

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022322\
 Data File : VU047241.D
 Acq On : 23 Feb 2022 10:01
 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 02/24/2022
 Supervised By : Mahesh Dadoda 02/24/2022

Quant Time: Feb 24 05:56:59 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	51198	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	19095	0.963	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	22175	1.074	ug/l	0.00
Spiked Amount 1.000			Recovery	=	107.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	166504	9.754	ug/l	99
3) Chloromethane	1.533	50	200089	11.412	ug/l	99
4) Vinyl Chloride	1.607	62	162995	9.417	ug/l	98
5) Bromomethane	1.864	94	80760	7.143	ug/l	100
6) Chloroethane	1.938	64	99484	10.005	ug/l	100
7) Trichlorofluoromethane	2.144	101	214880	10.533	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	121114	10.300	ug/l	93
9) 1,1-Dichloroethene	2.588	96	119571	9.881	ug/l	94
10) Iodomethane	2.729	142	102172	7.353	ug/l	99
11) Allyl Chloride	2.929	41	172070	9.122	ug/l	96
12) Acrylonitrile	3.330	53	67543	19.015	ug/l	93
13) Acetone	2.655	43	131848	59.843	ug/l	99
14) Carbon Disulfide	2.800	76	390677	9.544	ug/l	100
15) Methylene Chloride	3.051	84	133887	9.851	ug/l	96
16) trans-1,2-Dichloroethene	3.356	96	129761	10.160	ug/l	97
17) 1,1-Dichloroethane	3.874	63	224179	9.580	ug/l	99
18) 2-Butanone	4.726	43	207095	57.874	ug/l	98
19) Cyclohexane	5.391	56	201178m	9.279	ug/l	
20) Methylcyclohexane	6.768	83	227669	9.527	ug/l	97
21) 2,2-Dichloropropane	4.671	77	206450	9.872	ug/l	96
22) cis-1,2-Dichloroethene	4.671	96	143117	9.743	ug/l	93
23) Diethyl Ether	2.382	59	95996	9.815	ug/l	98
24) tert-Butyl Alcohol	3.282	59	150630m	236.807	ug/l	
25) Methyl tert-Butyl Ether	3.372	73	329928	9.722	ug/l	97
26) Bromochloromethane	4.980	128	67221	10.177	ug/l	86
27) Chloroform	5.096	83	235217	9.906	ug/l	99
28) 1,1,1-Trichloroethane	5.321	97	203619	9.905	ug/l	96
29) 1,1-Dichloropropene	5.530	75	182436	9.695	ug/l	97
30) Carbon Tetrachloride	5.530	117	179672	9.941	ug/l	99
31) Isopropyl Ether	4.002	45	357637	9.555	ug/l	98
32) Ethyl-t-butyl ether	4.510	59	358623	9.426	ug/l	98
33) Tert-Amyl methyl ether	5.948	73	332214	9.480	ug/l	99
34) Propionitrile	4.803	54	65601	59.636	ug/l	# 1
35) Benzene	5.777	78	522146	9.902	ug/l	99
36) 1,2-Dichloroethane	5.800	62	157013	9.834	ug/l	100
37) Trichloroethene	6.546	130	145219	9.946	ug/l	96
38) 1,2-Dichloropropane	6.797	63	134224	9.618	ug/l	99
39) Methacrylonitrile	4.983	41	48119	10.005	ug/l	97
40) Methyl acrylate	4.851	55	95029	11.689	ug/l	98
41) Tetrahydrofuran	5.073	42	51421	20.987	ug/l	98
42) 1-Chlorobutane	5.462	56	242717	9.606	ug/l	99
43) Dibromomethane	6.922	93	75585	10.043	ug/l	# 90
44) Bromodichloromethane	7.108	83	175391	9.854	ug/l	98

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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 15 03:17:28 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.797	43	477459	46.907	ug/l	99
46) t-1,4-Dichloro-2-butene	10.841	75	98378m	22.202	ug/l	
47) Methyl methacrylate	6.964	69	152646	19.340	ug/l	93
48) Ethyl methacrylate	8.337	69	152731	9.546	ug/l	93
49) Toluene	7.970	92	334948	9.847	ug/l	99
50) t-1,3-Dichloropropene	8.214	75	185734	9.641	ug/l	99
51) cis-1,3-Dichloropropene	7.610	75	209188	9.685	ug/l	97
52) 1,1,2-Trichloroethane	8.404	97	106811	9.947	ug/l	99
53) 1,3-Dichloropropane	8.578	76	181871	9.480	ug/l	100
54) 2-Hexanone	8.687	43	352179	46.442	ug/l	99
55) Dibromochloromethane	8.813	129	128837	9.869	ug/l	99
56) 1,2-Dibromoethane	8.925	107	107079	9.867	ug/l	97
58) Tetrachloroethene	8.555	164	129793	9.634	ug/l	97
59) Chlorobenzene	9.449	112	368171	9.707	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.536	131	132746	10.183	ug/l	99
61) Pentachloroethane	11.430	117	107378	10.851	ug/l #	82
62) Hexachloroethane	12.478	117	107107	10.025	ug/l #	76
63) Ethyl Benzene	9.571	91	645712	9.685	ug/l	99
64) m/p-Xylenes	9.697	106	494478	19.457	ug/l	97
65) o-Xylene	10.102	106	239856	9.743	ug/l	96
66) Styrene	10.115	104	414177	9.912	ug/l	97
67) Bromoform	10.292	173	83746	10.123	ug/l #	97
69) Isopropylbenzene	10.485	105	639766	9.663	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.784	83	145986	10.056	ug/l	99
71) 1,2,3-Trichloropropane	10.835	75	107906m	8.807	ug/l	
72) Bromobenzene	10.784	156	164337	10.163	ug/l	85
73) n-propylbenzene	10.909	120	179920	9.871	ug/l	88
74) 2-Chlorotoluene	10.986	126	155028	9.977	ug/l	83
75) 1,3,5-Trimethylbenzene	11.089	105	545890	10.054	ug/l	98
76) 4-Chlorotoluene	11.099	126	164522	10.078	ug/l	81
77) tert-Butylbenzene	11.423	119	545637	10.015	ug/l	94
78) 1,2,4-Trimethylbenzene	11.468	105	557360	10.058	ug/l	97
79) sec-Butylbenzene	11.645	105	720521	9.959	ug/l	97
80) Nitrobenzene	13.208	77	22712	32.405	ug/l	96
81) p-Isopropyltoluene	11.793	119	618330	10.100	ug/l	97
82) 1,3-Dichlorobenzene	11.748	146	319878	10.162	ug/l	97
83) 1,4-Dichlorobenzene	11.838	146	321433	10.137	ug/l	98
84) n-Butylbenzene	12.211	91	609666	10.371	ug/l	97
85) 1,2-Dichlorobenzene	12.214	146	310731	10.255	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.996	75	27717	10.413	ug/l #	74
87) 1,2,4-Trichlorobenzene	13.841	180	261816	11.004	ug/l	98
88) Hexachlorobutadiene	14.021	225	131908	10.844	ug/l	98
89) Naphthalene	14.086	128	509695	10.459	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	238912	11.195	ug/l	97

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

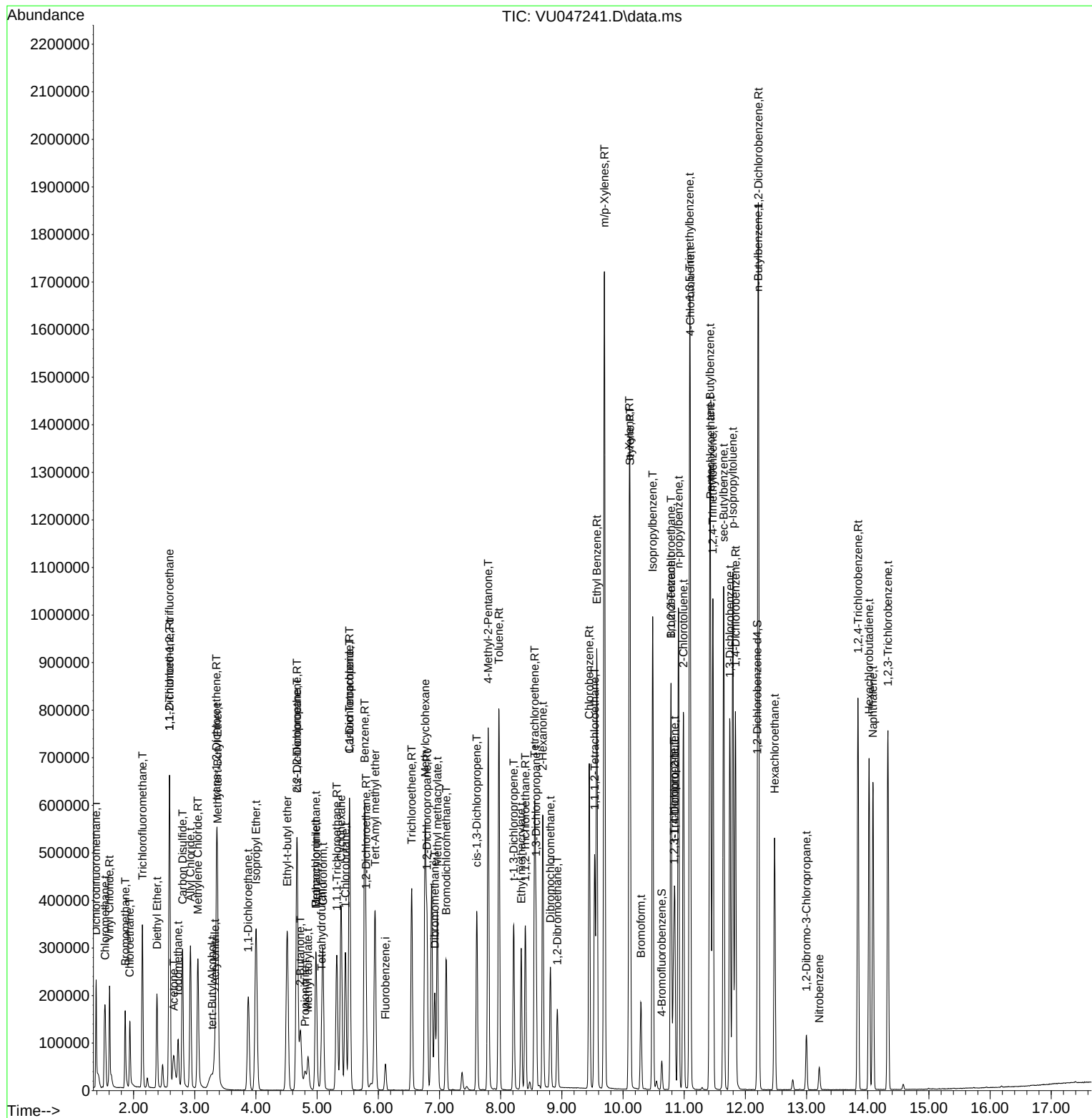
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022322\
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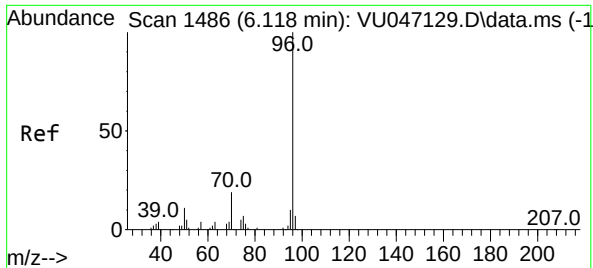
Instrument :
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ClientSampleId :
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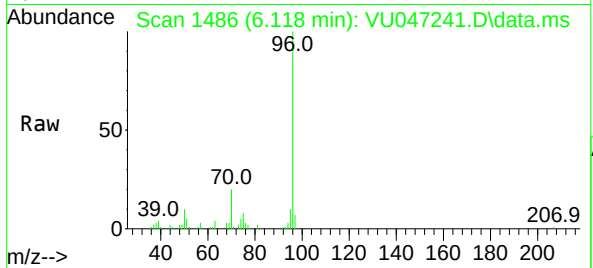
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021422DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01

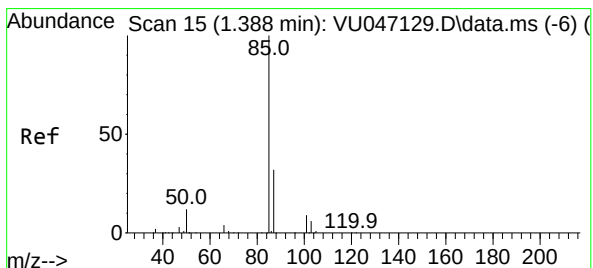
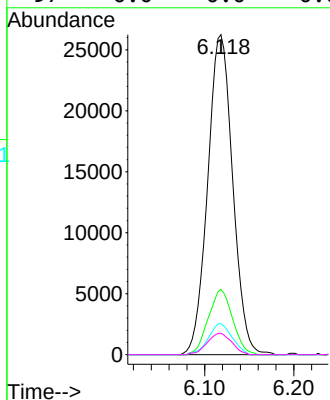
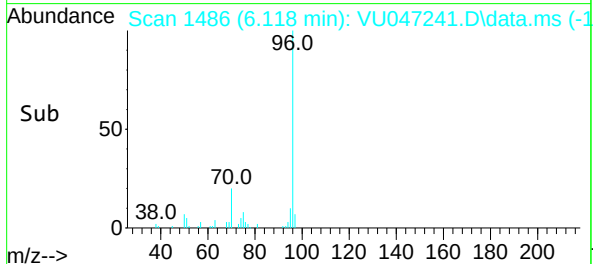
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 96 Resp: 51198
Ion Ratio Lower Upper
96 100
70 19.8 16.8 25.2
95 9.2 7.3 10.9
97 0.0 0.0 0.0

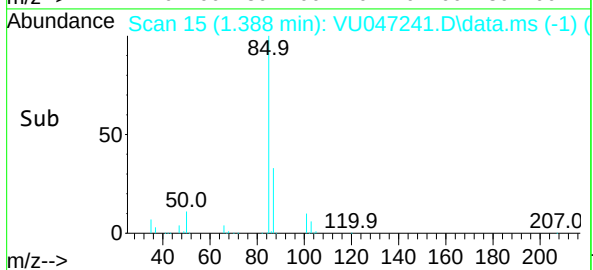
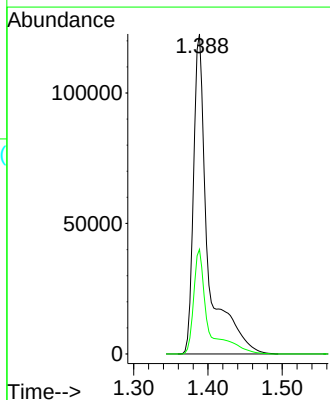
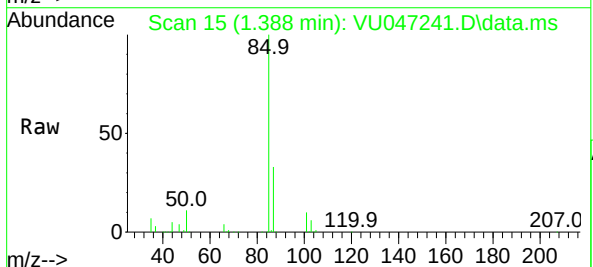
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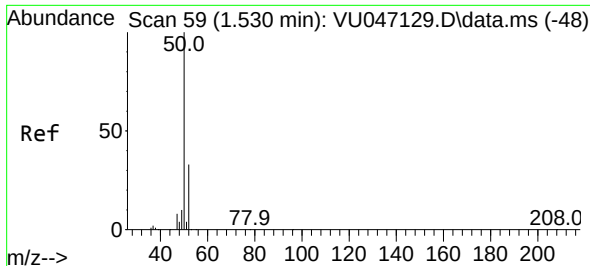
Reviewed By :John Carlone 02/24/2022
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#2
Dichlorodifluoromethane
Concen: 9.754 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01

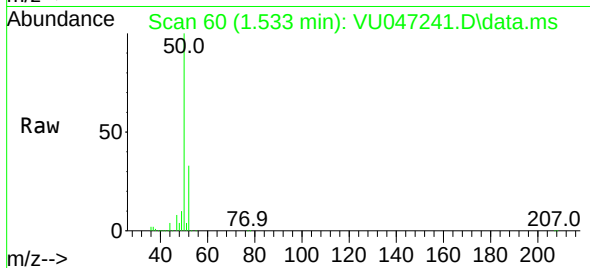
Tgt Ion: 85 Resp: 166504
Ion Ratio Lower Upper
85 100
87 32.7 16.2 48.6





#3
Chloromethane
Concen: 11.412 ug/l
RT: 1.533 min Scan# 60
Delta R.T. 0.003 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01

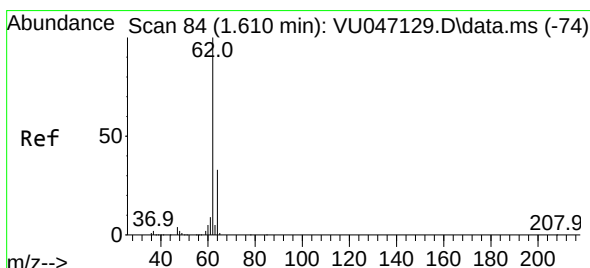
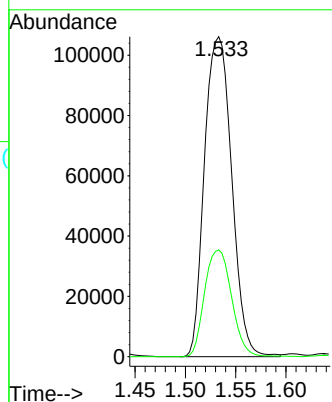
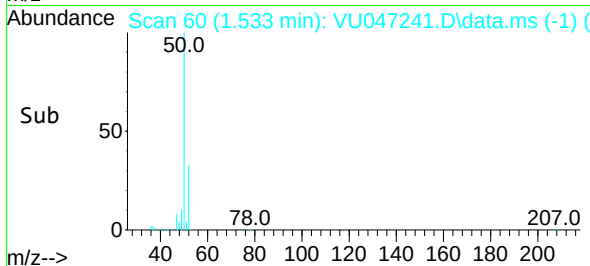
Instrument :
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Tgt Ion: 50 Resp: 200089
Ion Ratio Lower Upper
50 100
52 33.3 26.2 39.4

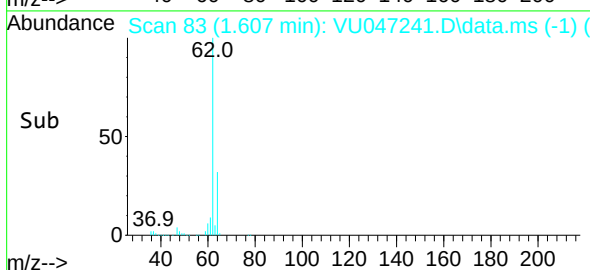
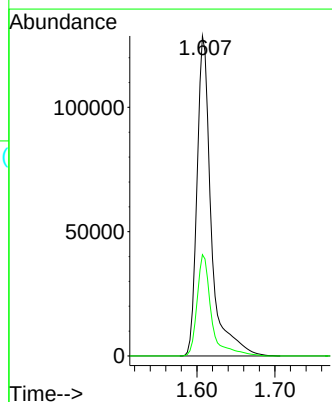
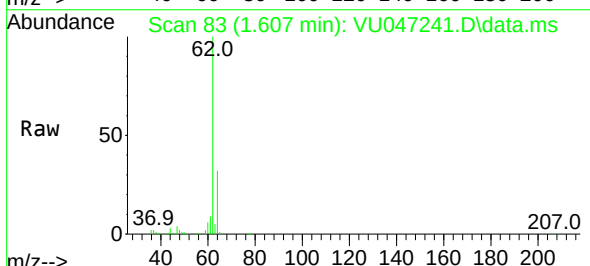
Manual Integrations
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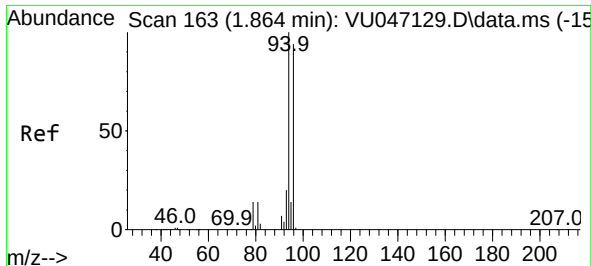
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#4
Vinyl Chloride
Concen: 9.417 ug/l
RT: 1.607 min Scan# 83
Delta R.T. -0.003 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01

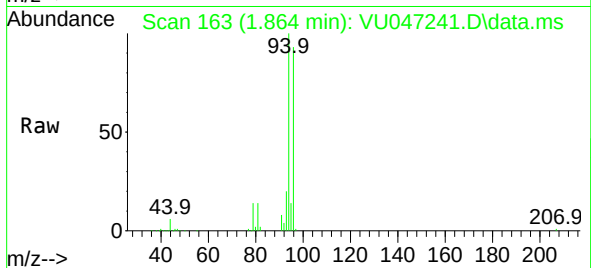
Tgt Ion: 62 Resp: 162995
Ion Ratio Lower Upper
62 100
64 31.6 26.0 39.0





#5
Bromomethane
Concen: 7.143 ug/l
RT: 1.864 min Scan# 163
Delta R.T. 0.000 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01

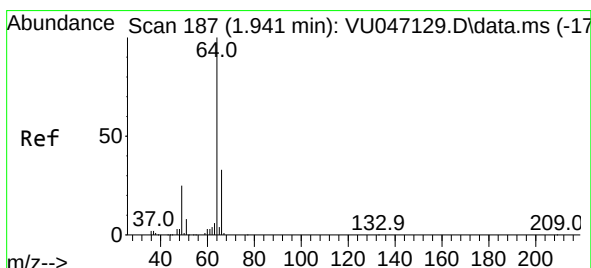
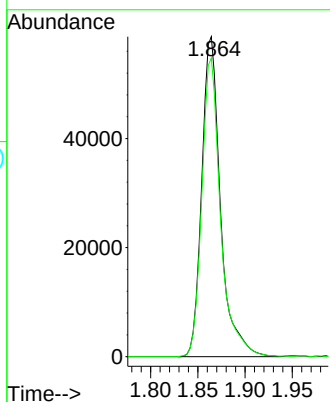
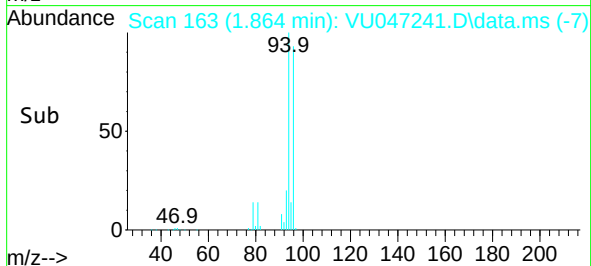
Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 94 Resp: 80760
Ion Ratio Lower Upper
94 100
96 93.4 75.0 112.4

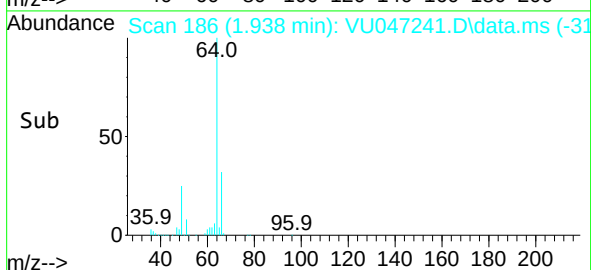
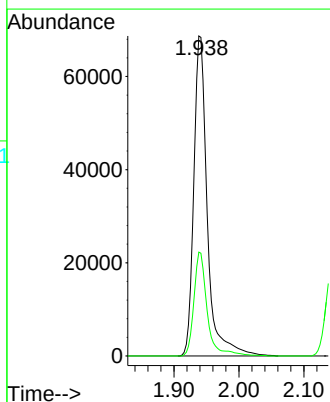
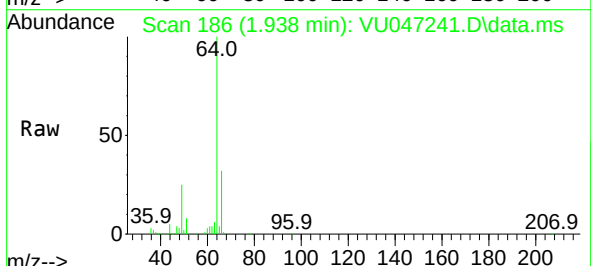
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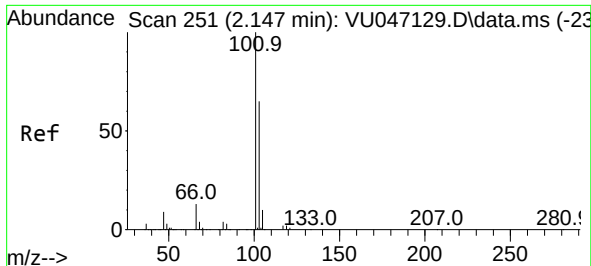
Reviewed By :John Carlone 02/24/2022
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#6
Chloroethane
Concen: 10.005 ug/l
RT: 1.938 min Scan# 186
Delta R.T. -0.003 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01

