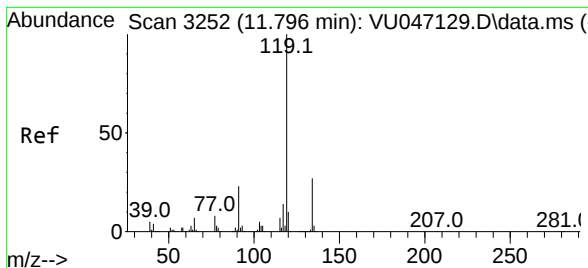
Reviewed By :John Carlone 02/22/2022
 Supervised By :Mahesh Dadoda 02/22/2022



#80
 Nitrobenzene
 Concen: 26.015 ug/l
 RT: 13.208 min Scan# 3691
 Delta R.T. 0.000 min
 Lab File: VU047223.D
 Acq: 21 Feb 2022 10:18

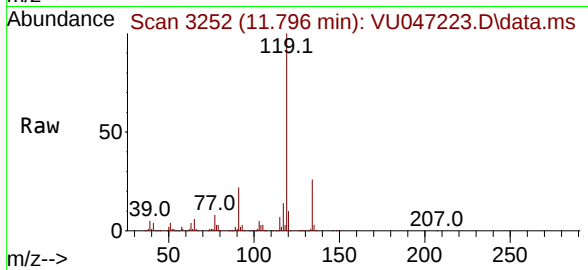
Tgt Ion: 77 Resp: 19412
 Ion Ratio Lower Upper
 77 100
 123 44.5 18.2 64.4
 65 13.4 12.0 15.2





#81
p-Isopropyltoluene
Concen: 10.171 ug/l
RT: 11.796 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

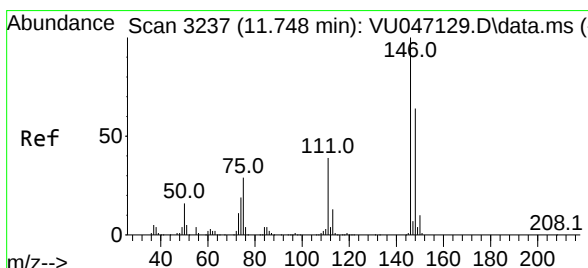
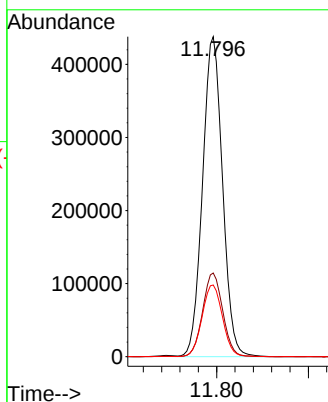
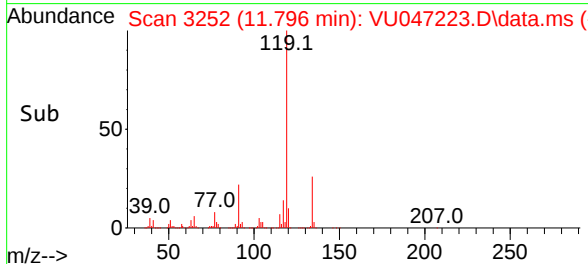
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



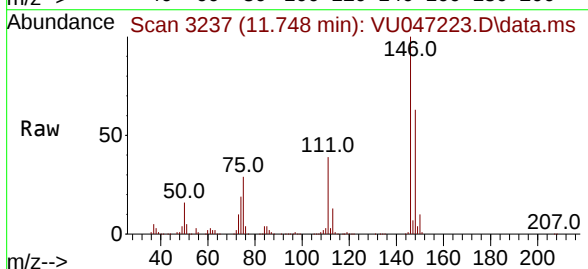
Tgt Ion:119 Resp: 662884
Ion Ratio Lower Upper
119 100
134 26.3 20.2 30.4
91 22.9 19.9 29.9

Manual Integrations
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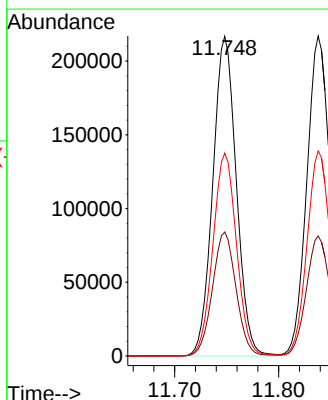
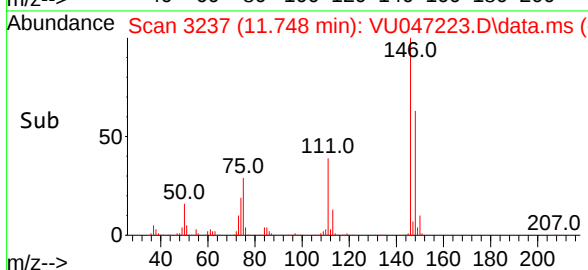
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