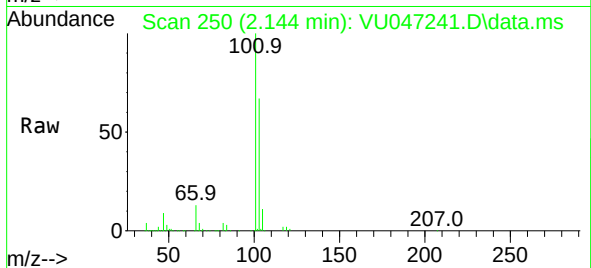
Tgt Ion: 64 Resp: 99484
Ion Ratio Lower Upper
64 100
66 32.5 25.8 38.8





#7
 Trichlorofluoromethane
 Concen: 10.533 ug/l
 RT: 2.144 min Scan# 21488
 Delta R.T. -0.003 min
 Lab File: VU047241.D
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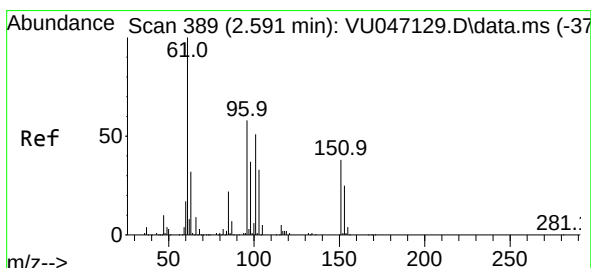
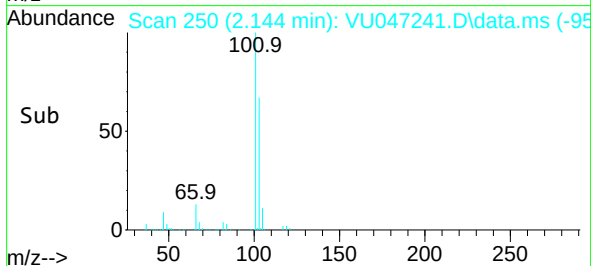
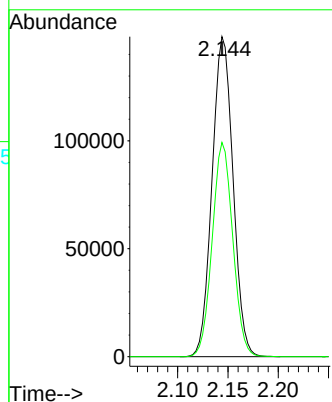
Instrument :
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Tgt Ion:101 Resp: 21488
 Ion Ratio Lower Upper
 101 100
 103 67.0 52.2 78.2

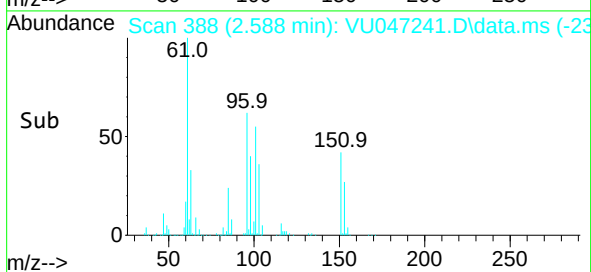
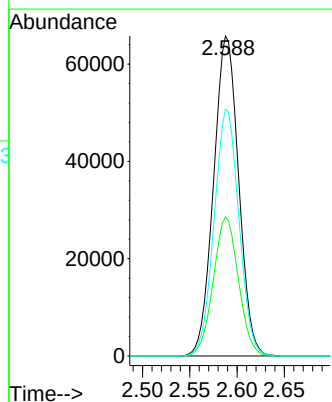
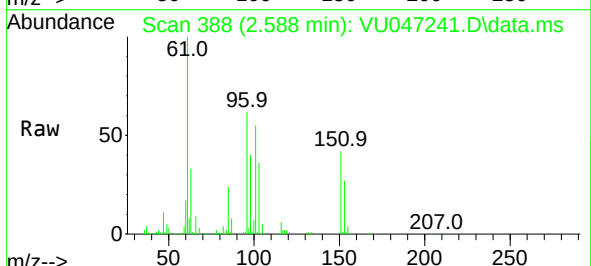
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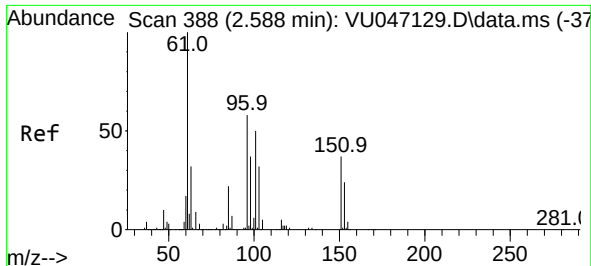
Reviewed By :John Carlone 02/24/2022
 Supervised By :Mahesh Dadoda 02/24/2022



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.300 ug/l
 RT: 2.588 min Scan# 388
 Delta R.T. -0.003 min
 Lab File: VU047241.D
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Tgt Ion:101 Resp: 121114
 Ion Ratio Lower Upper
 101 100
 85 43.6 35.8 53.6
 151 76.7 54.6 81.8





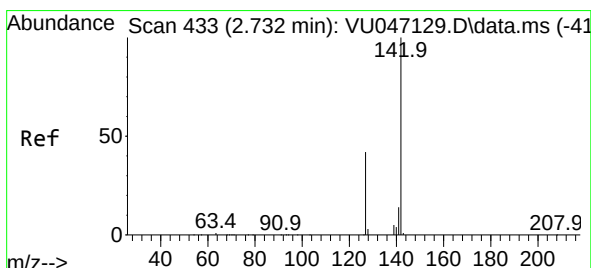
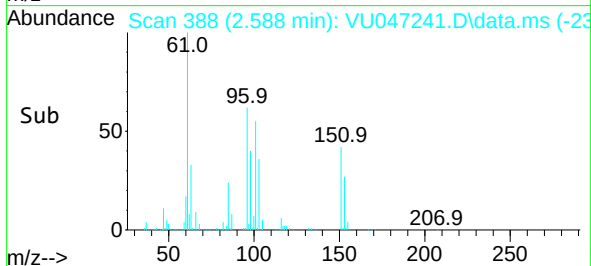
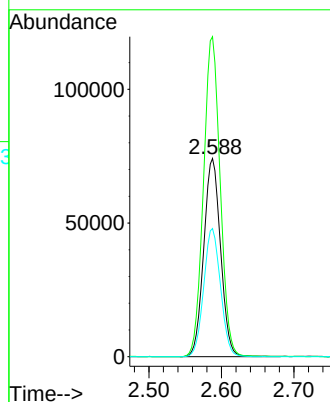
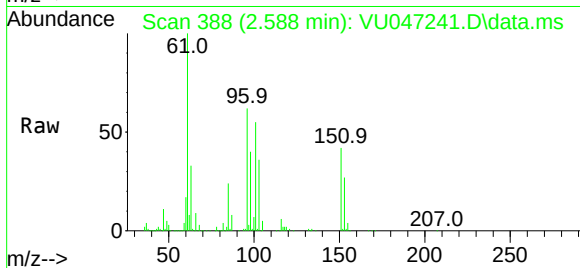
#9
1,1-Dichloroethene
Concen: 9.881 ug/l
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU047241.D
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Tgt Ion: 96 Resp: 11957
Ion Ratio Lower Upper
96 100
61 161.5 0.0 514.2
98 64.6 0.0 126.4

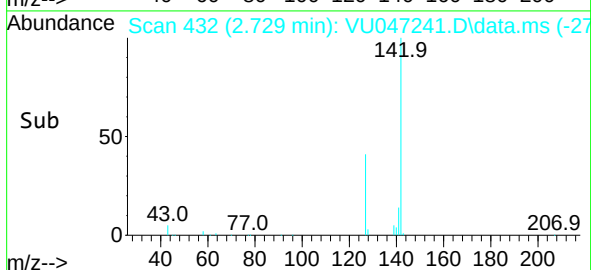
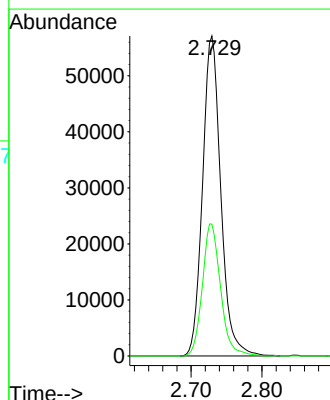
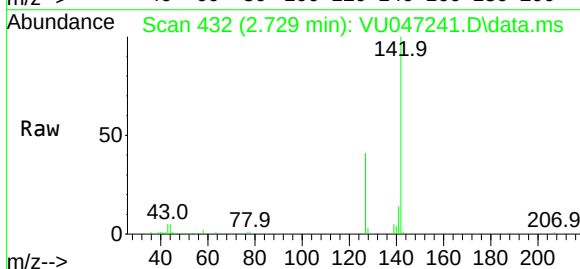
Manual Integrations
APPROVED

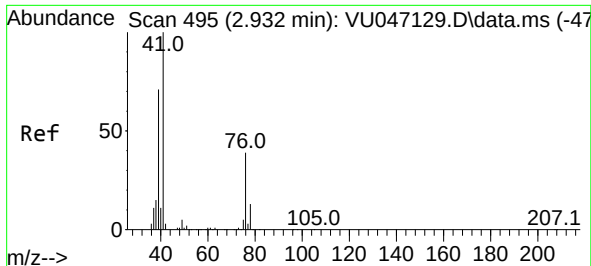
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#10
Iodomethane
Concen: 7.353 ug/l
RT: 2.729 min Scan# 432
Delta R.T. -0.003 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01

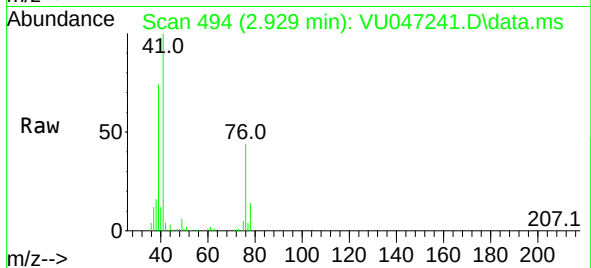
Tgt Ion:142 Resp: 102172
Ion Ratio Lower Upper
142 100
127 41.1 33.2 49.8





#11
 Allyl Chloride
 Concen: 9.122 ug/l
 RT: 2.929 min Scan# 494
 Delta R.T. -0.003 min
 Lab File: VU047241.D
 Acq: 23 Feb 2022 10:01

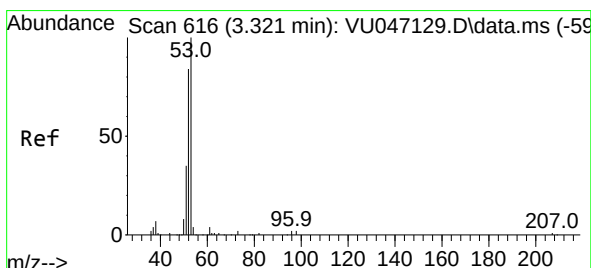
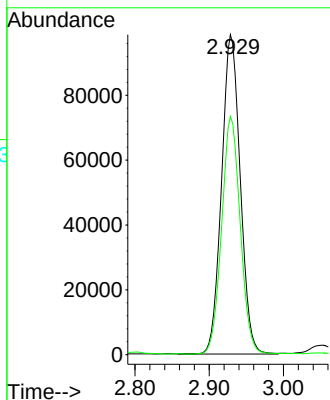
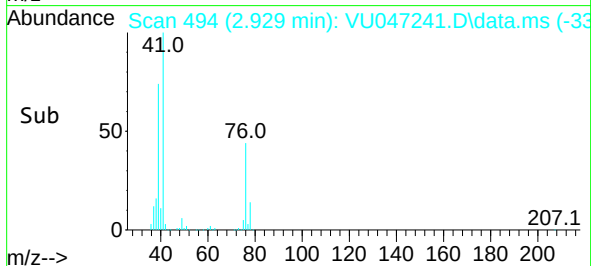
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010



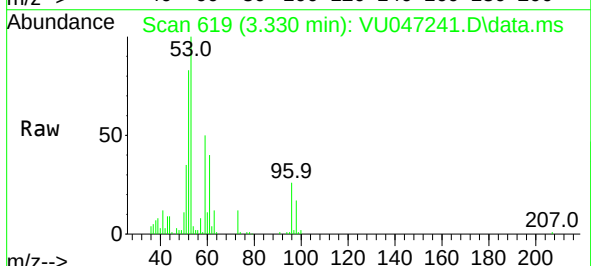
Tgt Ion: 41 Resp: 172070
 Ion Ratio Lower Upper
 41 100
 39 74.3 62.4 93.6

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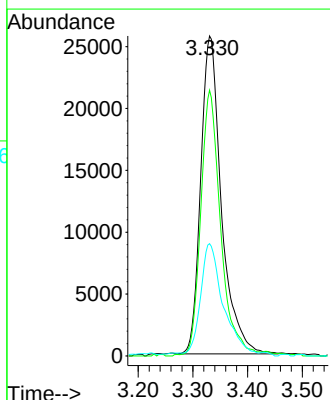
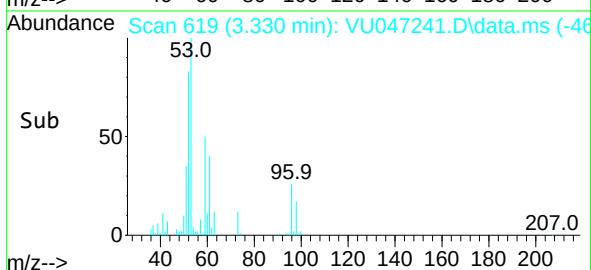
Reviewed By :John Carlone 02/24/2022
 Supervised By :Mahesh Dadoda 02/24/2022

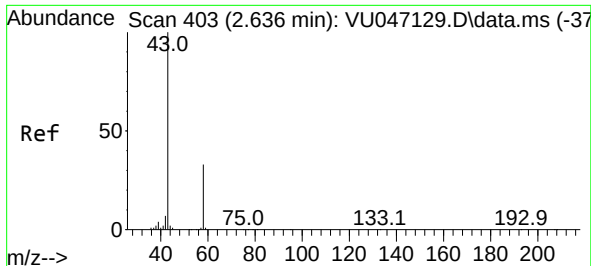


#12
 Acrylonitrile
 Concen: 19.015 ug/l
 RT: 3.330 min Scan# 619
 Delta R.T. 0.010 min
 Lab File: VU047241.D
 Acq: 23 Feb 2022 10:01



Tgt Ion: 53 Resp: 67543
 Ion Ratio Lower Upper
 53 100
 52 78.7 56.7 85.1
 51 36.1 30.3 45.5





#13

Acetone

Concen: 59.843 ug/l

RT: 2.655 min Scan# 409

Delta R.T. 0.019 min

Lab File: VU047241.D

Acq: 23 Feb 2022 10:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 13184

Ion Ratio Lower Upper

43 100

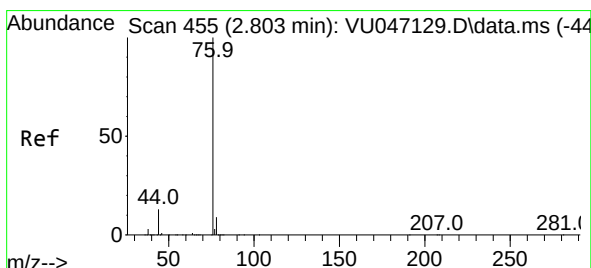
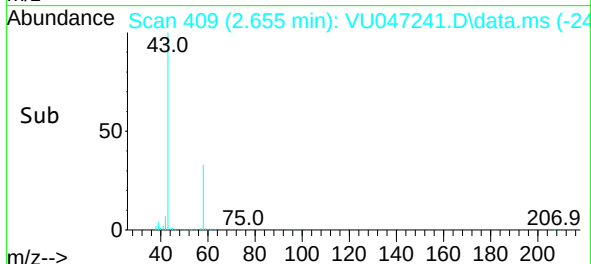
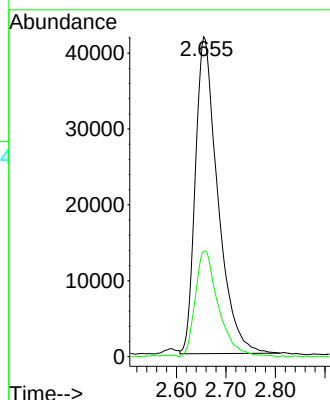
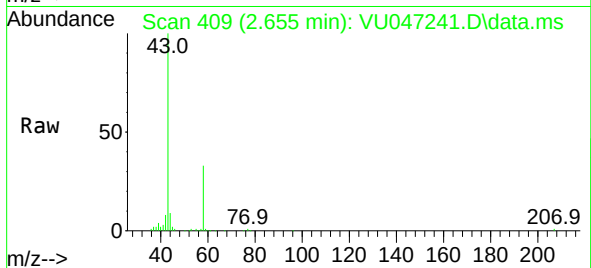
58 33.4 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#14

Carbon Disulfide

Concen: 9.544 ug/l

RT: 2.800 min Scan# 454

Delta R.T. -0.003 min

Lab File: VU047241.D

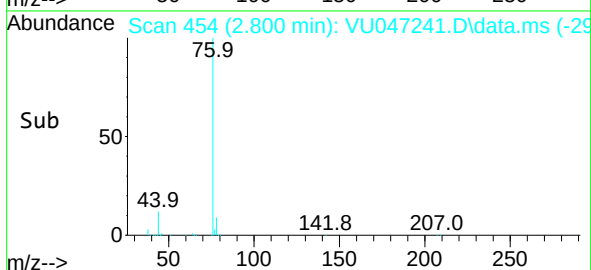
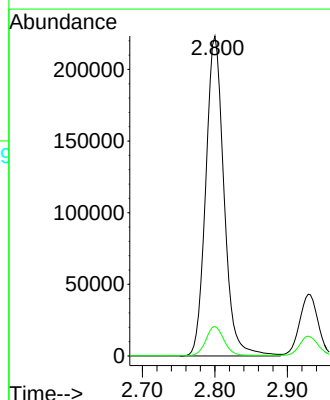
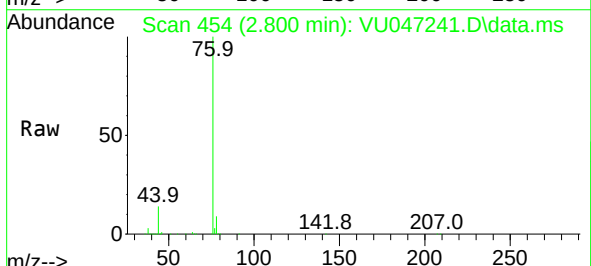
Acq: 23 Feb 2022 10:01

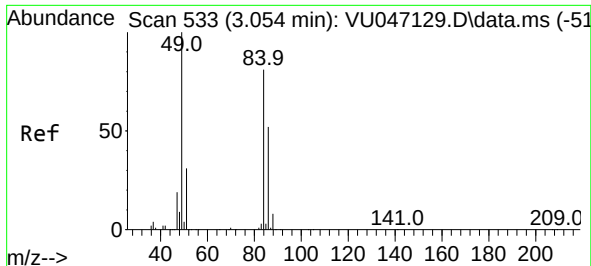
Tgt Ion: 76 Resp: 390677

Ion Ratio Lower Upper

76 100

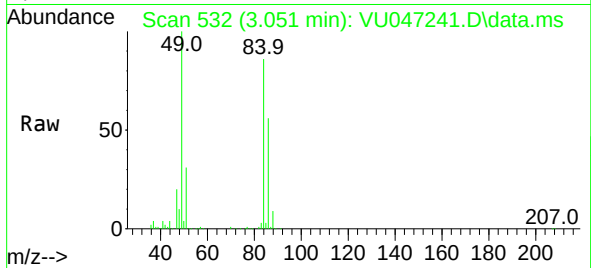
78 9.1 7.1 10.7





#15
Methylene Chloride
Concen: 9.851 ug/l
RT: 3.051 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01

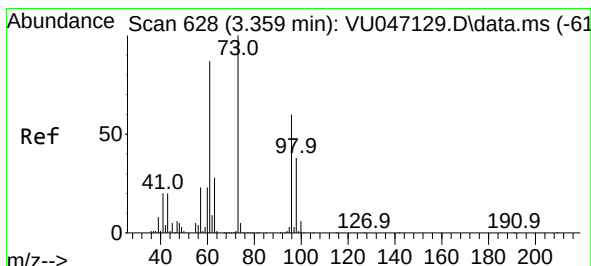
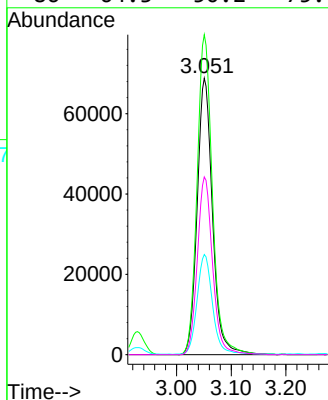
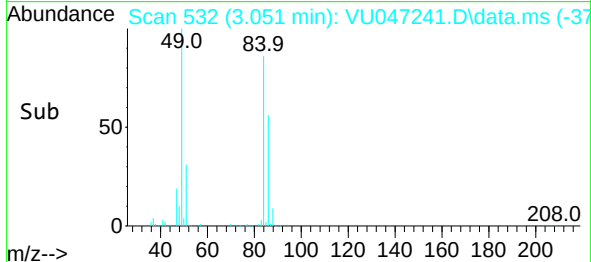
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 84 Resp: 13388
Ion Ratio Lower Upper
84 100
49 115.7 97.2 145.8
51 36.0 0.0 73.4
86 64.3 50.2 75.4

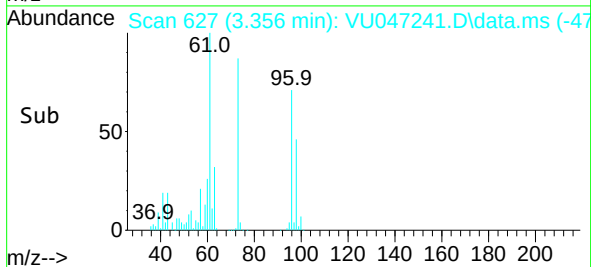
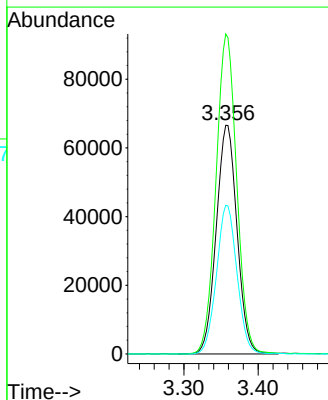
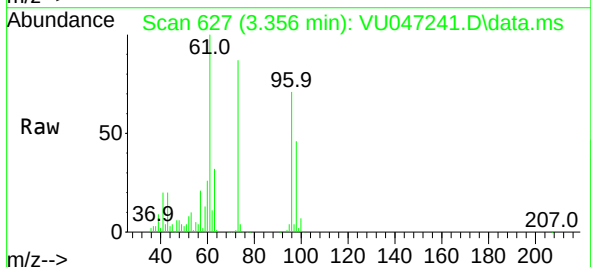
Manual Integrations
APPROVED

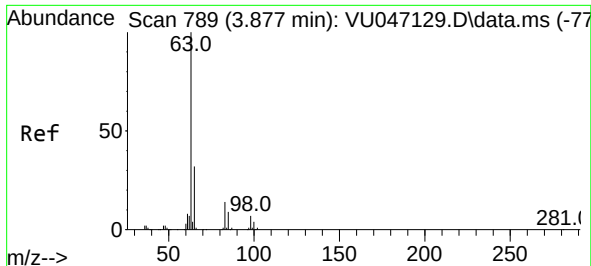
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#16
trans-1,2-Dichloroethene
Concen: 10.160 ug/l
RT: 3.356 min Scan# 627
Delta R.T. -0.003 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01

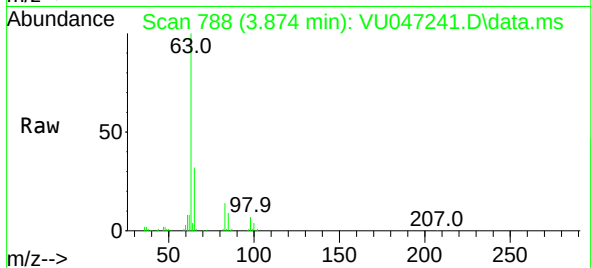
Tgt Ion: 96 Resp: 129761
Ion Ratio Lower Upper
96 100
61 139.9 115.8 173.6
98 65.0 51.1 76.7





#17
1,1-Dichloroethane
Concen: 9.580 ug/l
RT: 3.874 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01

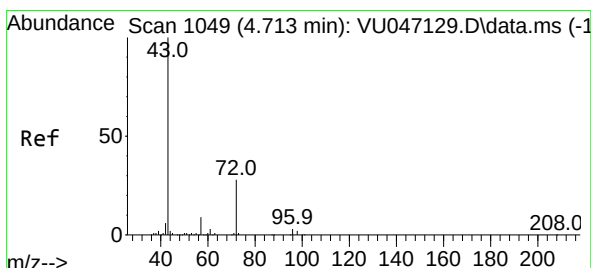
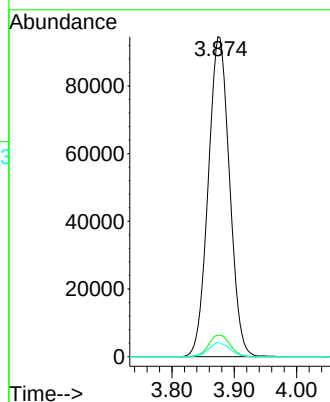
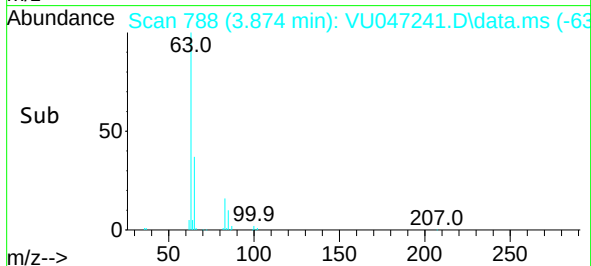
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



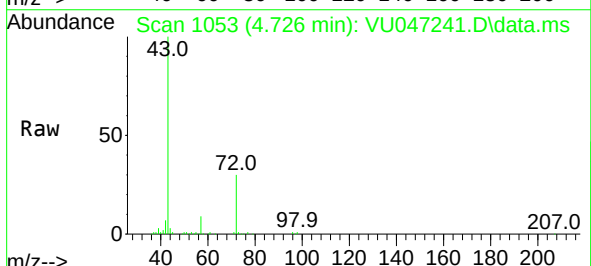
Tgt Ion: 63 Resp: 224179
Ion Ratio Lower Upper
63 100
98 6.7 3.6 10.8
100 4.4 2.1 6.5

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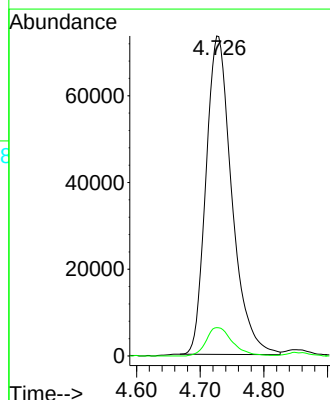
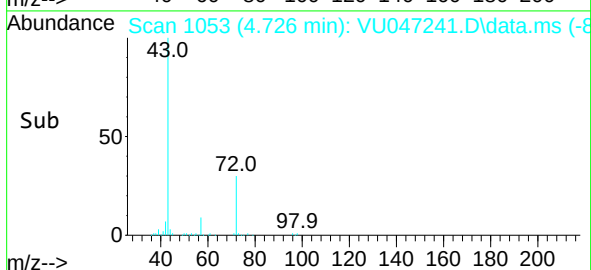
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

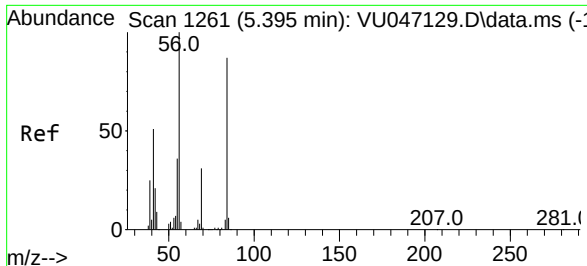


#18
2-Butanone
Concen: 57.874 ug/l
RT: 4.726 min Scan# 1053
Delta R.T. 0.013 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01



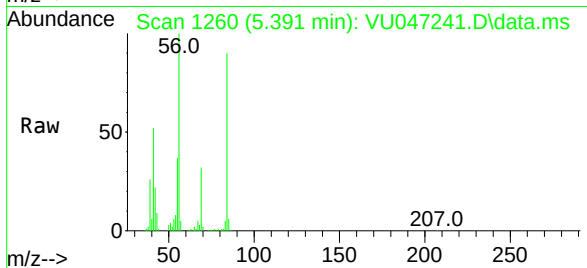
Tgt Ion: 43 Resp: 207095
Ion Ratio Lower Upper
43 100
57 8.9 0.0 16.6





#19
Cyclohexane
Concen: 9.279 ug/l m
RT: 5.391 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01

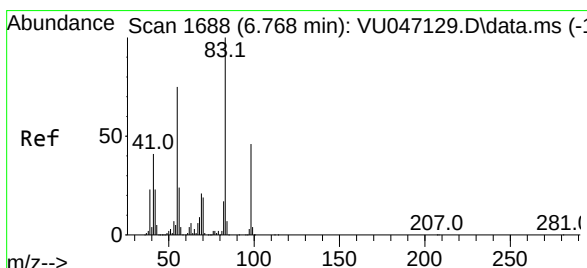
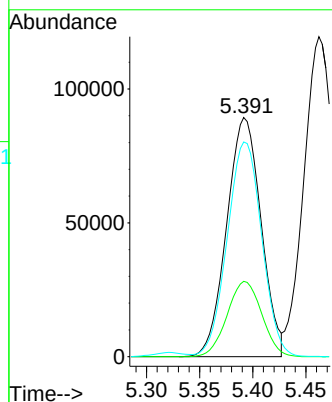
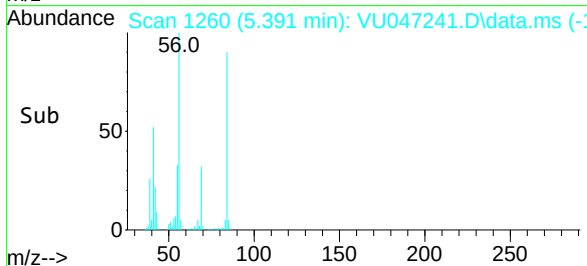
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 56 Resp: 201178
Ion Ratio Lower Upper
56 100
69 31.7 24.7 37.1
84 89.0 68.8 103.2

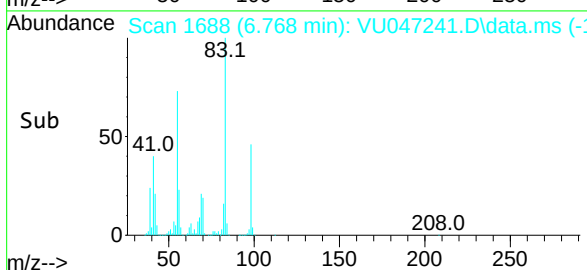
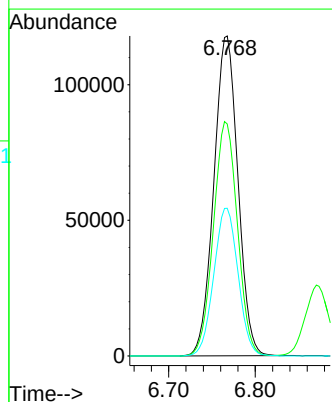
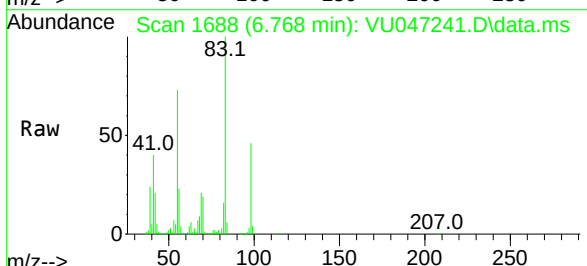
Manual Integrations
APPROVED

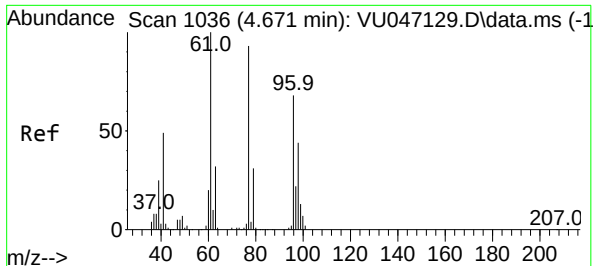
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#20
Methylcyclohexane
Concen: 9.527 ug/l
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01

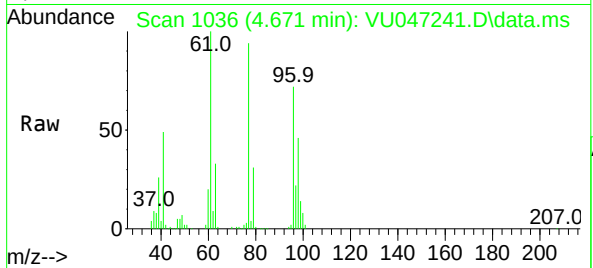
Tgt Ion: 83 Resp: 227669
Ion Ratio Lower Upper
83 100
55 73.1 61.9 92.9
98 46.6 37.4 56.2





#21
2,2-Dichloropropane
Concen: 9.872 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01

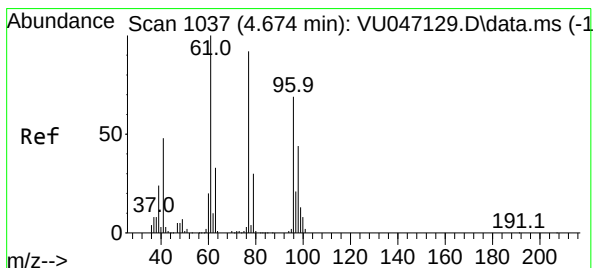
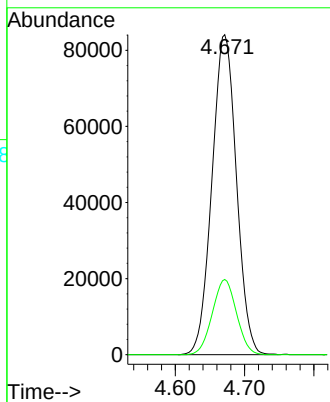
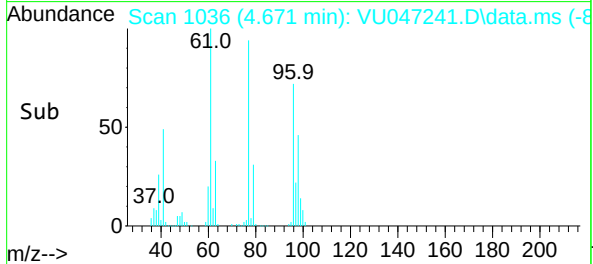
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



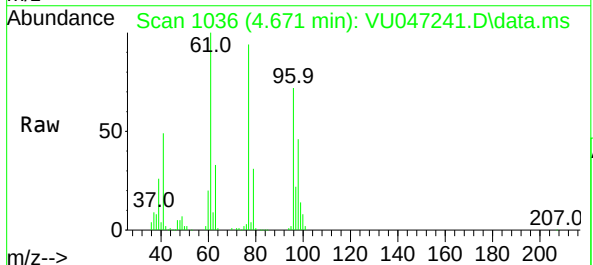
Tgt Ion: 77 Resp: 206450
Ion Ratio Lower Upper
77 100
97 23.2 17.2 25.8

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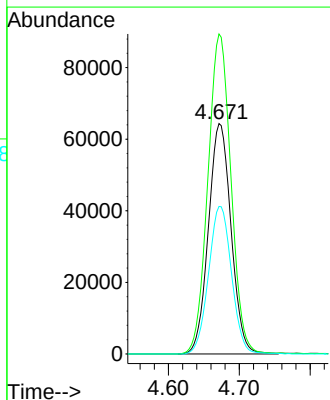
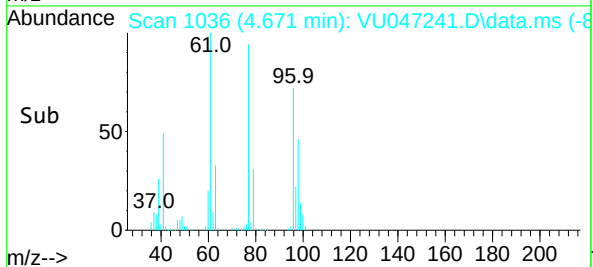
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

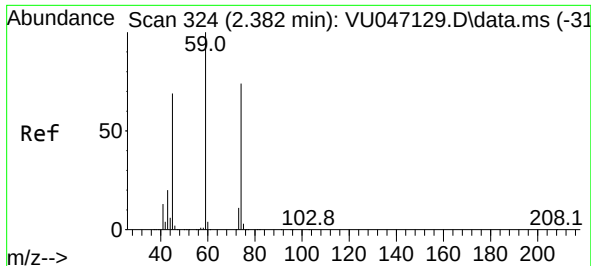


#22
cis-1,2-Dichloroethene
Concen: 9.743 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01



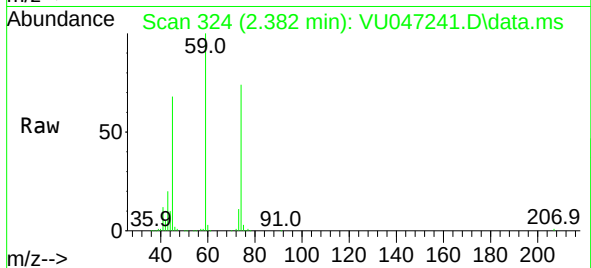
Tgt Ion: 96 Resp: 143117
Ion Ratio Lower Upper
96 100
61 141.1 0.0 385.3
98 64.9 32.1 96.3





#23
Diethyl Ether
Concen: 9.815 ug/l
RT: 2.382 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01

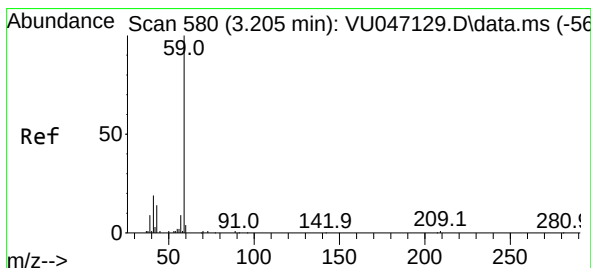
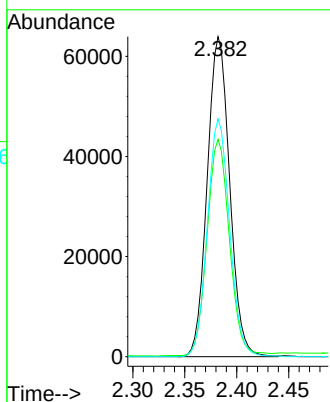
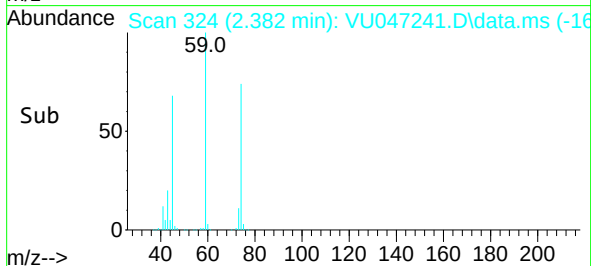
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



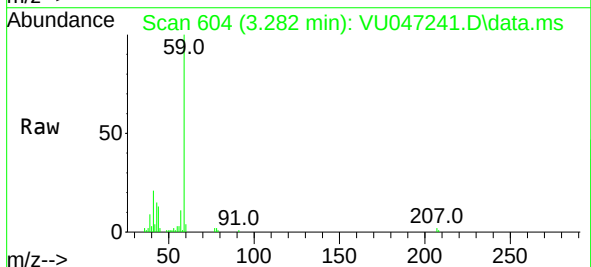
Tgt Ion: 59 Resp: 95990
Ion Ratio Lower Upper
59 100
45 67.3 55.6 83.4
74 74.0 58.1 87.1

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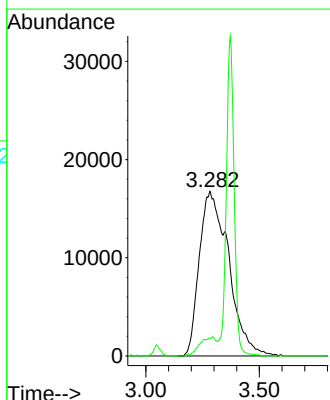
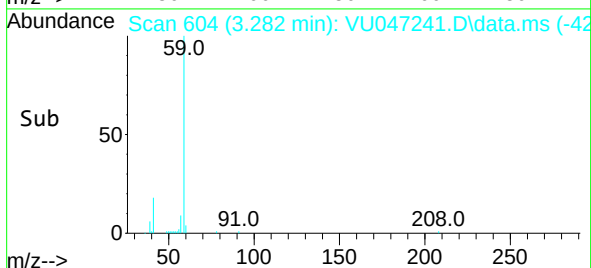
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

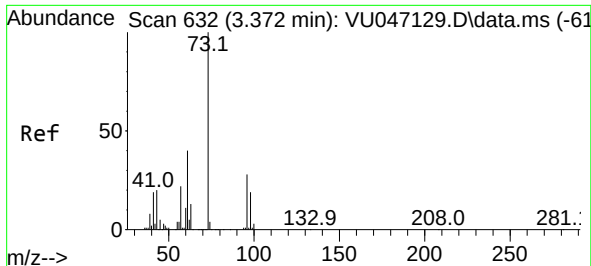


#24
tert-Butyl Alcohol
Concen: 236.807 ug/l m
RT: 3.282 min Scan# 604
Delta R.T. 0.077 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01



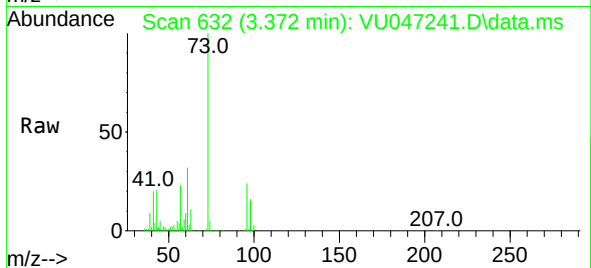
Tgt Ion: 59 Resp: 150630
Ion Ratio Lower Upper
59 100
57 3.0 6.5 9.7#





#25
Methyl tert-Butyl Ether
Concen: 9.722 ug/l
RT: 3.372 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01

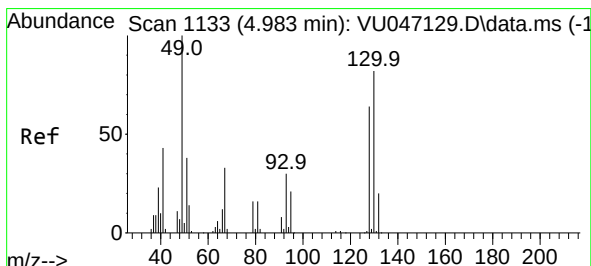
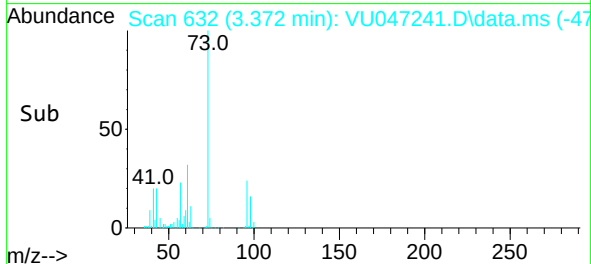
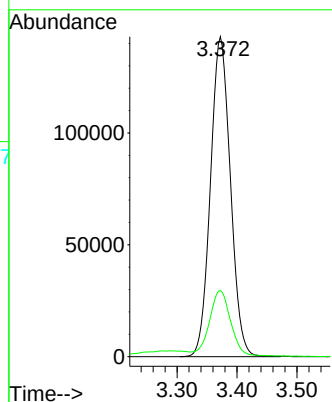
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 73 Resp: 329928
Ion Ratio Lower Upper
73 100
43 21.9 16.3 24.5

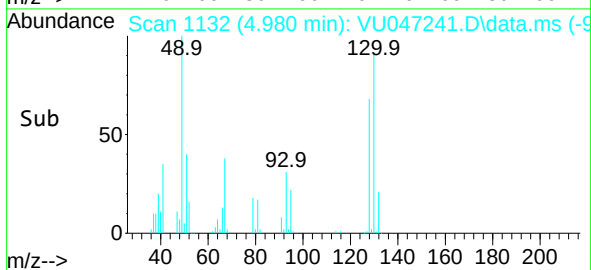
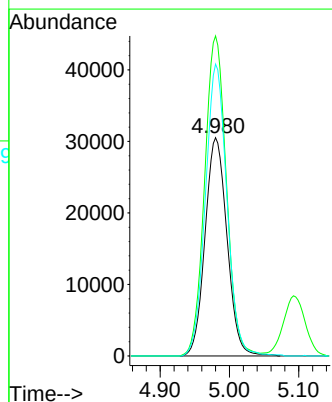
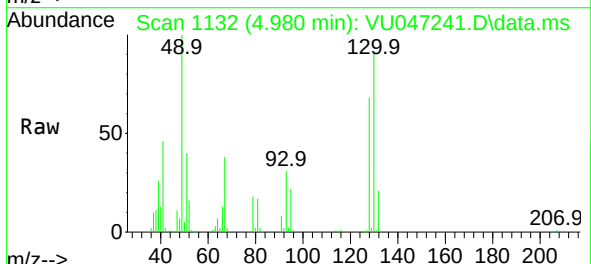
Manual Integrations
APPROVED

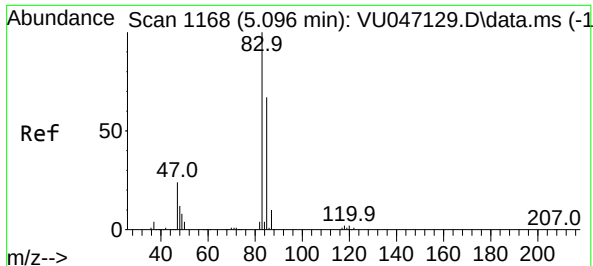
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#26
Bromochloromethane
Concen: 10.177 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. -0.003 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01

Tgt Ion:128 Resp: 67221
Ion Ratio Lower Upper
128 100
49 144.8 0.0 347.4
130 131.0 101.5 152.3





#27

Chloroform

Concen: 9.906 ug/l

RT: 5.096 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VU047241.D

Acq: 23 Feb 2022 10:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 23521

Ion Ratio Lower Upper

83 100

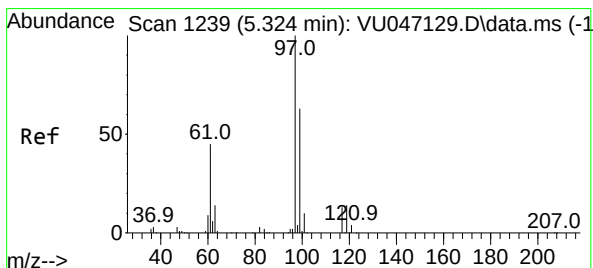
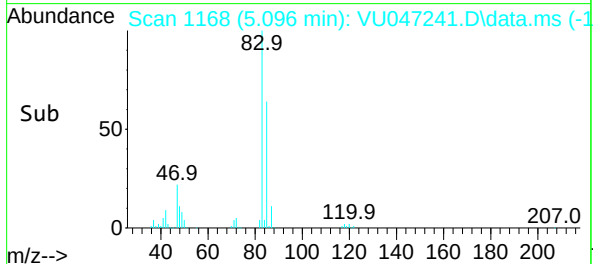
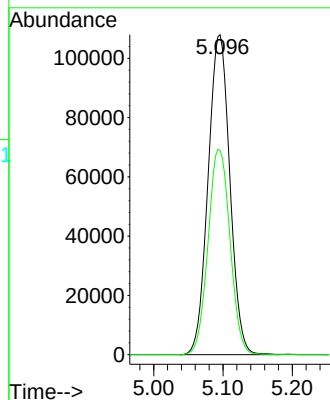
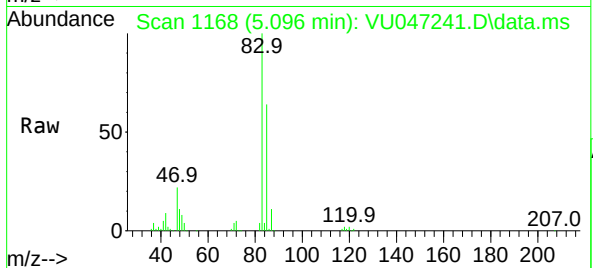
85 63.9 0.0 129.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#28