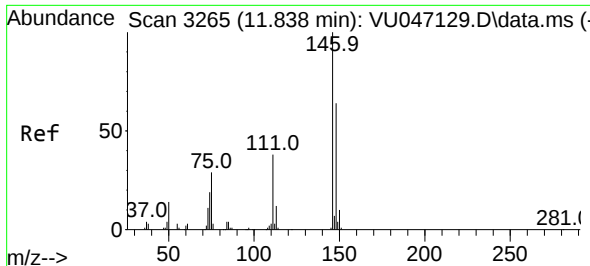


#82
1,3-Dichlorobenzene
Concen: 10.182 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18



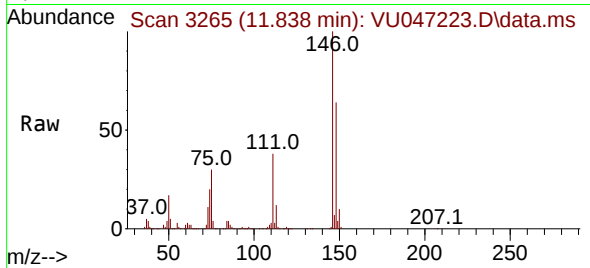
Tgt Ion:146 Resp: 341252
Ion Ratio Lower Upper
146 100
111 38.9 33.9 50.9
148 63.8 50.9 76.3





#83
1,4-Dichlorobenzene
Concen: 10.115 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

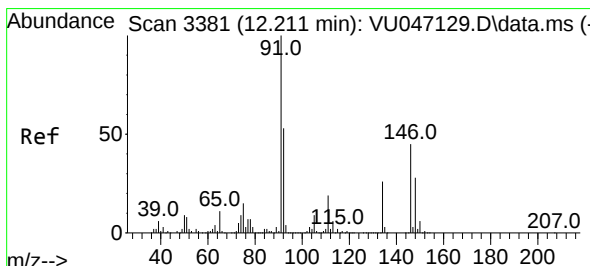
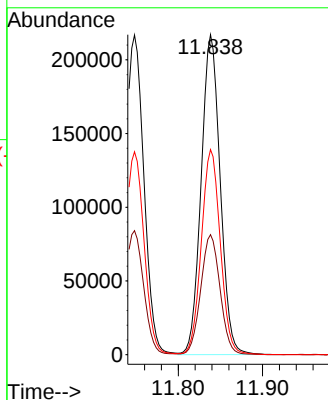
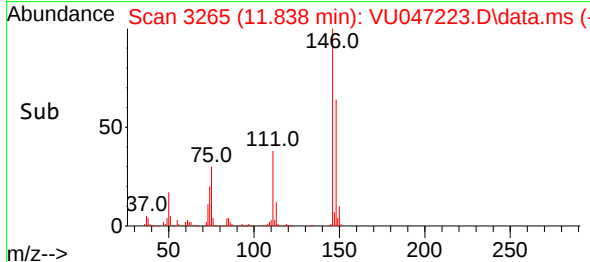
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



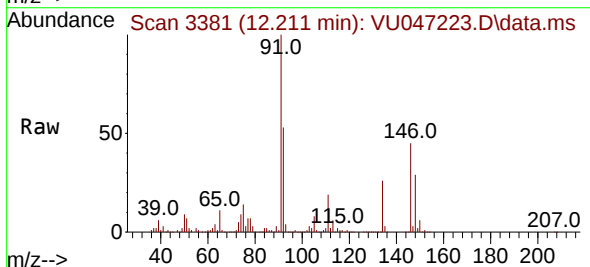
Tgt Ion:146 Resp: 34147
Ion Ratio Lower Upper
146 100
111 38.1 32.7 49.1
148 63.9 51.4 77.0