1,1,1-Trichloroethane

Concen: 9.905 ug/l

RT: 5.321 min Scan# 1238

Delta R.T. -0.003 min

Lab File: VU047241.D

Acq: 23 Feb 2022 10:01

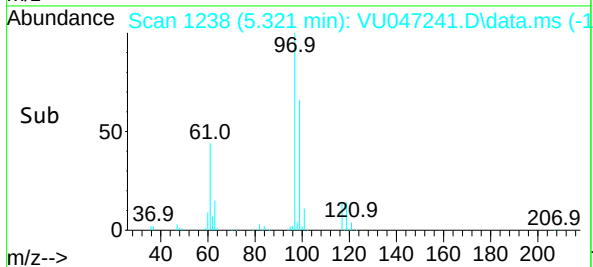
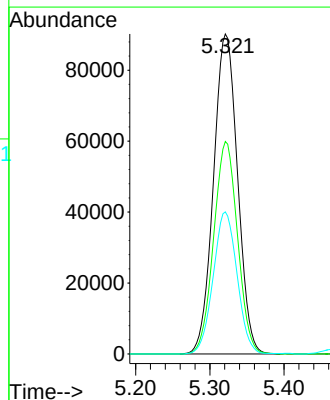
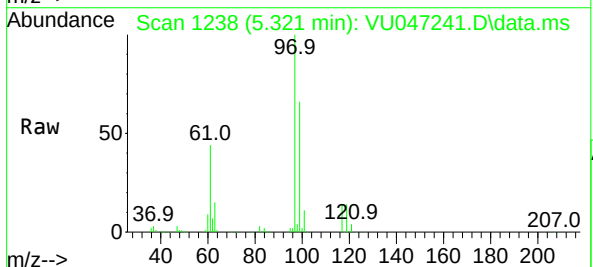
Tgt Ion: 97 Resp: 203619

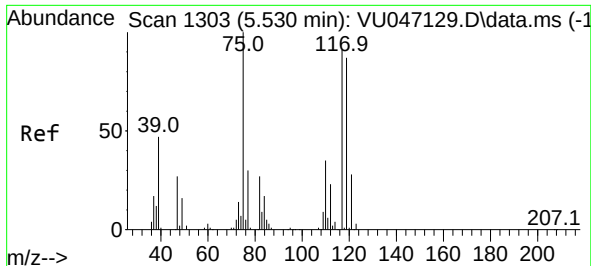
Ion Ratio Lower Upper

97 100

99 65.8 32.2 96.6

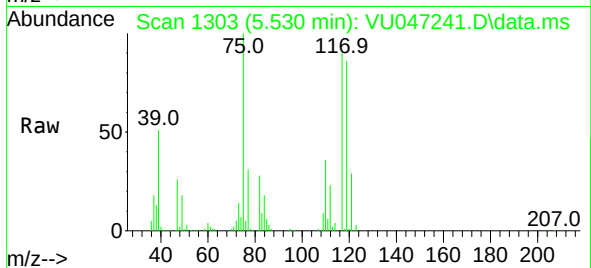
61 44.1 24.5 73.5





#29
1,1-Dichloropropene
Concen: 9.695 ug/l
RT: 5.530 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01

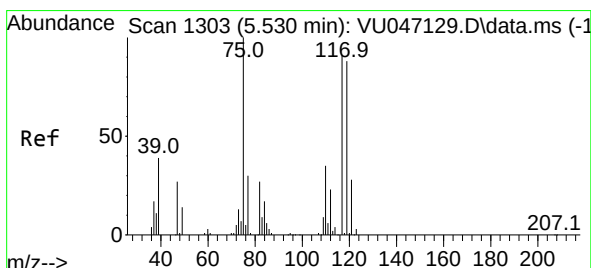
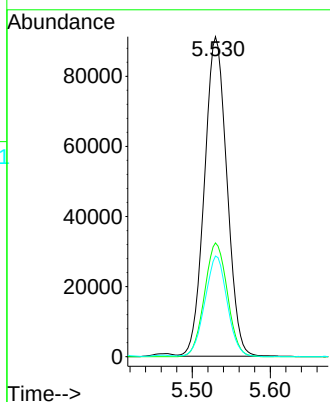
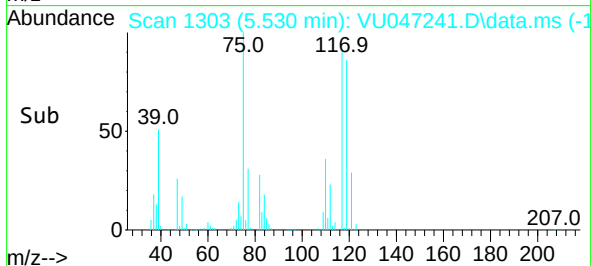
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



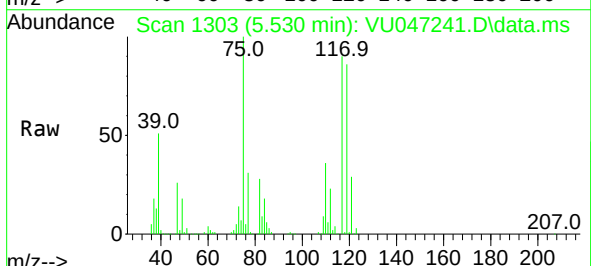
Tgt Ion: 75 Resp: 182430
Ion Ratio Lower Upper
75 100
110 36.2 16.8 50.3
77 31.5 24.7 37.1

Manual Integrations
APPROVED

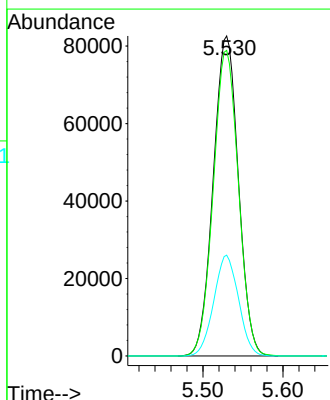
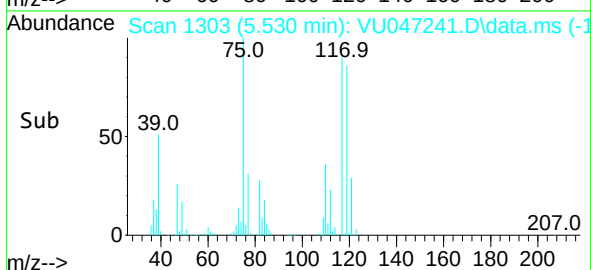
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

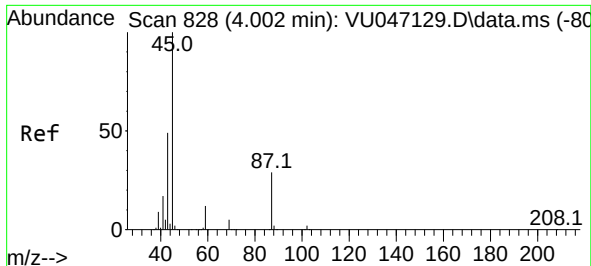


#30
Carbon Tetrachloride
Concen: 9.941 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01



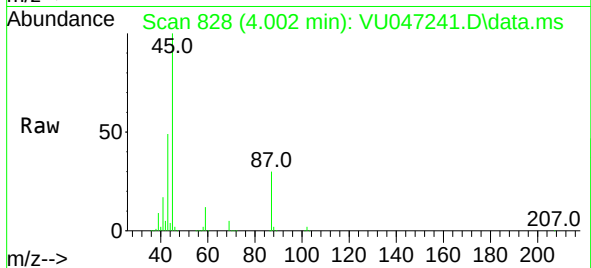
Tgt Ion:117 Resp: 179672
Ion Ratio Lower Upper
117 100
119 95.5 76.8 115.2
121 31.5 24.6 37.0





#31
Isopropyl Ether
Concen: 9.555 ug/l
RT: 4.002 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01

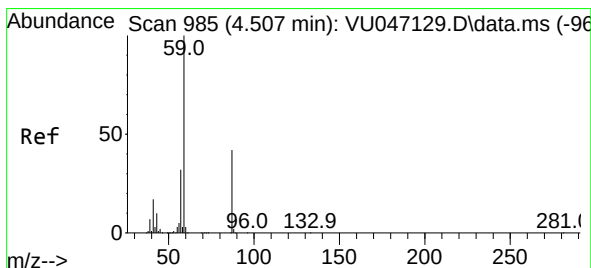
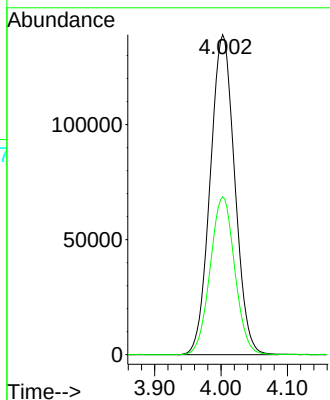
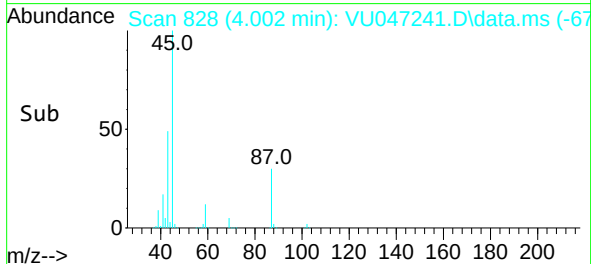
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



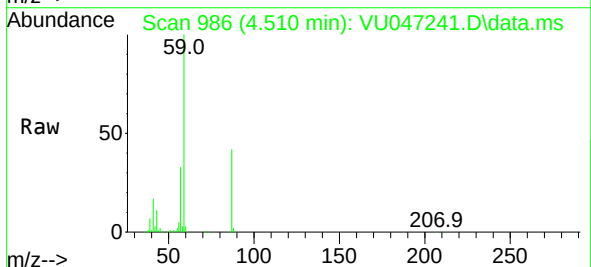
Tgt Ion: 45 Resp: 35763
Ion Ratio Lower Upper
45 100
43 49.4 25.3 75.8

Manual Integrations
APPROVED

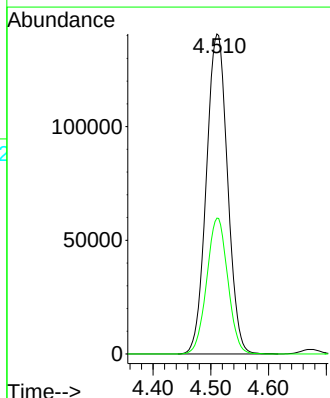
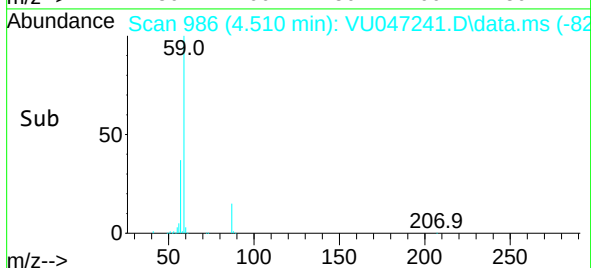
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

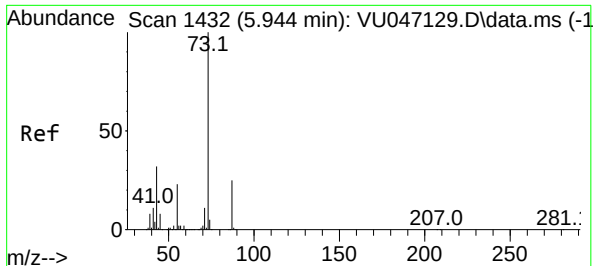


#32
Ethyl-t-butyl ether
Concen: 9.426 ug/l
RT: 4.510 min Scan# 986
Delta R.T. 0.003 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01



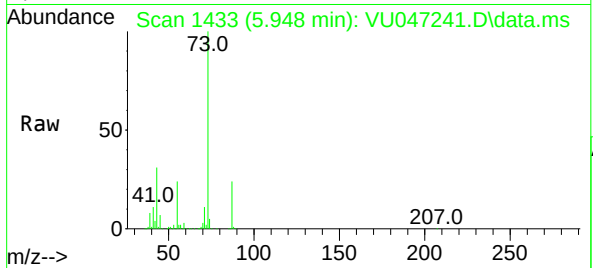
Tgt Ion: 59 Resp: 358623
Ion Ratio Lower Upper
59 100
87 42.2 32.7 49.1





#33
Tert-Amyl methyl ether
Concen: 9.480 ug/l
RT: 5.948 min Scan# 1432
Delta R.T. 0.003 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01

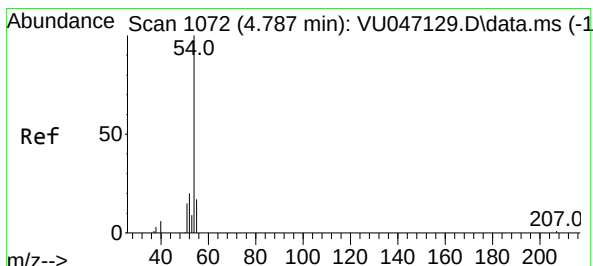
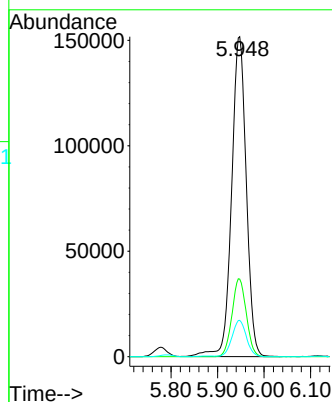
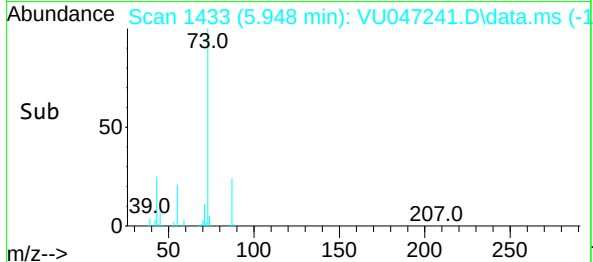
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



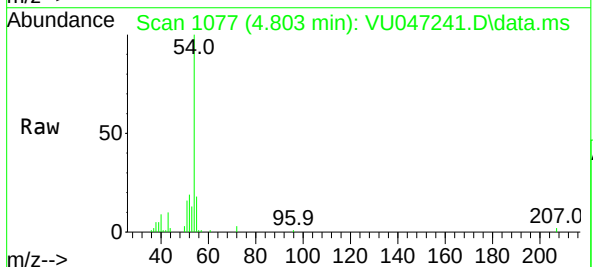
Tgt Ion: 73 Resp: 332214
Ion Ratio Lower Upper
73 100
87 23.7 18.6 28.0
71 10.9 9.0 13.6

Manual Integrations
APPROVED

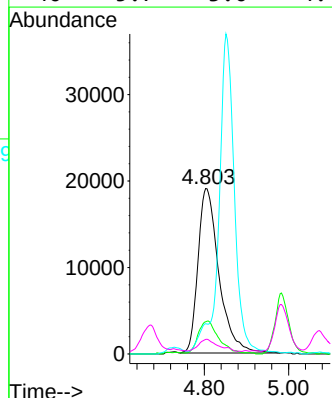
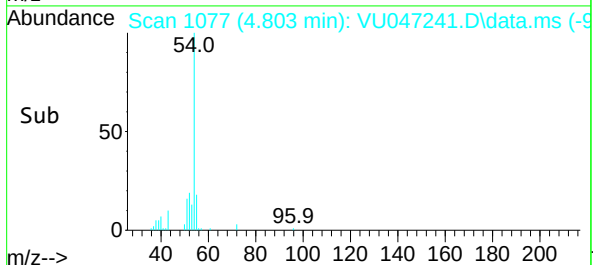
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

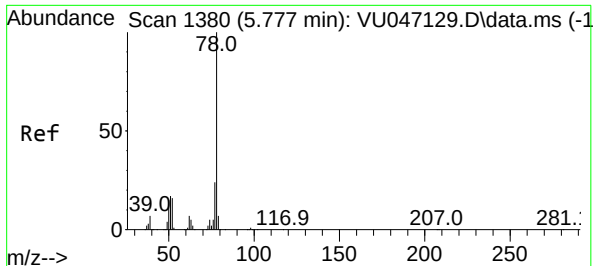


#34
Propionitrile
Concen: 59.636 ug/l
RT: 4.803 min Scan# 1077
Delta R.T. 0.016 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01



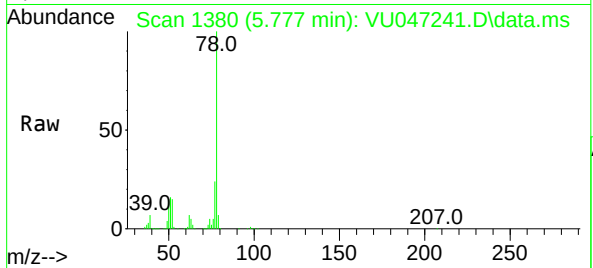
Tgt Ion: 54 Resp: 65601
Ion Ratio Lower Upper
54 100
52 18.4 11.9 17.9#
55 144.9 8.0 12.0#
40 5.7 3.0 4.4#





#35
Benzene
Concen: 9.902 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01

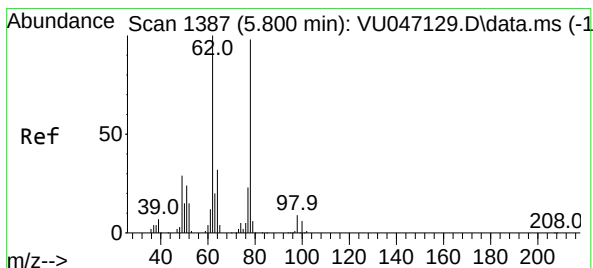
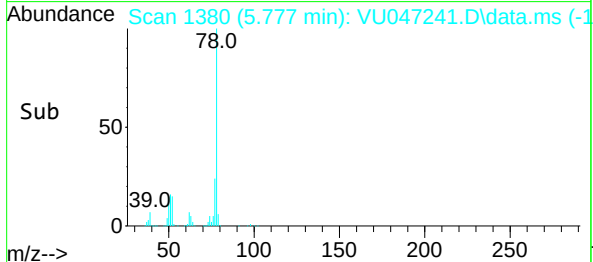
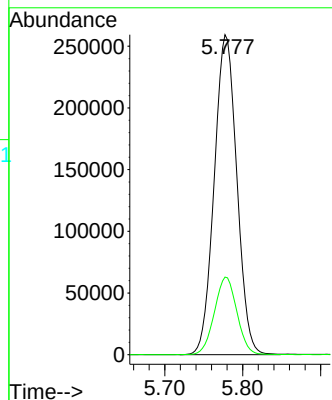
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 78 Resp: 522140
Ion Ratio Lower Upper
78 100
77 24.3 19.1 28.7

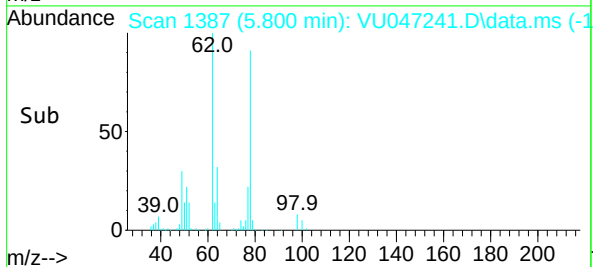
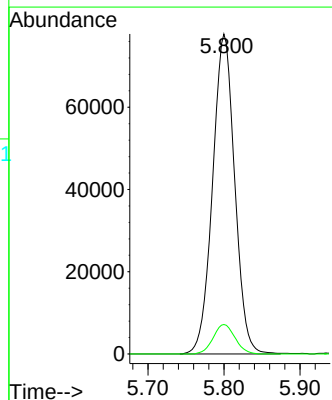
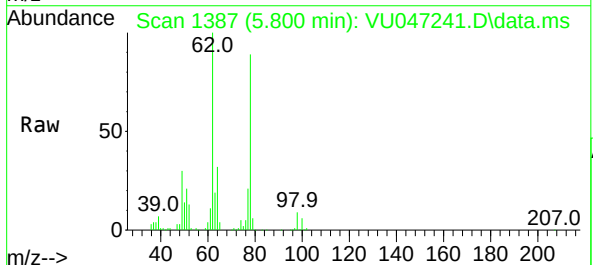
Manual Integrations
APPROVED

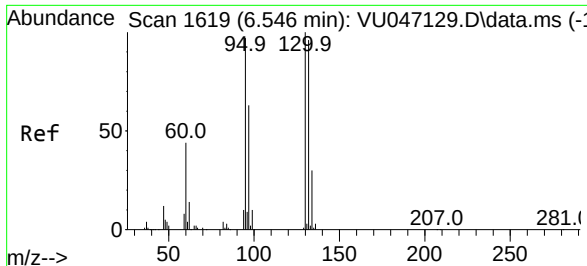
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#36
1,2-Dichloroethane
Concen: 9.834 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01

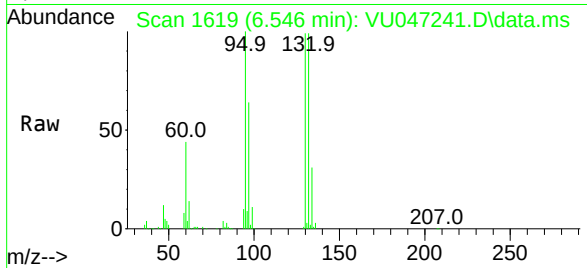
Tgt Ion: 62 Resp: 157013
Ion Ratio Lower Upper
62 100
98 9.1 7.3 10.9





#37
Trichloroethene
Concen: 9.946 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01

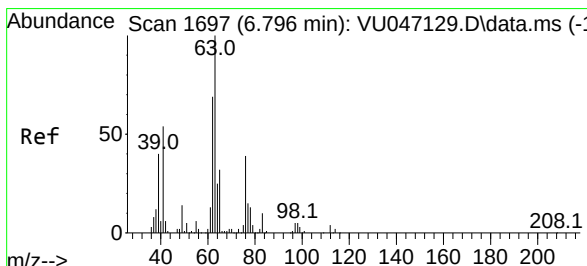
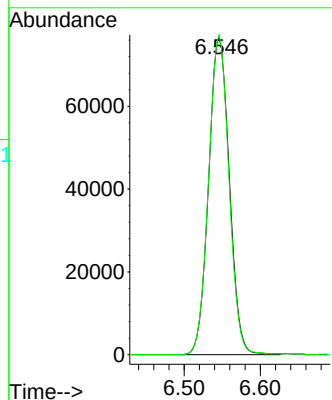
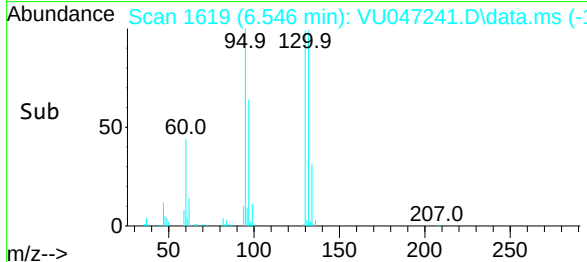
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



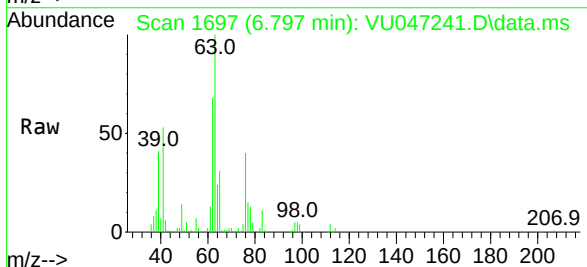
Tgt Ion:130 Resp: 145219
Ion Ratio Lower Upper
130 100
95 100.9 83.8 125.8

Manual Integrations
APPROVED

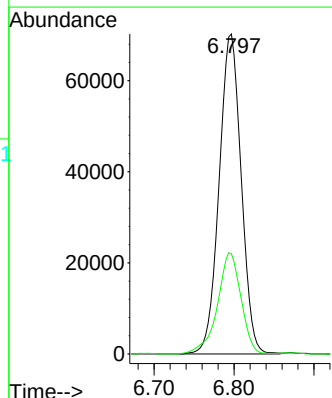
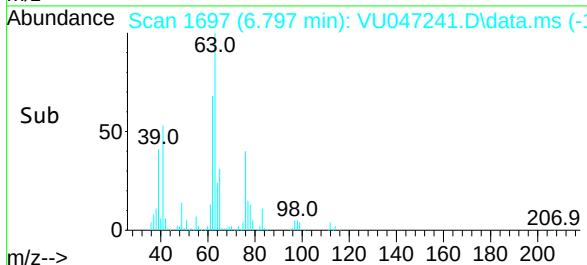
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

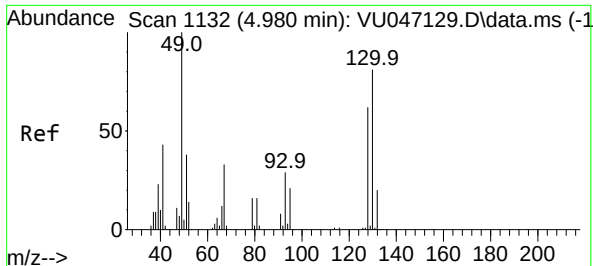


#38
1,2-Dichloropropane
Concen: 9.618 ug/l
RT: 6.797 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01



Tgt Ion: 63 Resp: 134224
Ion Ratio Lower Upper
63 100
65 31.3 24.7 37.1





#39

Methacrylonitrile

Concen: 10.005 ug/l

RT: 4.983 min Scan# 1133

Delta R.T. 0.003 min

Lab File: VU047241.D

Acq: 23 Feb 2022 10:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 48119

Ion Ratio Lower Upper

41 100

67 83.2 65.2 97.8

39 56.8 43.0 64.6

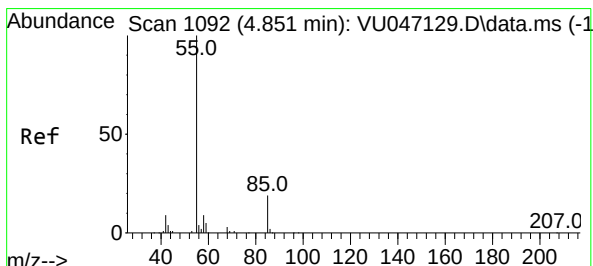
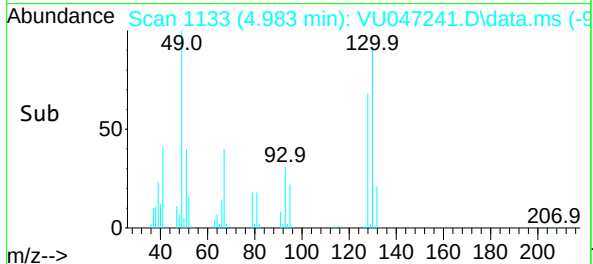
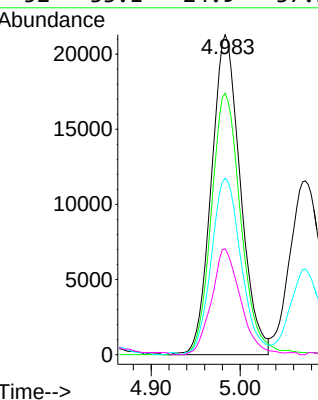
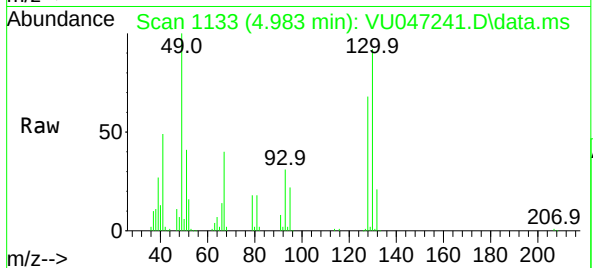
52 33.1 24.9 37.3

Manual Integrations

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Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#40

Methyl acrylate

Concen: 11.689 ug/l

RT: 4.851 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VU047241.D

Acq: 23 Feb 2022 10:01

Tgt Ion: 55 Resp: 95029

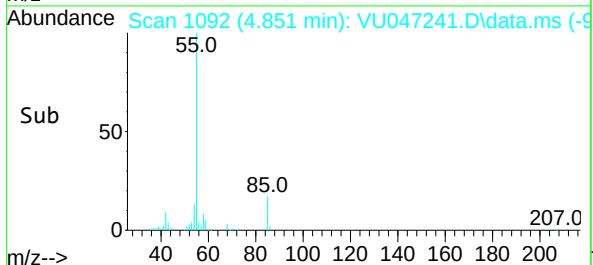
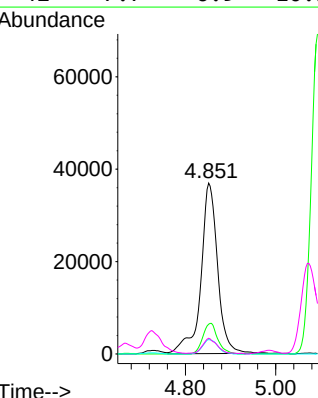
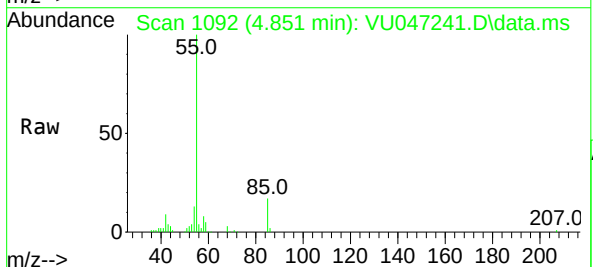
Ion Ratio Lower Upper

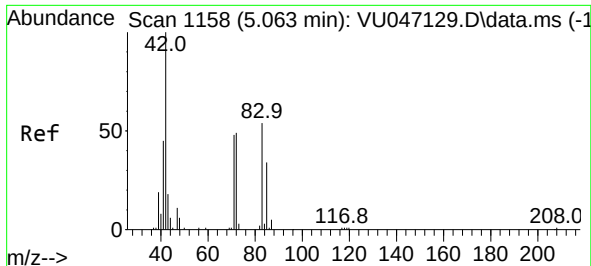
55 100

85 16.0 12.2 18.2

58 7.6 6.7 10.1

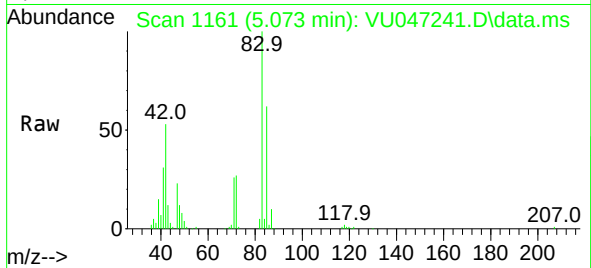
42 7.7 6.9 10.3





#41
Tetrahydrofuran
Concen: 20.987 ug/l
RT: 5.073 min Scan# 1158
Delta R.T. 0.010 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01

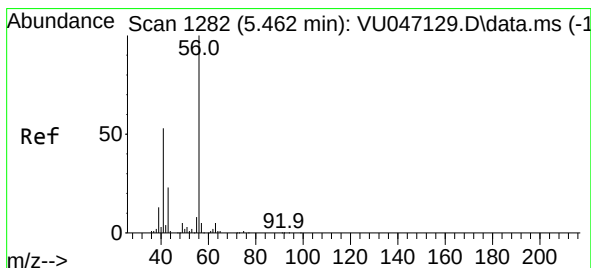
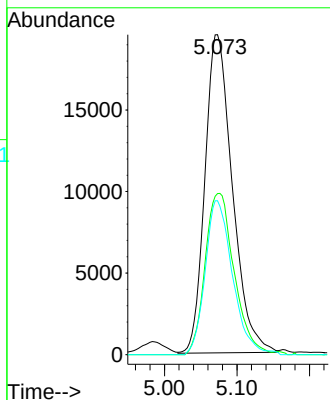
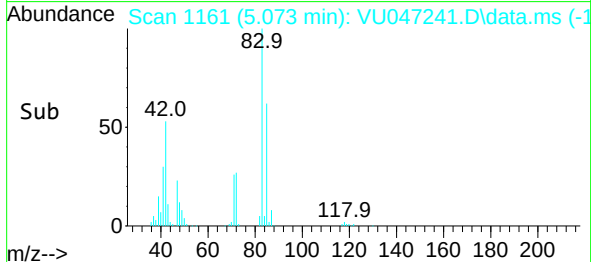
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



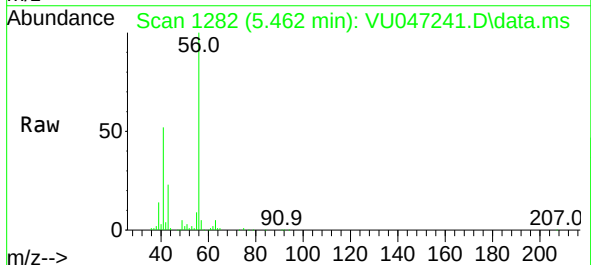
Tgt Ion: 42 Resp: 5142
Ion Ratio Lower Upper
42 100
72 53.4 42.4 63.6
71 48.2 36.4 54.6

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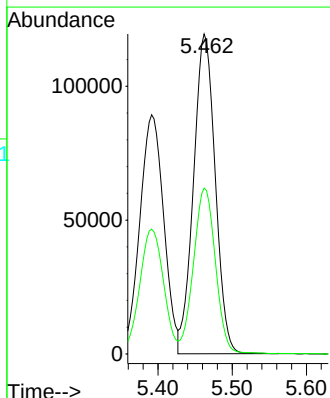
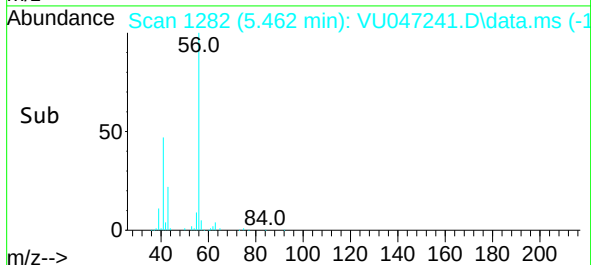
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

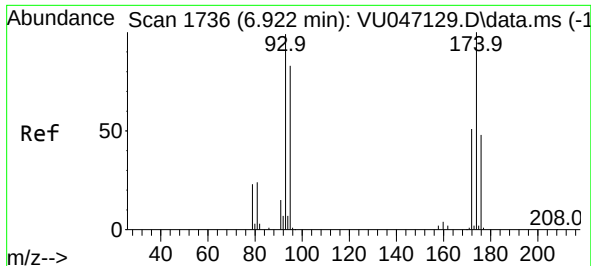


#42
1-Chlorobutane
Concen: 9.606 ug/l
RT: 5.462 min Scan# 1282
Delta R.T. 0.000 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01



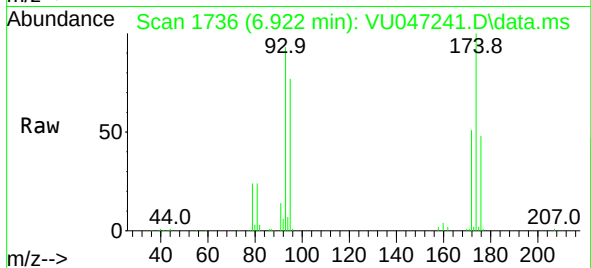
Tgt Ion: 56 Resp: 242717
Ion Ratio Lower Upper
56 100
41 52.4 26.0 78.0





#43
Dibromomethane
Concen: 10.043 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01

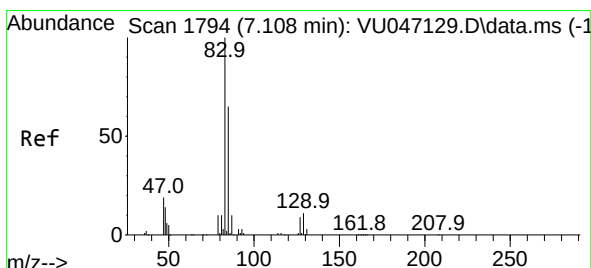
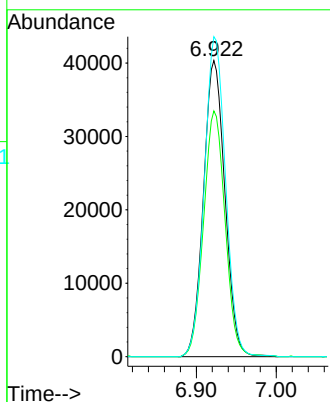
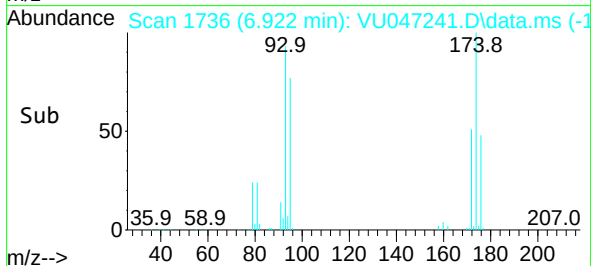
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



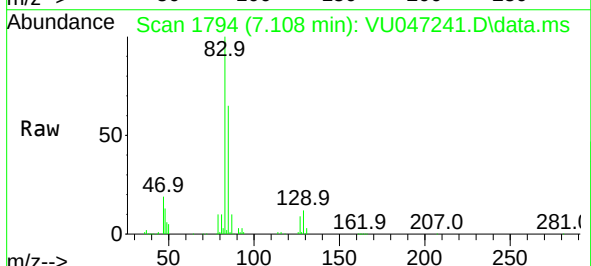
Tgt Ion: 93 Resp: 7558
Ion Ratio Lower Upper
93 100
95 83.3 66.2 99.2
174 106.5 70.7 106.1

Manual Integrations
APPROVED

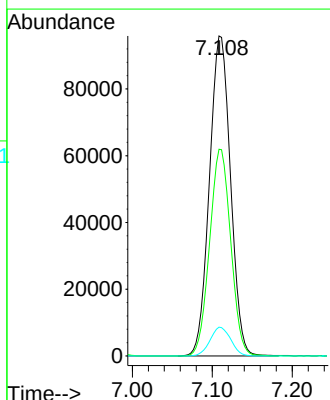
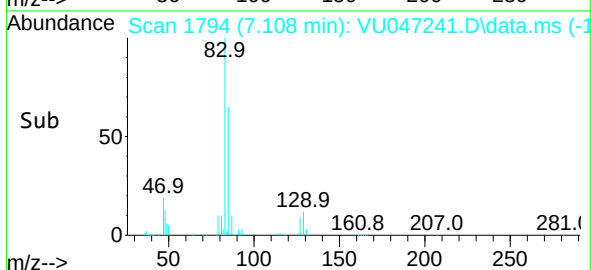
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

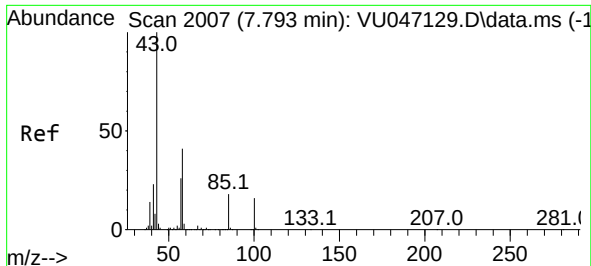


#44
Bromodichloromethane
Concen: 9.854 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01



Tgt Ion: 83 Resp: 175391
Ion Ratio Lower Upper
83 100
85 64.6 50.9 76.3
127 9.0 6.0 9.0





#45

4-Methyl-2-Pentanone

Concen: 46.907 ug/l

RT: 7.797 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU047241.D

Acq: 23 Feb 2022 10:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 477459

Ion Ratio Lower Upper

43 100

58 42.3 21.0 63.0

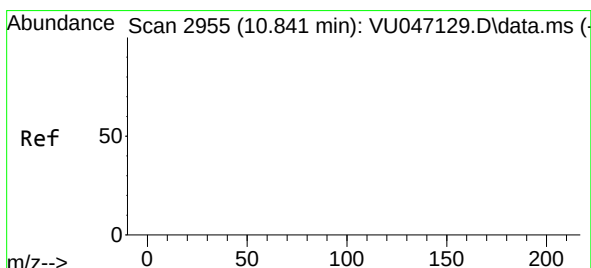
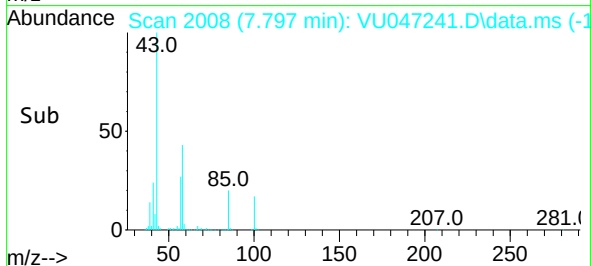
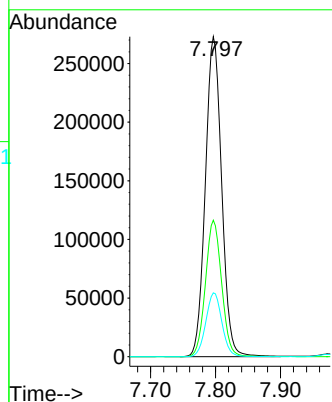
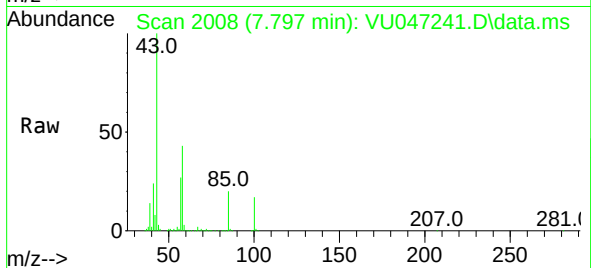
85 19.7 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#46

t-1,4-Dichloro-2-butene

Concen: 22.202 ug/l m

RT: 10.841 min Scan# 2955

Delta R.T. 0.000 min

Lab File: VU047241.D

Acq: 23 Feb 2022 10:01

Tgt Ion: 75 Resp: 98378

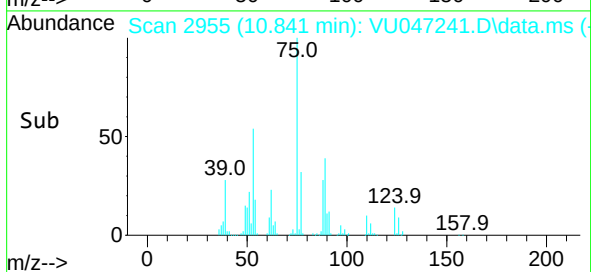
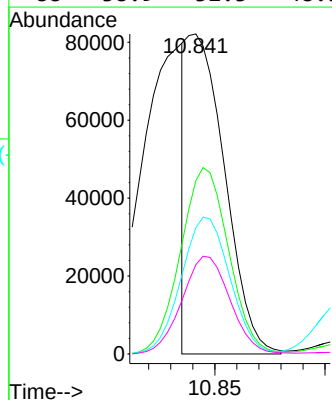
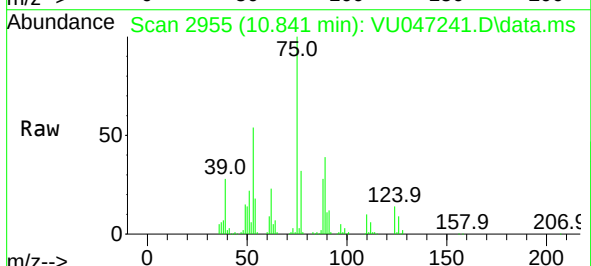
Ion Ratio Lower Upper

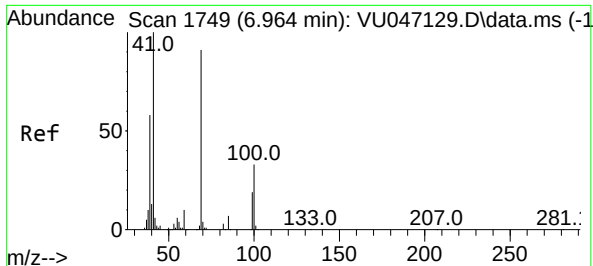
75 100

53 74.1 66.8 100.2

89 54.9 41.7 62.5

88 38.9 32.3 48.5





#47

Methyl methacrylate

Concen: 19.340 ug/l

RT: 6.964 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VU047241.D

Acq: 23 Feb 2022 10:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 69 Resp: 152640

Ion Ratio Lower Upper

69 100

41 106.0 0.0 230.0

39 62.4 55.1 82.7

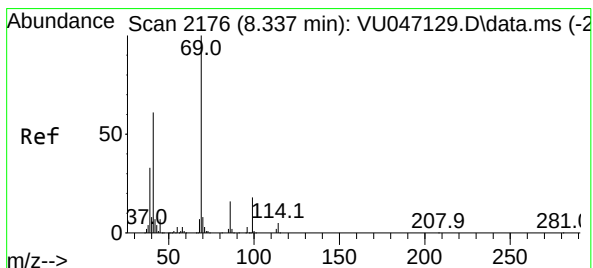
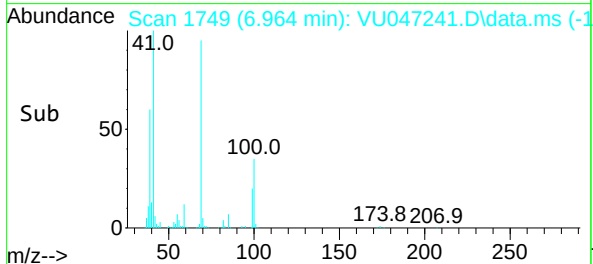
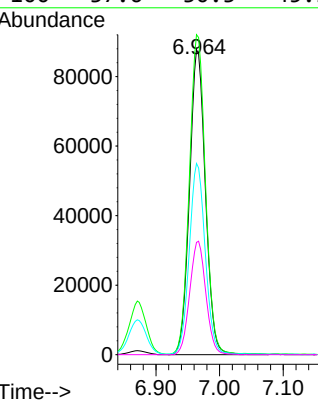
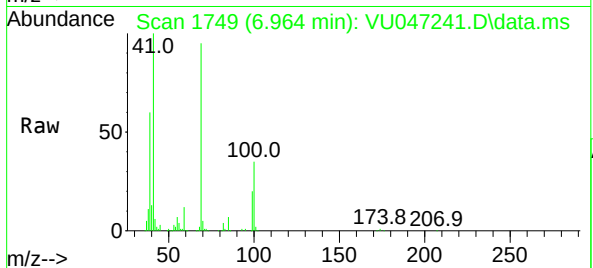
100 37.6 30.3 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#48

Ethyl methacrylate

Concen: 9.546 ug/l

RT: 8.337 min Scan# 2176

Delta R.T. 0.000 min

Lab File: VU047241.D

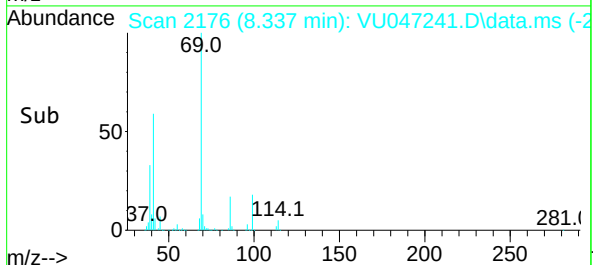
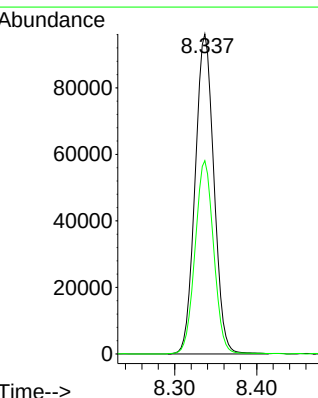
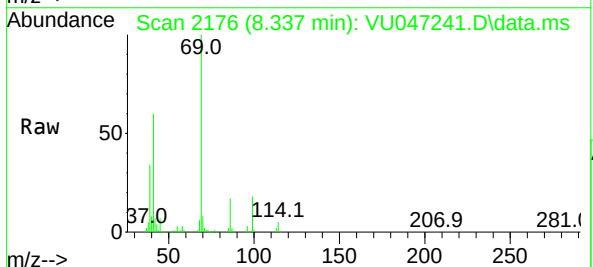
Acq: 23 Feb 2022 10:01