Manual Integrations
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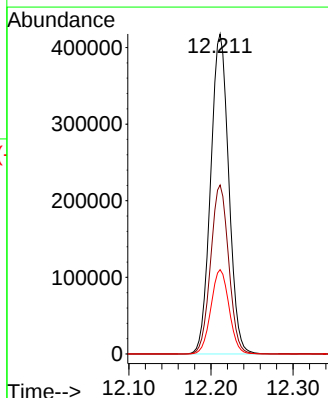
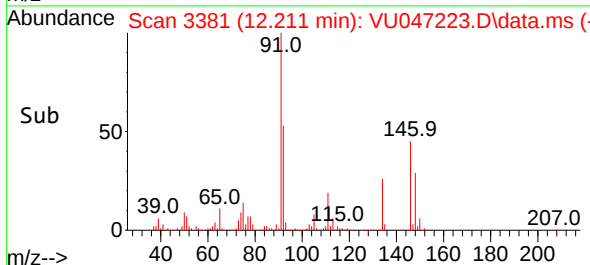
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

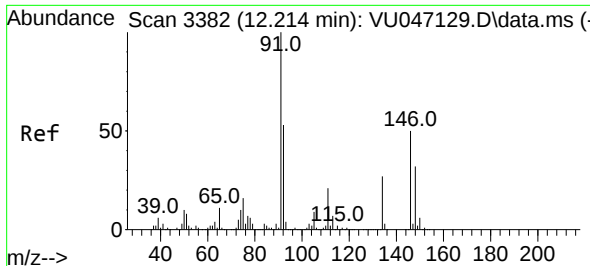


#84
n-Butylbenzene
Concen: 10.216 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18



Tgt Ion: 91 Resp: 639406
Ion Ratio Lower Upper
91 100
92 52.7 43.5 65.3
134 26.3 19.0 28.4





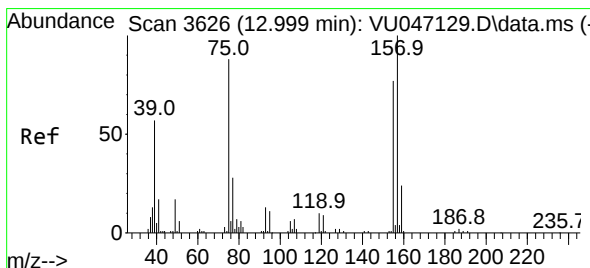
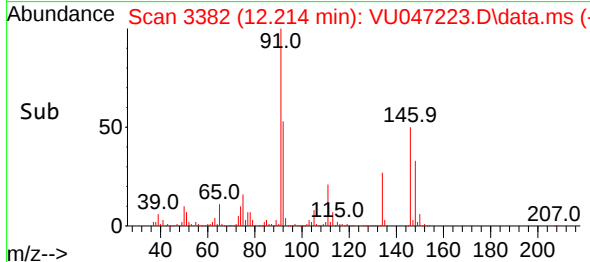
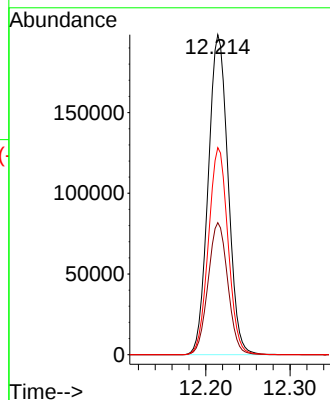
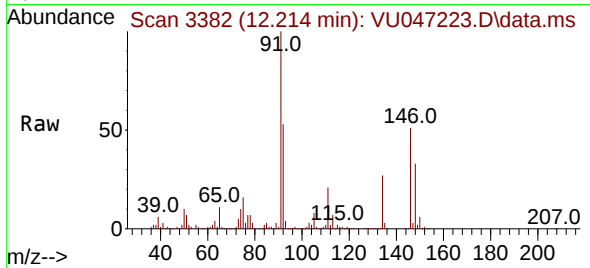
#85
1,2-Dichlorobenzene
Concen: 10.056 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 324415
Ion Ratio Lower Upper
146 100
111 41.0 22.1 66.1
148 63.9 31.6 94.7