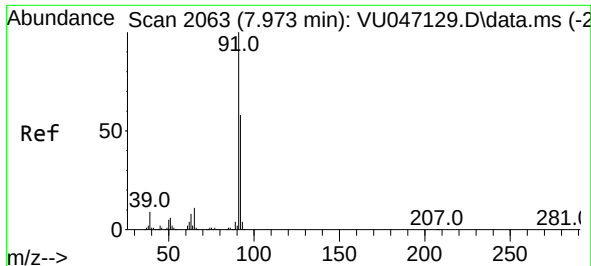
Tgt Ion: 69 Resp: 152731

Ion Ratio Lower Upper

69 100

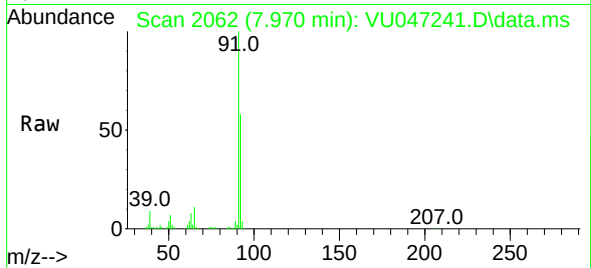
41 59.9 32.6 98.0





#49
Toluene
Concen: 9.847 ug/l
RT: 7.970 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01

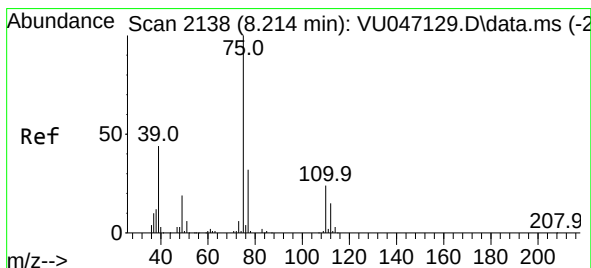
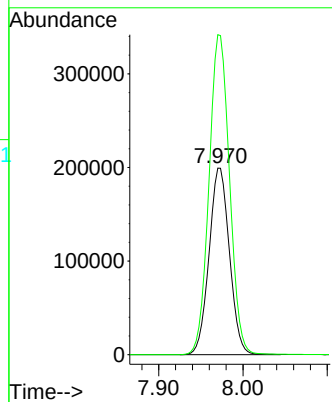
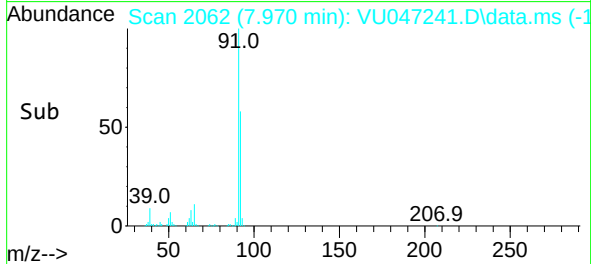
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 92 Resp: 334948
Ion Ratio Lower Upper
92 100
91 172.9 136.8 205.2

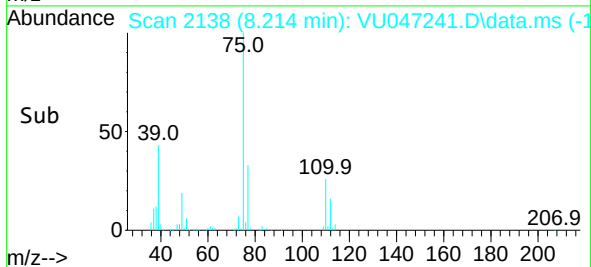
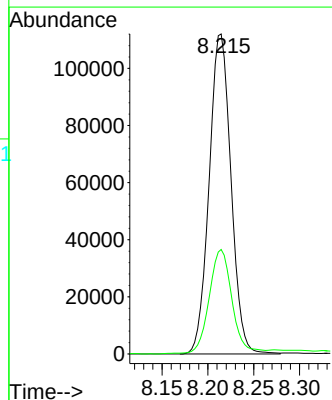
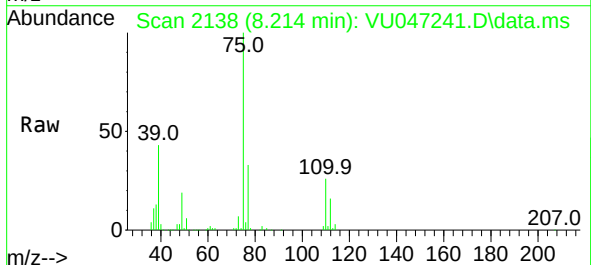
Manual Integrations
APPROVED

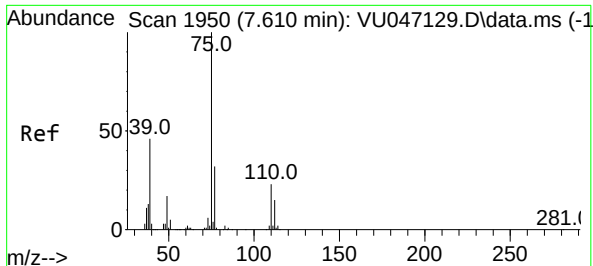
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#50
t-1,3-Dichloropropene
Concen: 9.641 ug/l
RT: 8.214 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01

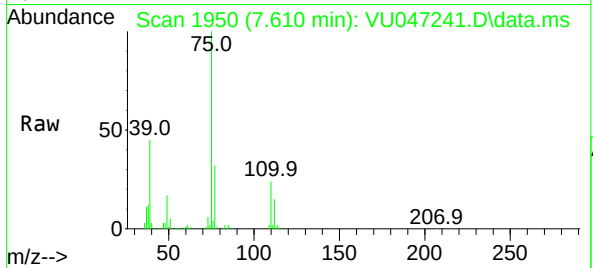
Tgt Ion: 75 Resp: 185734
Ion Ratio Lower Upper
75 100
77 32.4 25.6 38.4





#51
cis-1,3-Dichloropropene
Concen: 9.685 ug/l
RT: 7.610 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01

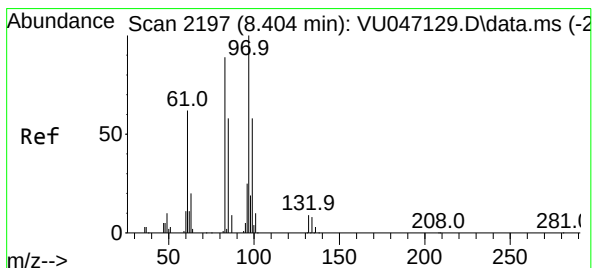
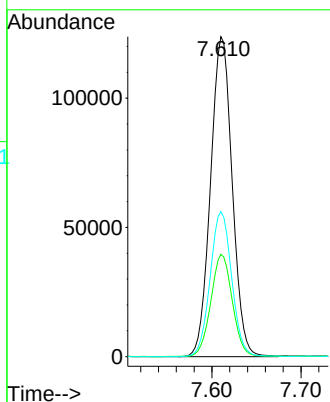
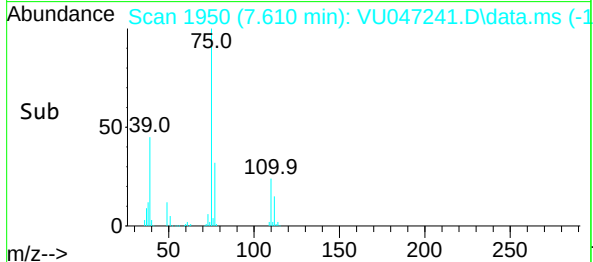
Instrument : MSVOA_U
ClientSampleId : VSTDCCC010



Tgt Ion: 75 Resp: 209188
Ion Ratio Lower Upper
75 100
77 31.9 25.2 37.8
39 45.4 38.6 57.8

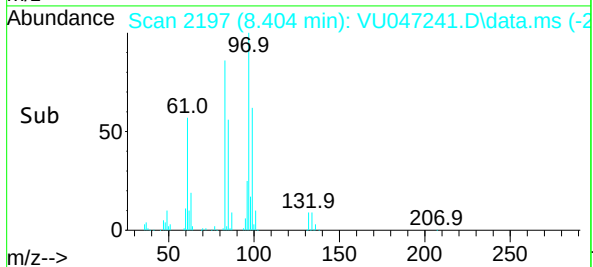
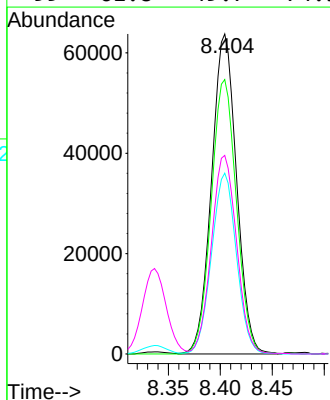
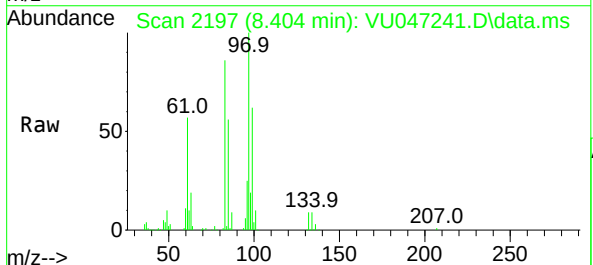
Manual Integrations
APPROVED

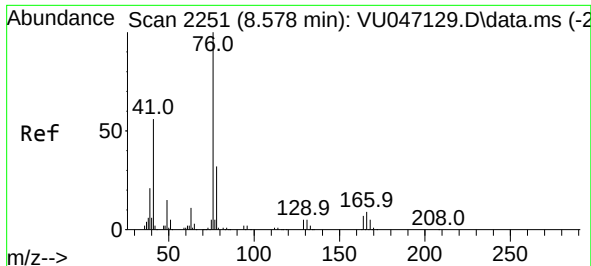
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#52
1,1,2-Trichloroethane
Concen: 9.947 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01

Tgt Ion: 97 Resp: 106811
Ion Ratio Lower Upper
97 100
83 85.8 69.8 104.8
85 56.3 44.2 66.4
99 61.8 49.7 74.5





#53

1,3-Dichloropropane

Concen: 9.480 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047241.D

Acq: 23 Feb 2022 10:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 76 Resp: 18187

Ion Ratio Lower Upper

76 100

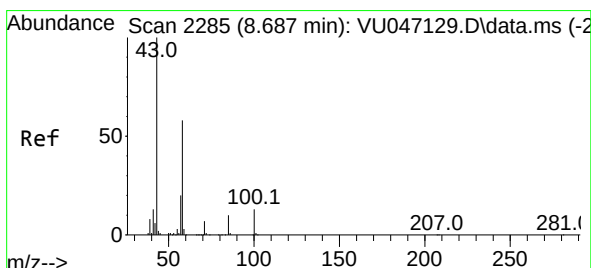
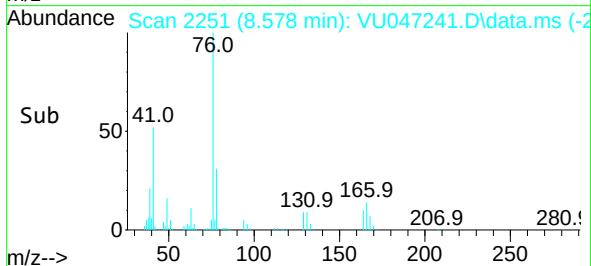
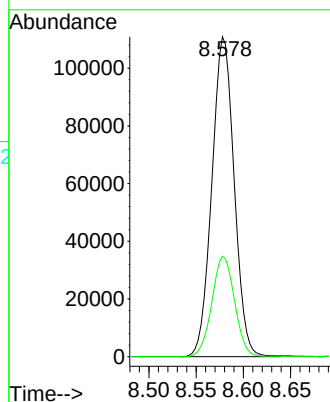
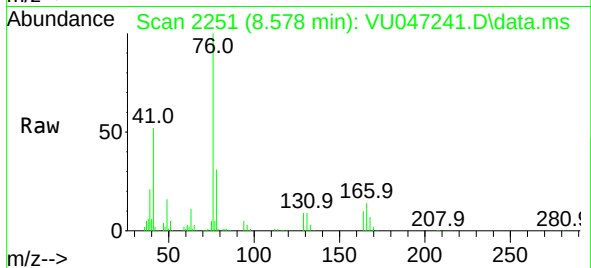
78 32.0 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#54

2-Hexanone

Concen: 46.442 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VU047241.D

Acq: 23 Feb 2022 10:01

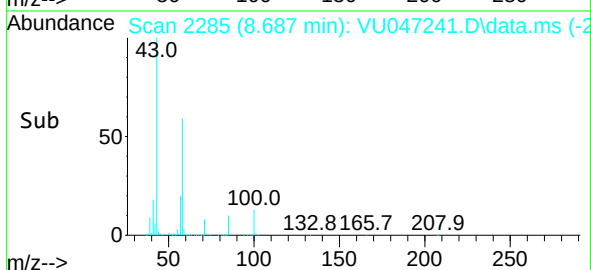
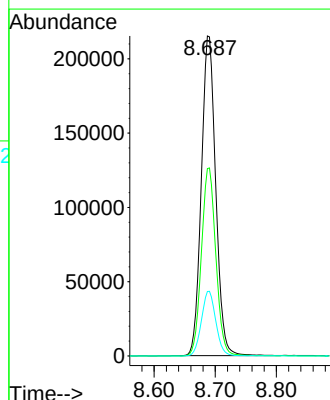
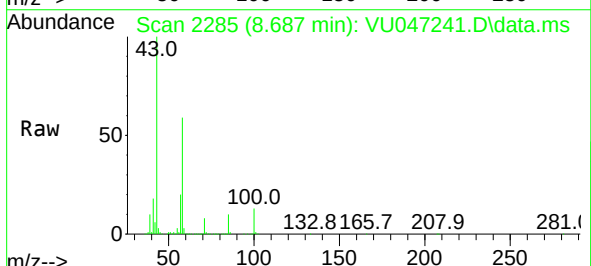
Tgt Ion: 43 Resp: 352179

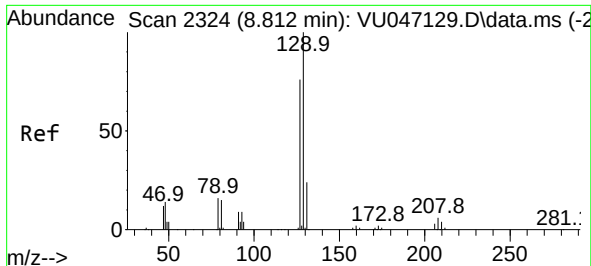
Ion Ratio Lower Upper

43 100

58 59.0 37.7 77.7

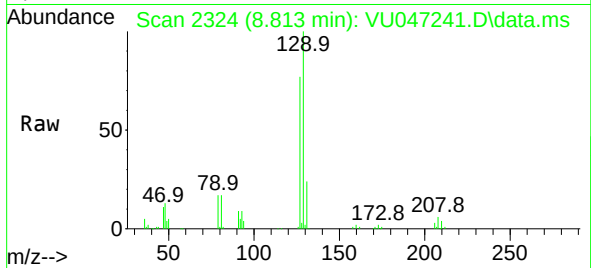
57 20.3 0.5 40.5





#55
Dibromochloromethane
Concen: 9.869 ug/l
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01

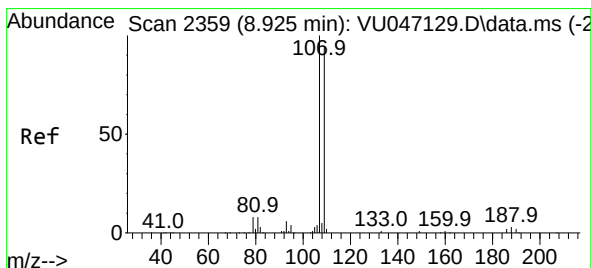
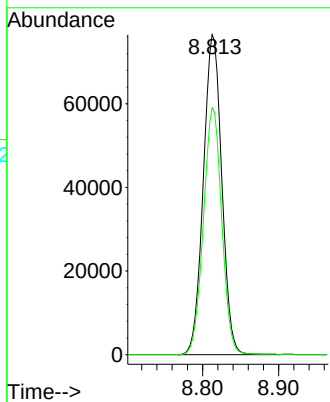
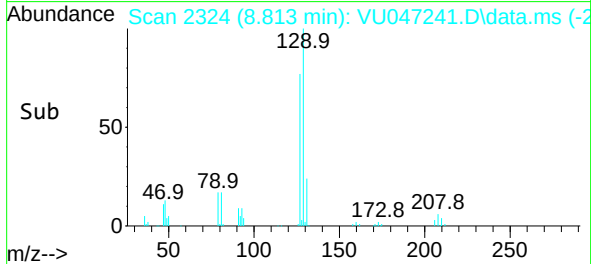
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



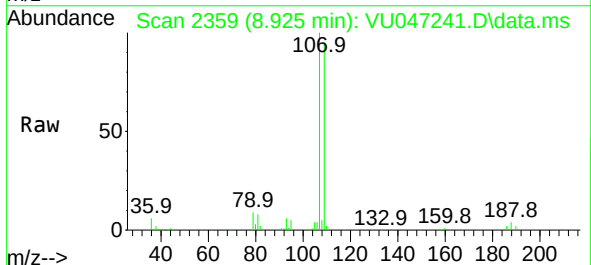
Tgt Ion:129 Resp: 12883
Ion Ratio Lower Upper
129 100
127 76.9 62.2 93.4

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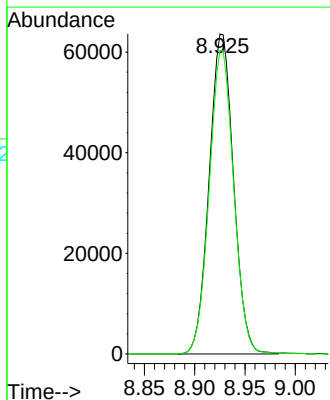
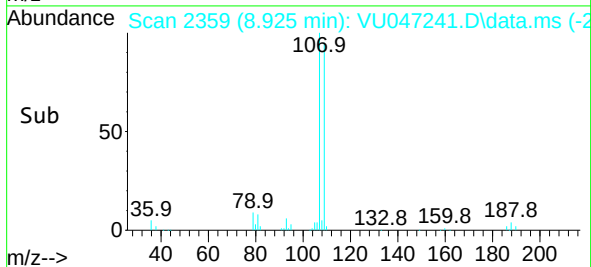
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

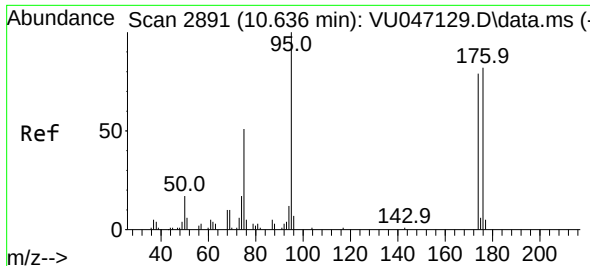


#56
1,2-Dibromoethane
Concen: 9.867 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. 0.000 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01



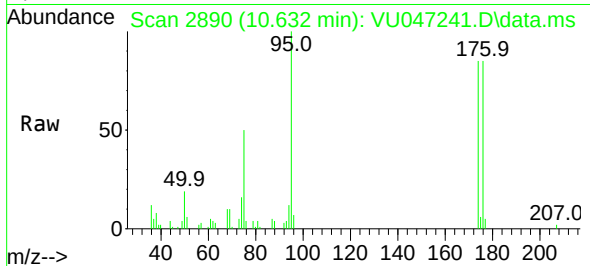
Tgt Ion:107 Resp: 107079
Ion Ratio Lower Upper
107 100
109 95.3 0.0 185.0





#57
4-Bromofluorobenzene
Concen: 0.963 ug/l
RT: 10.632 min Scan# 2891
Delta R.T. -0.003 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01

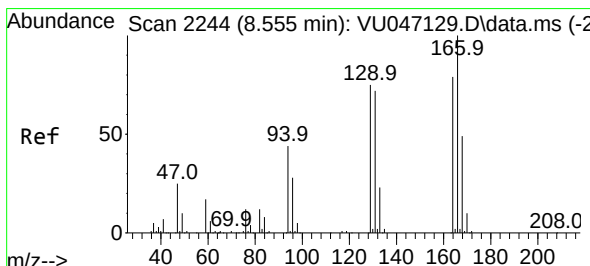
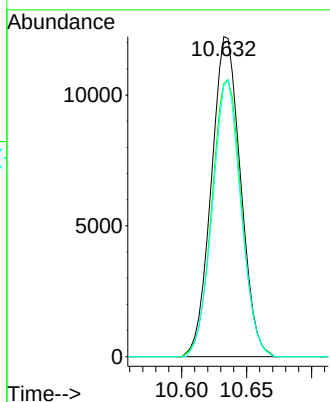
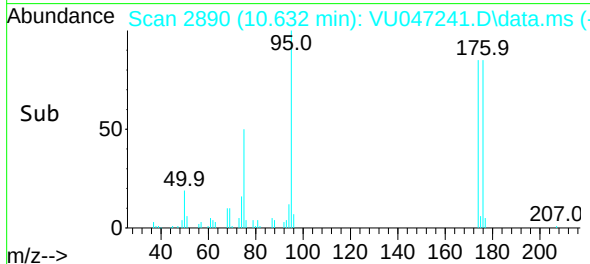
Instrument : MSVOA_U
ClientSampleId : VSTDCCC010



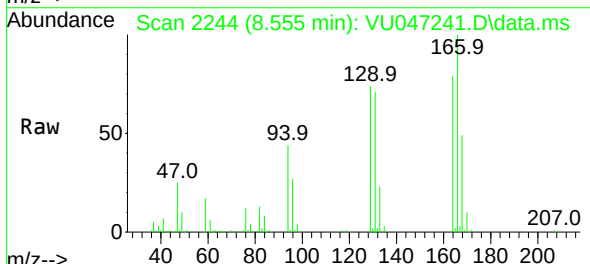
Tgt Ion: 95 Resp: 1909
Ion Ratio Lower Upper
95 100
174 87.4 56.6 84.8
176 84.3 54.3 81.5

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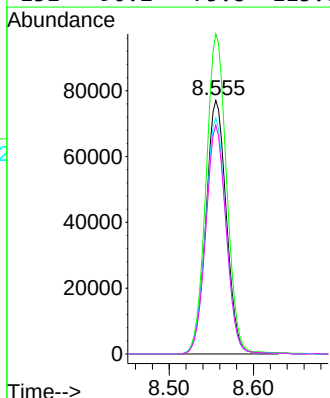
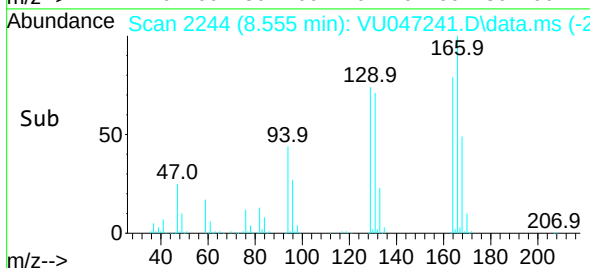
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

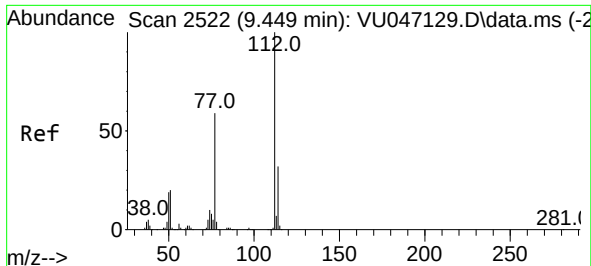


#58
Tetrachloroethene
Concen: 9.634 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01



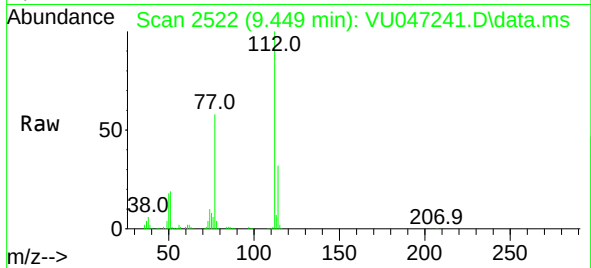
Tgt Ion:164 Resp: 129793
Ion Ratio Lower Upper
164 100
166 126.2 102.0 153.0
129 93.1 77.1 115.7
131 90.2 75.8 113.6





#59
Chlorobenzene
Concen: 9.707 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01

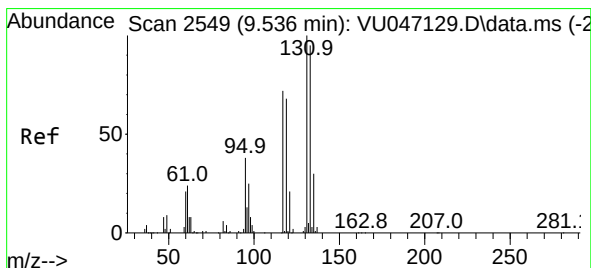
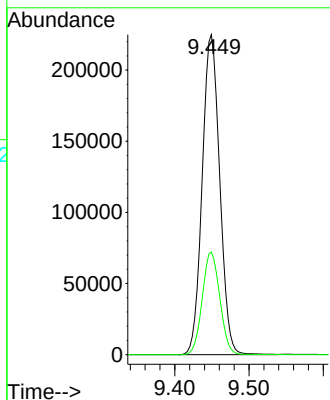
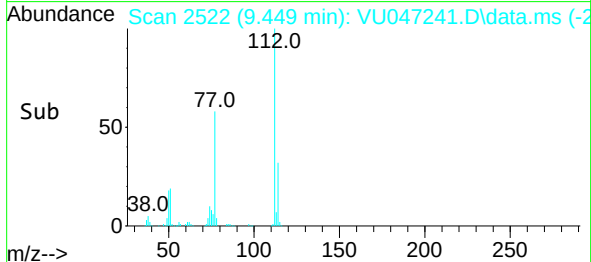
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



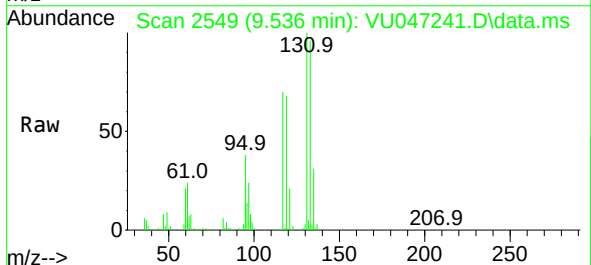
Tgt Ion:112 Resp: 36817
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.0

Manual Integrations
APPROVED

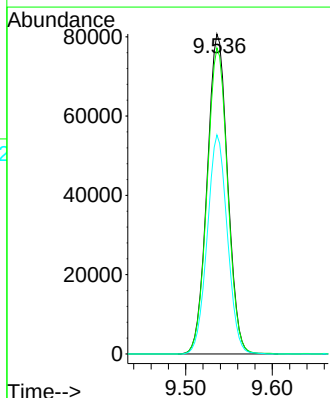
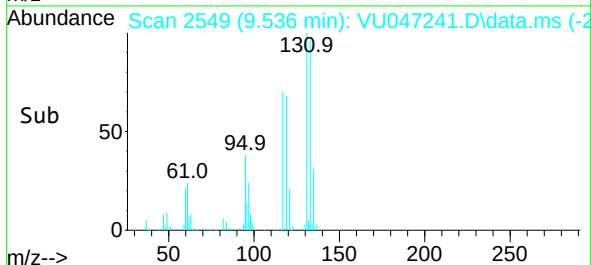
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

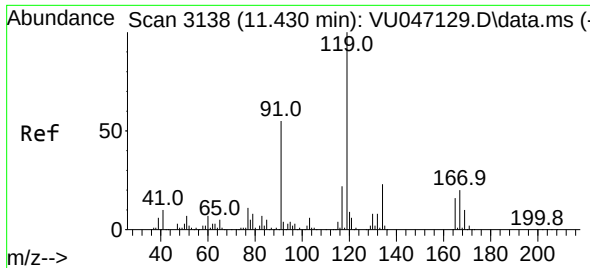


#60
1,1,1,2-Tetrachloroethane
Concen: 10.183 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.000 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01



Tgt Ion:131 Resp: 132746
Ion Ratio Lower Upper
131 100
133 95.9 76.0 114.0
119 67.3 54.9 82.3





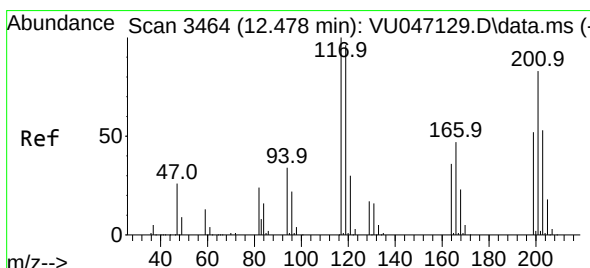
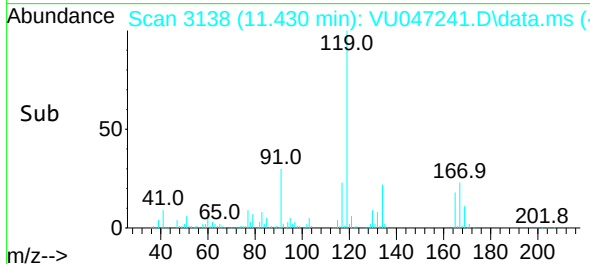
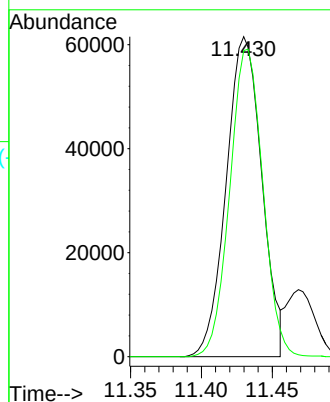
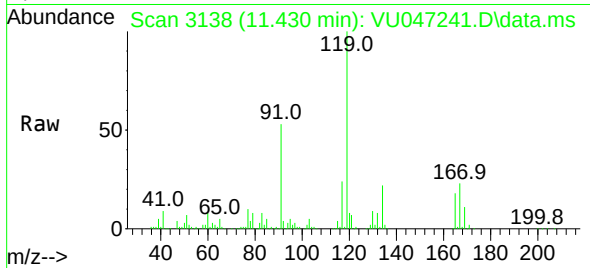
#61
 Pentachloroethane
 Concen: 10.851 ug/l
 RT: 11.430 min Scan# 3138
 Delta R.T. 0.000 min
 Lab File: VU047241.D
 Acq: 23 Feb 2022 10:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion:117 Resp: 107378
 Ion Ratio Lower Upper
 117 100
 167 89.6 59.7 89.5

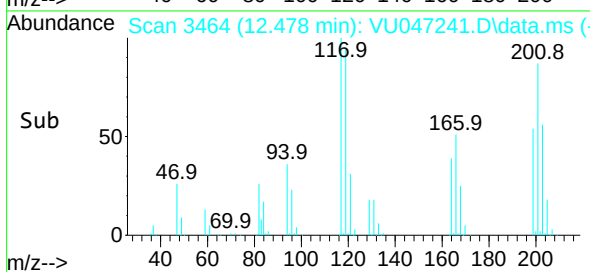
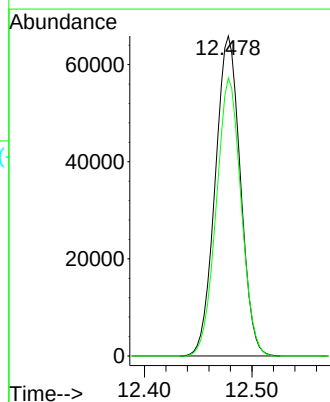
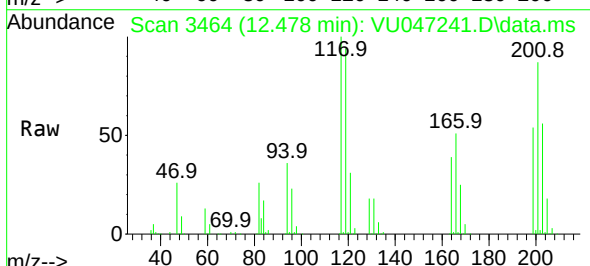
Manual Integrations
 APPROVED

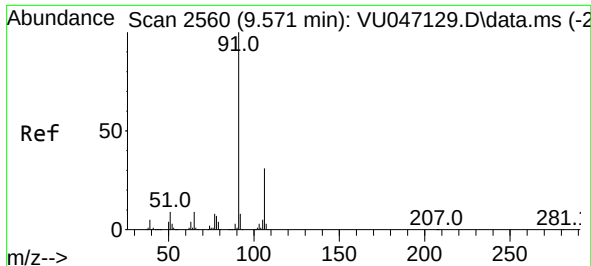
Reviewed By :John Carlone 02/24/2022
 Supervised By :Mahesh Dadoda 02/24/2022



#62
 Hexachloroethane
 Concen: 10.025 ug/l
 RT: 12.478 min Scan# 3464
 Delta R.T. 0.000 min
 Lab File: VU047241.D
 Acq: 23 Feb 2022 10:01

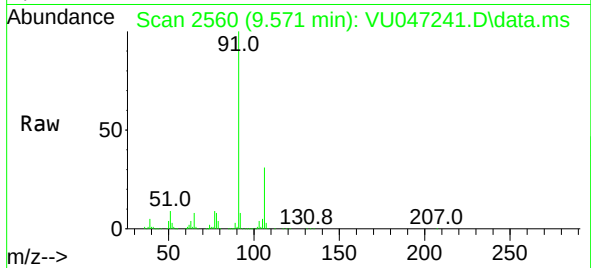
Tgt Ion:117 Resp: 107107
 Ion Ratio Lower Upper
 117 100
 201 85.9 53.6 80.4





#63
Ethyl Benzene
Concen: 9.685 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01

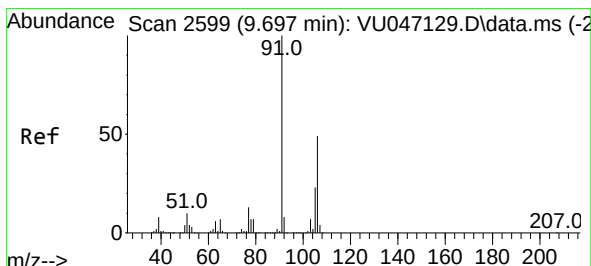
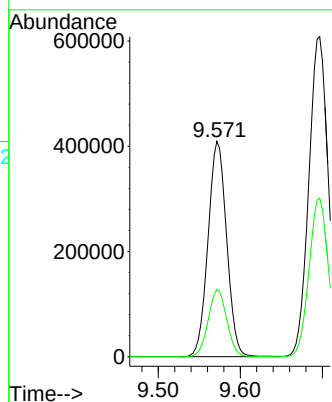
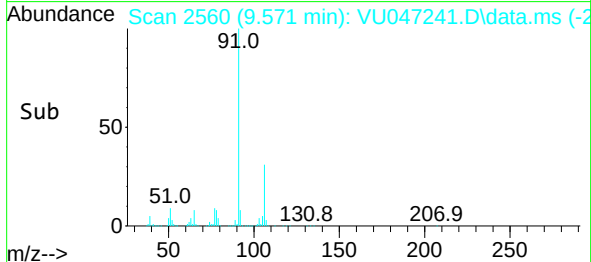
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



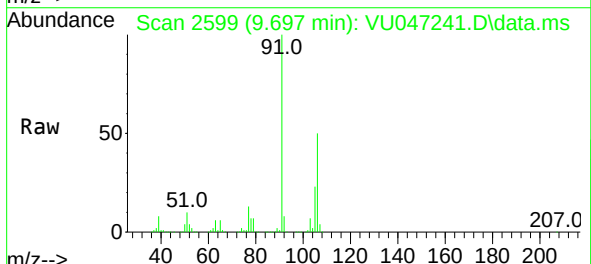
Tgt Ion: 91 Resp: 645712
Ion Ratio Lower Upper
91 100
106 31.2 24.4 36.6

Manual Integrations
APPROVED

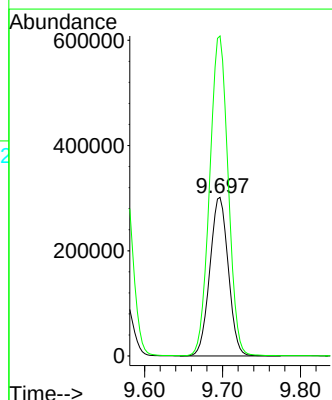
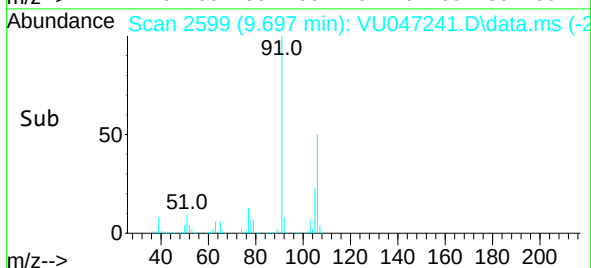
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

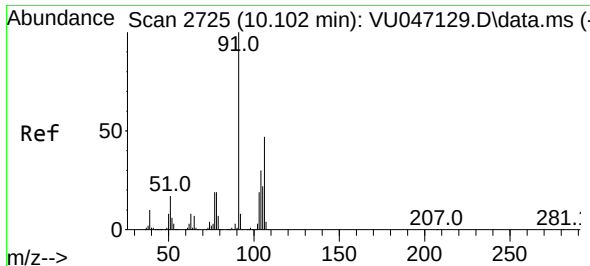


#64
m/p-Xylenes
Concen: 19.457 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01



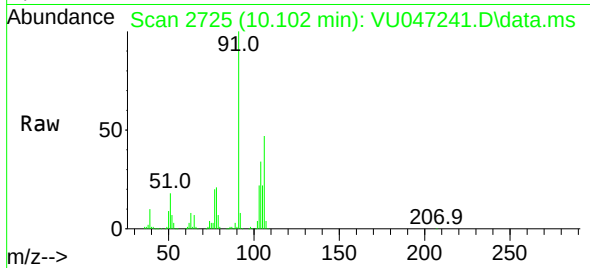
Tgt Ion:106 Resp: 494478
Ion Ratio Lower Upper
106 100
91 202.9 165.5 248.3





#65
o-Xylene
Concen: 9.743 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01

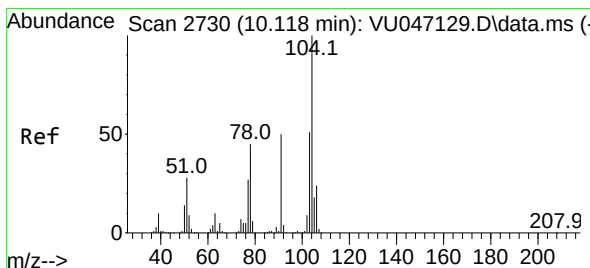
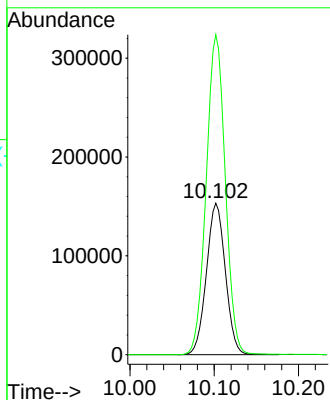
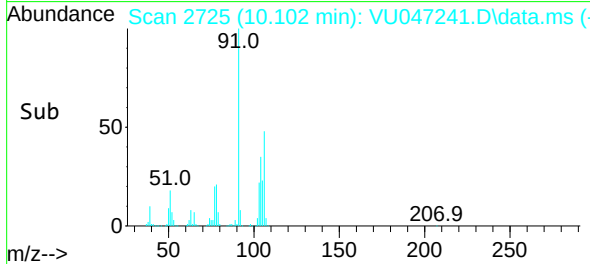
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:106 Resp: 239850
Ion Ratio Lower Upper
106 100
91 212.6 109.4 328.2

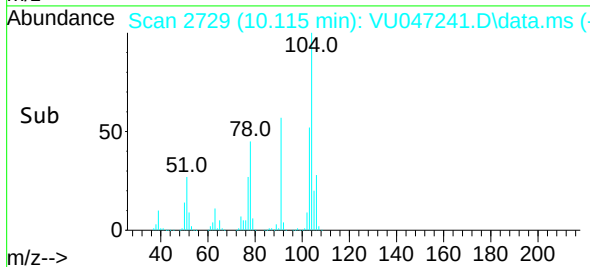
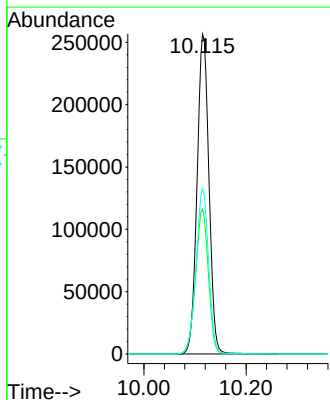
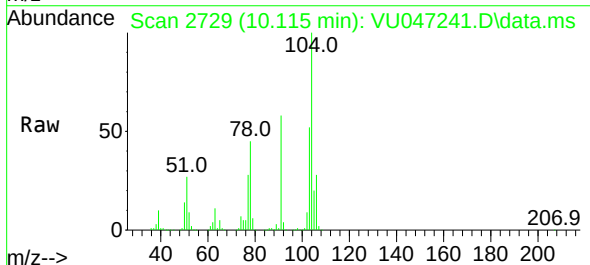
Manual Integrations
APPROVED

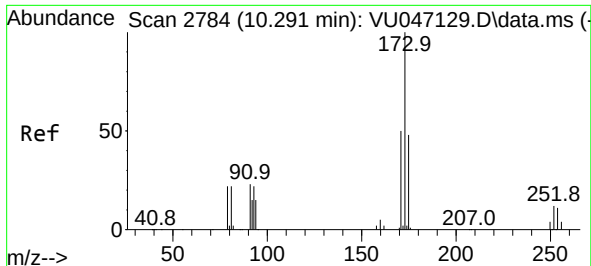
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#66
Styrene
Concen: 9.912 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01

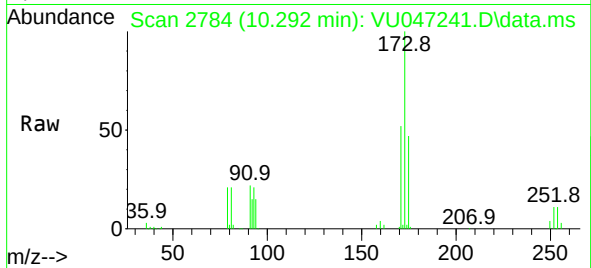
Tgt Ion:104 Resp: 414177
Ion Ratio Lower Upper
104 100
78 48.8 42.4 63.6
103 54.9 44.2 66.4





#67
Bromoform
Concen: 10.123 ug/l
RT: 10.292 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01

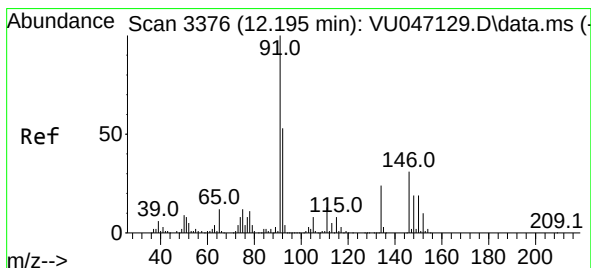
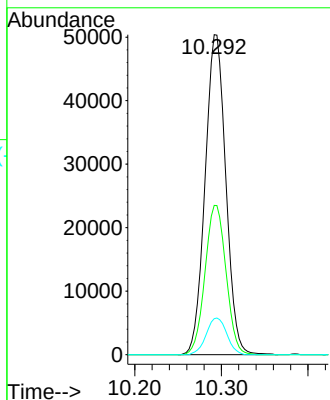
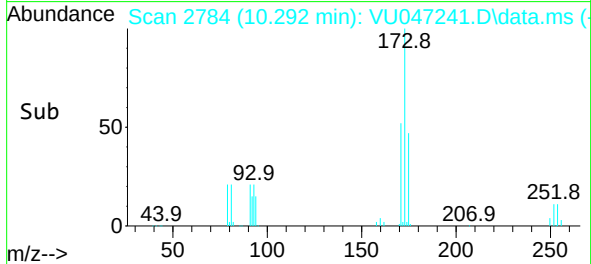
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



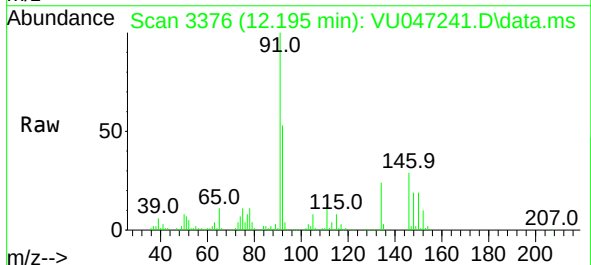
Tgt Ion:173 Resp: 83740
Ion Ratio Lower Upper
173 100
175 47.3 39.0 58.4
254 11.4 5.5 8.3

Manual Integrations
APPROVED

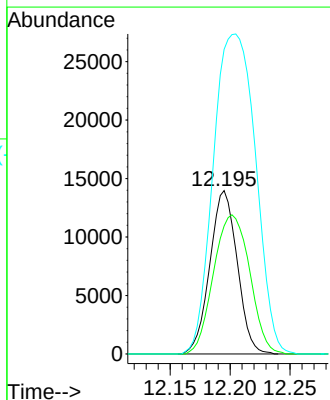
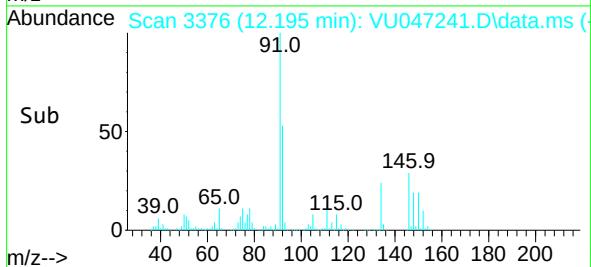
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

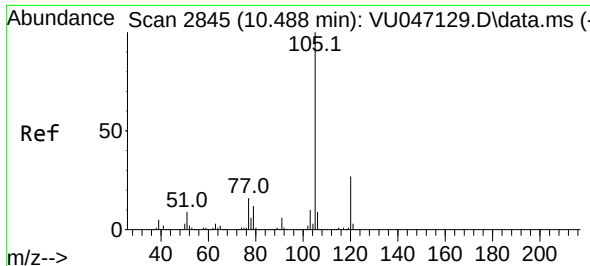


#68
1,2-Dichlorobenzene-d4
Concen: 1.074 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. 0.000 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01



Tgt Ion:152 Resp: 22175
Ion Ratio Lower Upper
152 100
115 112.5 0.0 251.0
150 302.4 0.0 613.8





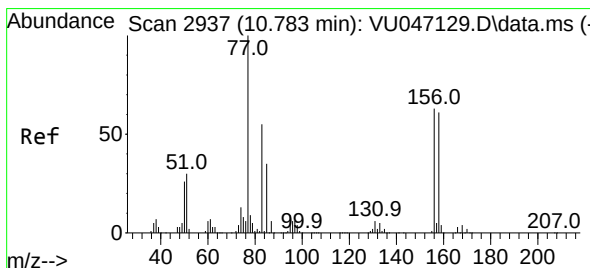
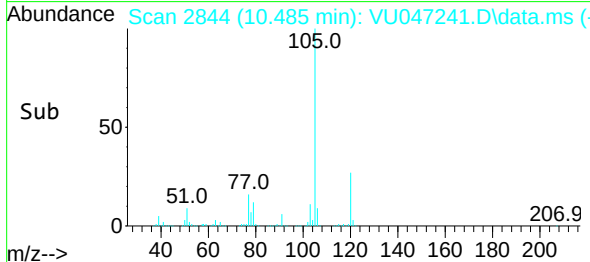
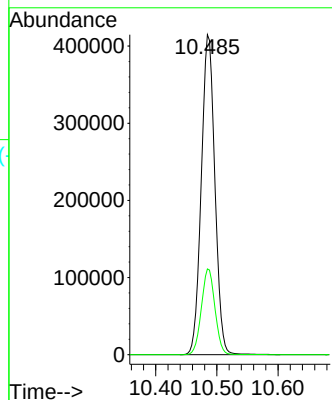
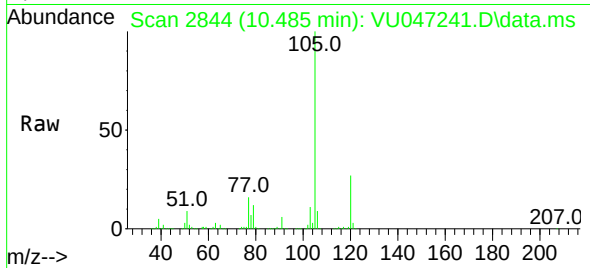
#69
Isopropylbenzene
Concen: 9.663 ug/l
RT: 10.485 min Scan# 2845
Delta R.T. -0.003 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 639760
Ion Ratio Lower Upper
105 100
120 26.7 12.8 38.4