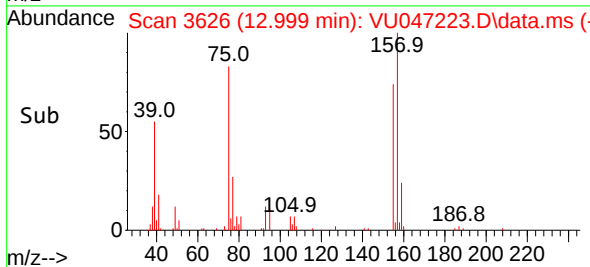
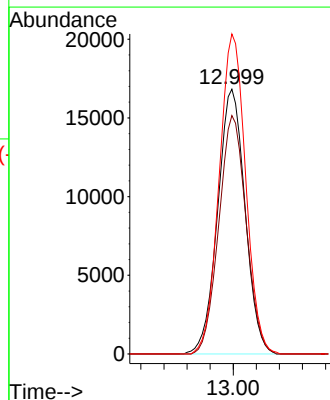
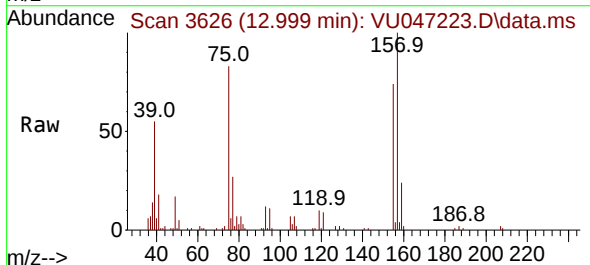
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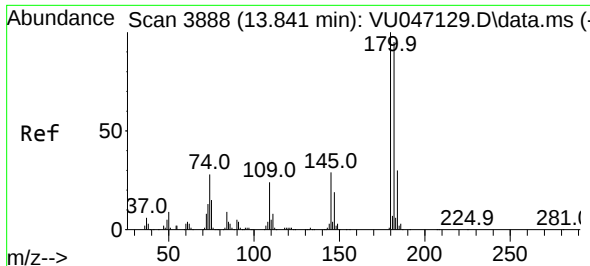
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#86
1,2-Dibromo-3-Chloropropane
Concen: 9.771 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

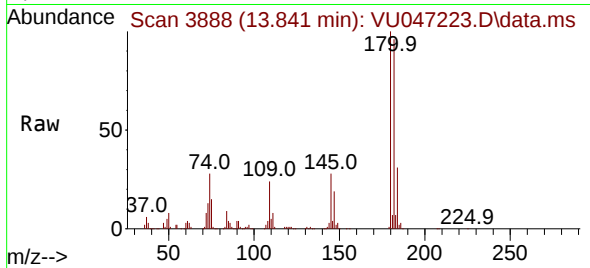
Tgt Ion: 75 Resp: 27689
Ion Ratio Lower Upper
75 100
155 89.6 57.8 86.8#
157 116.9 75.1 112.7#





#87
1,2,4-Trichlorobenzene
Concen: 10.196 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

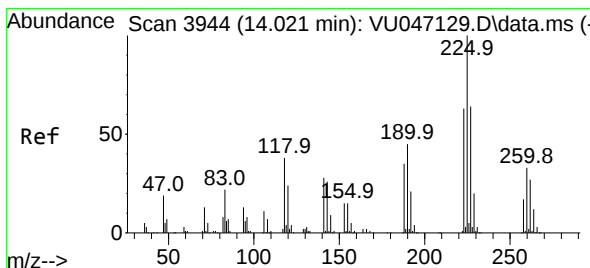
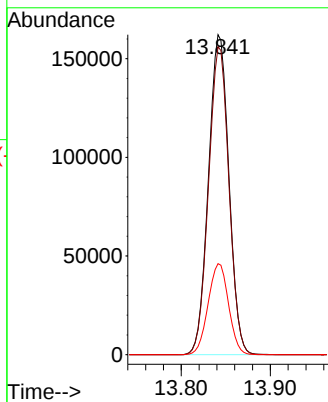
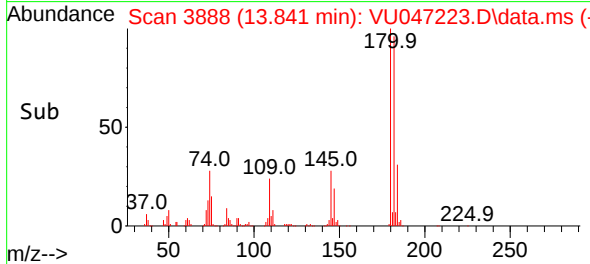
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:180 Resp: 258254
Ion Ratio Lower Upper
180 100
182 95.9 75.8 113.8
145 28.4 25.3 37.9

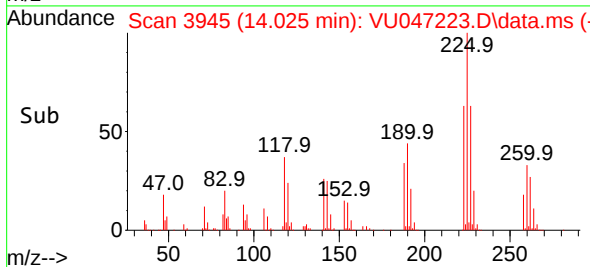
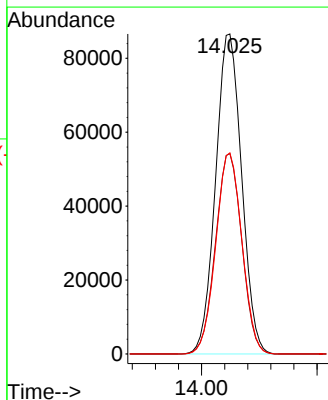
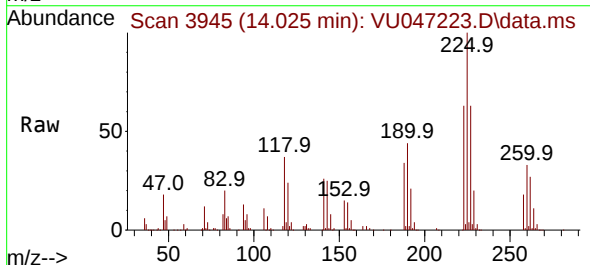
Manual Integrations
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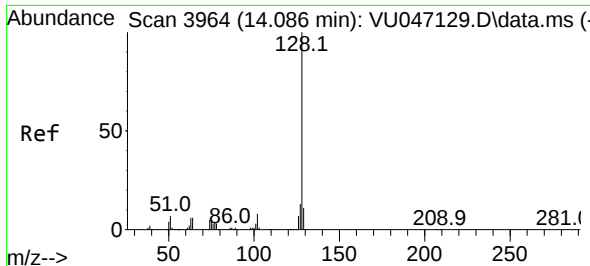
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#88
Hexachlorobutadiene
Concen: 10.480 ug/l
RT: 14.025 min Scan# 3945
Delta R.T. 0.003 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

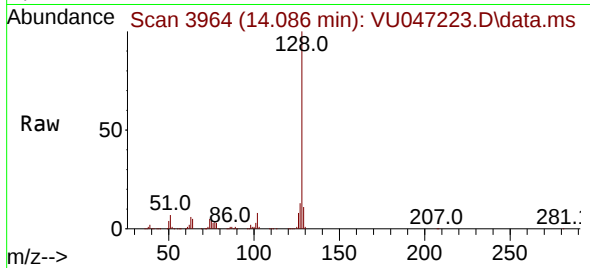
Tgt Ion:225 Resp: 135717
Ion Ratio Lower Upper
225 100
223 63.2 51.1 76.7
227 63.0 49.9 74.9





#89
Naphthalene
Concen: 9.695 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

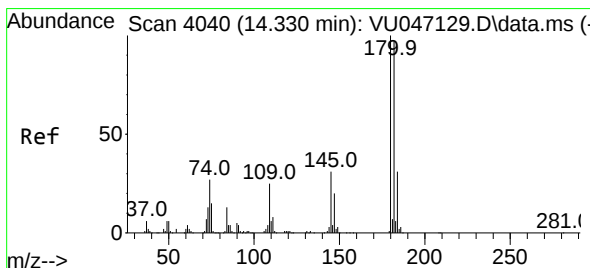
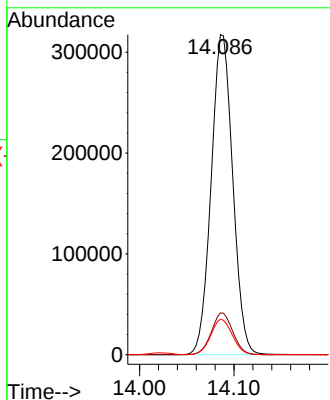
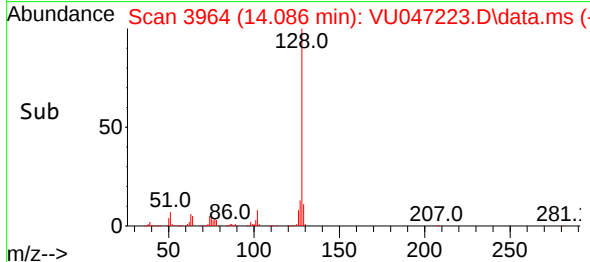
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:128 Resp: 503002
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 11.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#90
1,2,3-Trichlorobenzene
Concen: 10.304 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047223.D
Acq: 21 Feb 2022 10:18

Tgt Ion:180 Resp: 234102
Ion Ratio Lower Upper
180 100
182 95.5 75.4 113.0
145 30.2 27.0 40.4