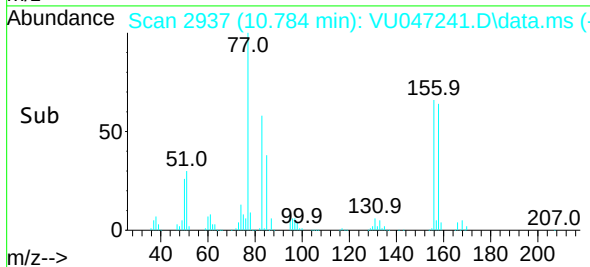
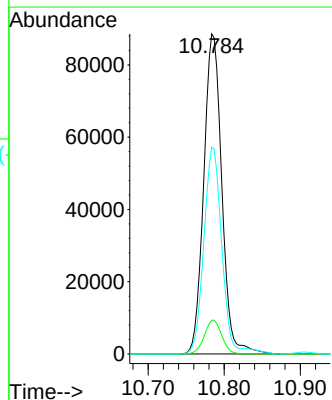
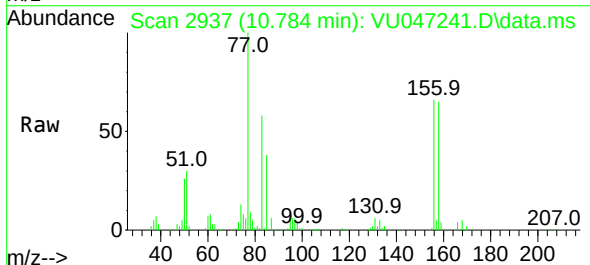
Manual Integrations
APPROVED

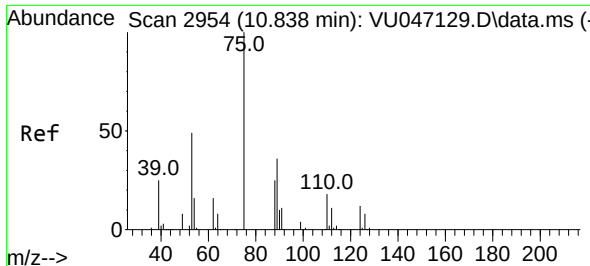
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#70
1,1,2,2-Tetrachloroethane
Concen: 10.056 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01

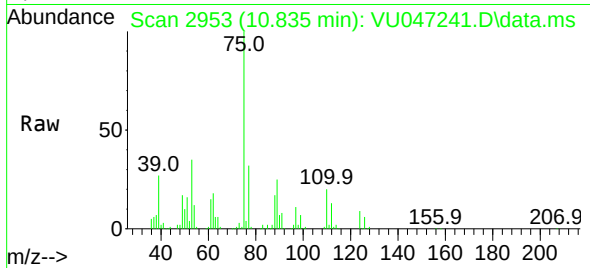
Tgt Ion: 83 Resp: 145986
Ion Ratio Lower Upper
83 100
131 10.1 7.6 11.4
85 64.5 50.9 76.3





#71
1,2,3-Trichloropropane
Concen: 8.807 ug/l m
RT: 10.835 min Scan# 2954
Delta R.T. -0.003 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01

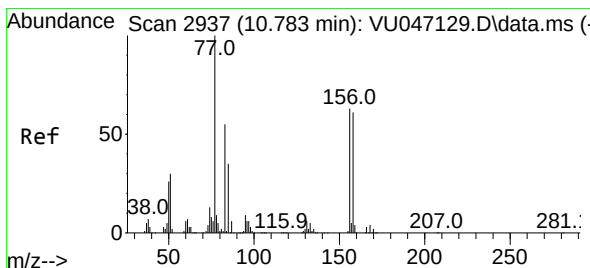
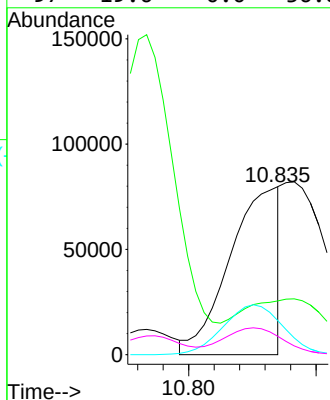
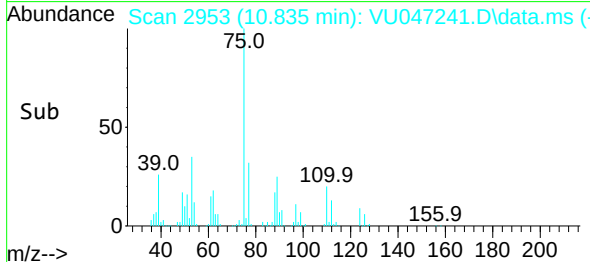
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



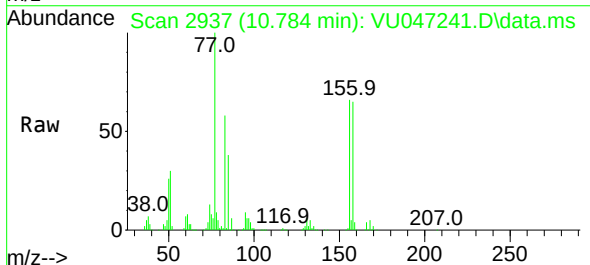
Tgt Ion: 75 Resp: 107900
Ion Ratio Lower Upper
75 100
77 58.0 0.0 105.6
110 36.0 0.0 71.2
97 19.6 0.0 36.8

Manual Integrations
APPROVED

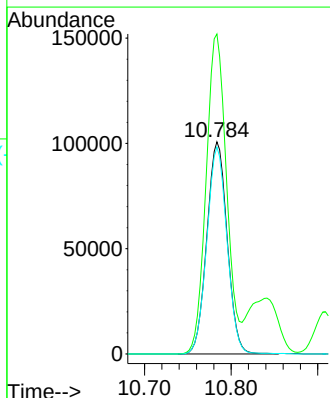
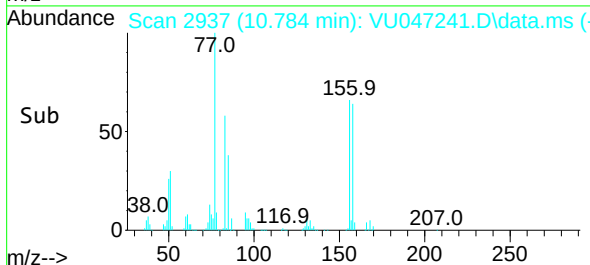
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

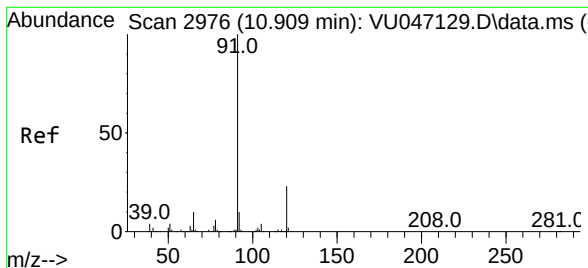


#72
Bromobenzene
Concen: 10.163 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01



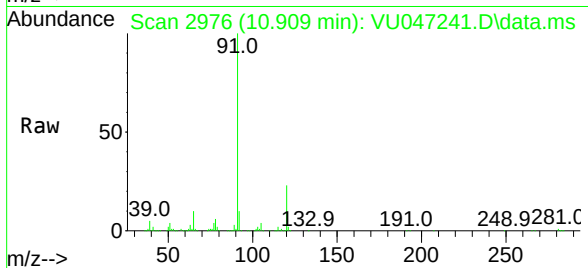
Tgt Ion:156 Resp: 164337
Ion Ratio Lower Upper
156 100
77 152.3 0.0 370.6
158 96.9 0.0 193.4





#73
n-propylbenzene
Concen: 9.871 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.000 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01

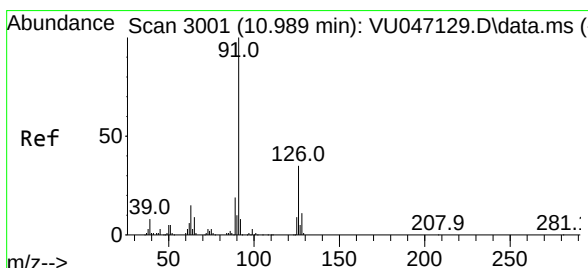
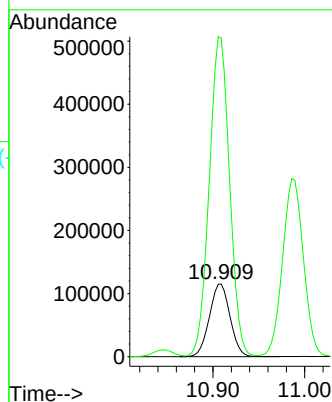
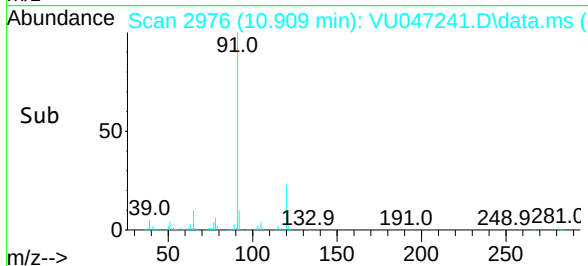
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



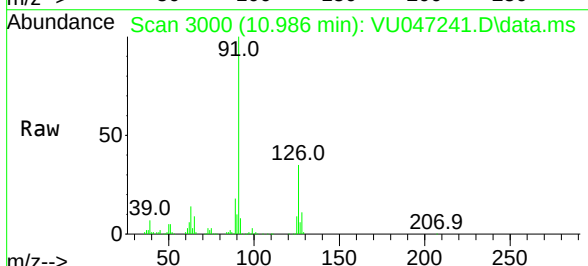
Tgt Ion:120 Resp: 179920
Ion Ratio Lower Upper
120 100
91 433.3 370.7 556.1

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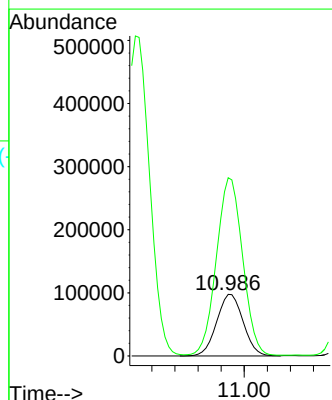
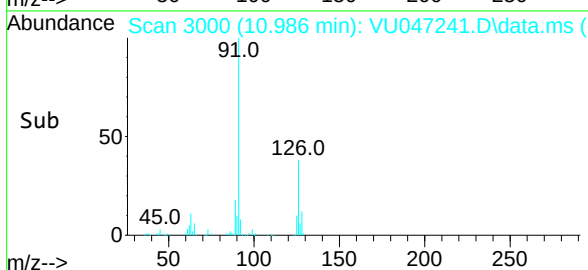
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

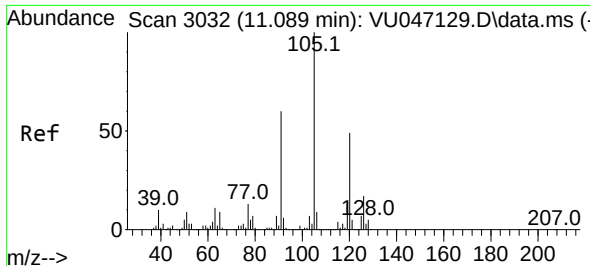


#74
2-Chlorotoluene
Concen: 9.977 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. -0.003 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01



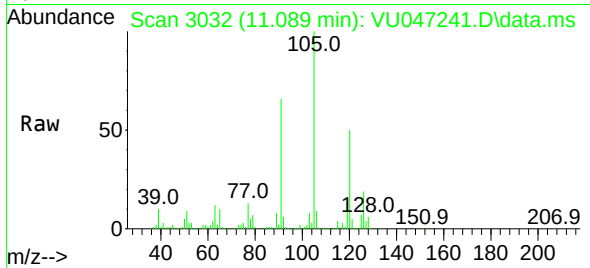
Tgt Ion:126 Resp: 155028
Ion Ratio Lower Upper
126 100
91 285.6 0.0 639.6





#75
1,3,5-Trimethylbenzene
Concen: 10.054 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01

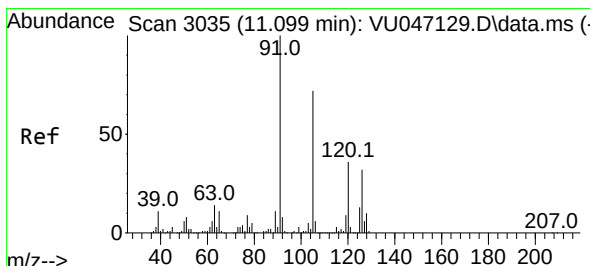
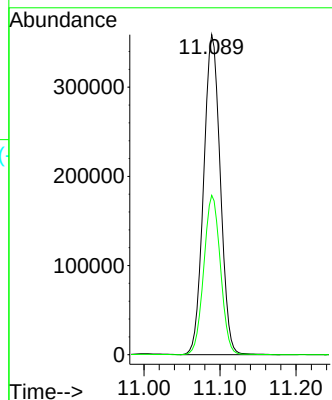
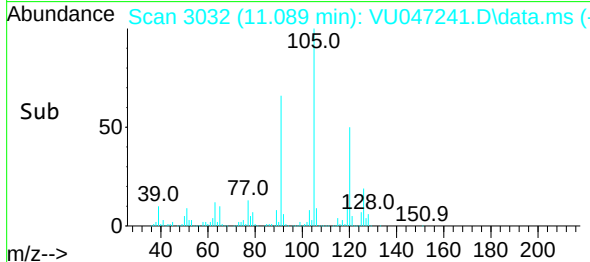
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



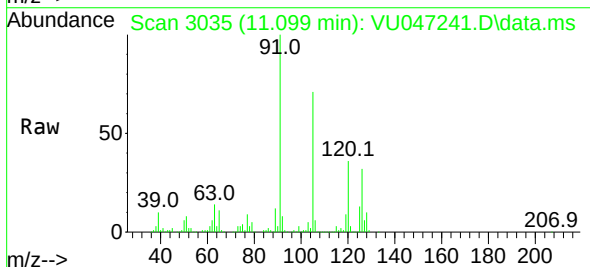
Tgt Ion:105 Resp: 545890
Ion Ratio Lower Upper
105 100
120 49.8 38.6 58.0

Manual Integrations
APPROVED

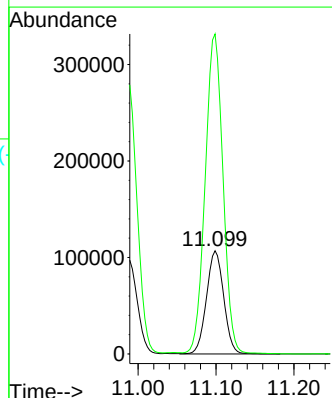
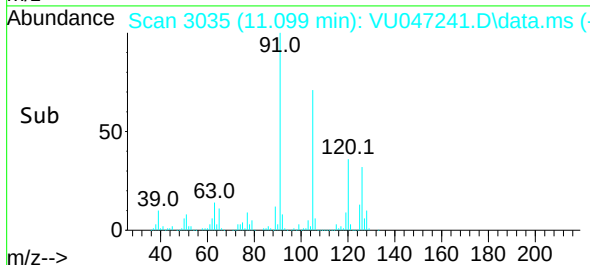
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

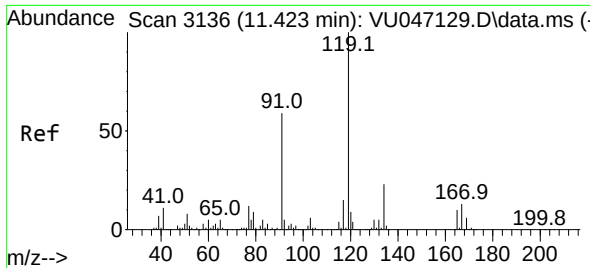


#76
4-Chlorotoluene
Concen: 10.078 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01



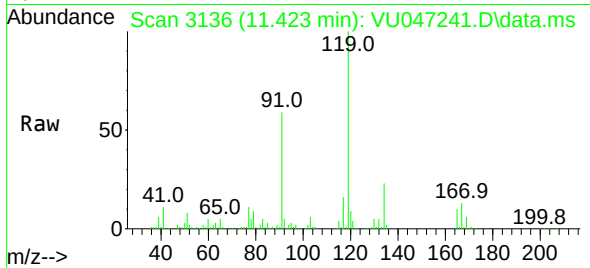
Tgt Ion:126 Resp: 164522
Ion Ratio Lower Upper
126 100
91 321.4 0.0 728.0





#77
tert-Butylbenzene
Concen: 10.015 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01

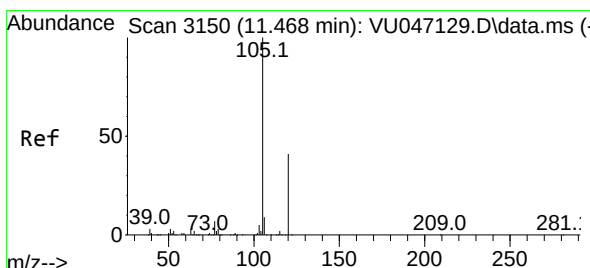
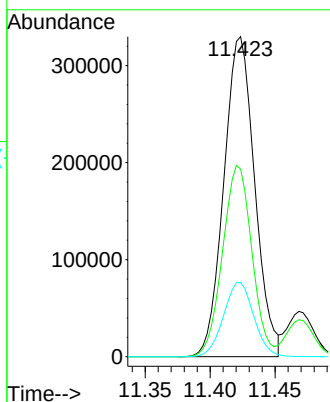
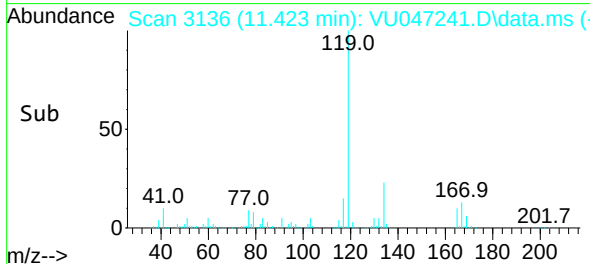
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



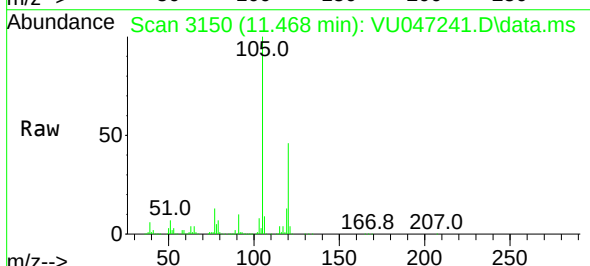
Tgt Ion:119 Resp: 54563
Ion Ratio Lower Upper
119 100
91 56.6 31.4 94.3
134 22.8 18.5 27.7

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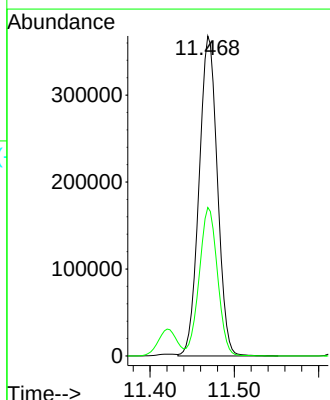
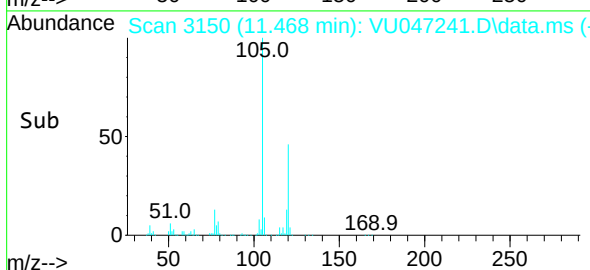
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

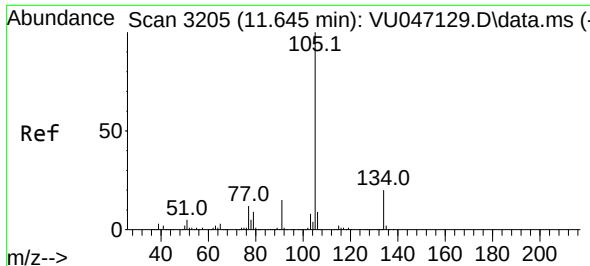


#78
1,2,4-Trimethylbenzene
Concen: 10.058 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01



Tgt Ion:105 Resp: 557360
Ion Ratio Lower Upper
105 100
120 46.4 22.3 66.8





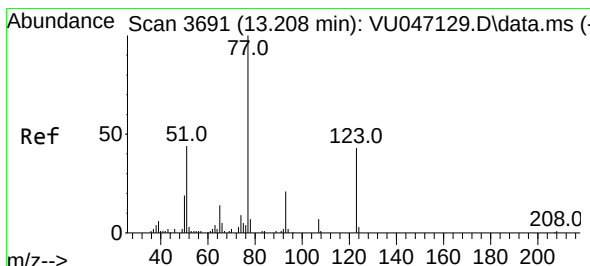
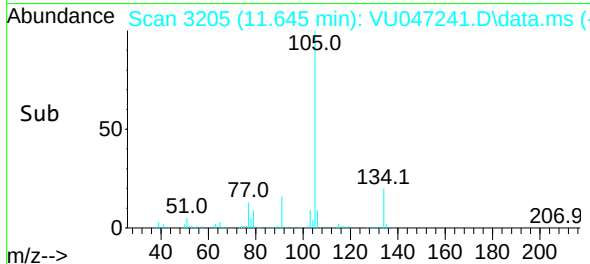
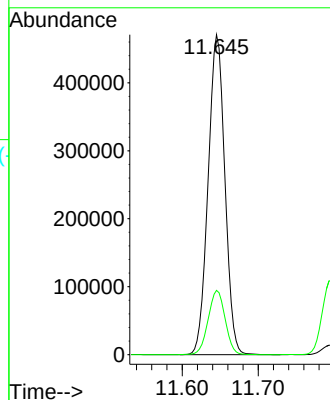
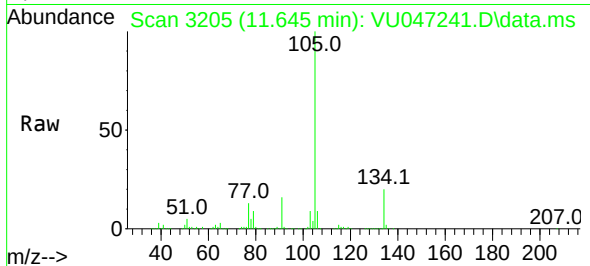
#79
 sec-Butylbenzene
 Concen: 9.959 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU047241.D
 Acq: 23 Feb 2022 10:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion:105 Resp: 72052
 Ion Ratio Lower Upper
 105 100
 134 20.4 15.4 23.0

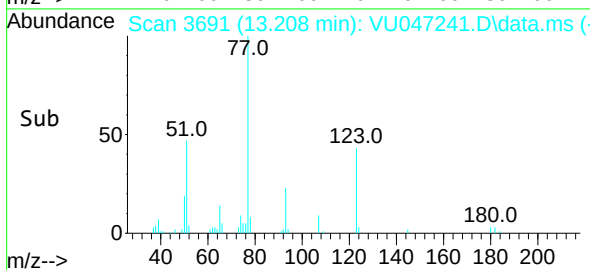
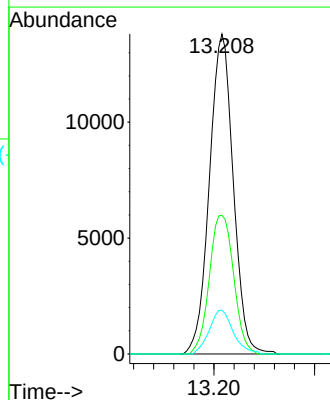
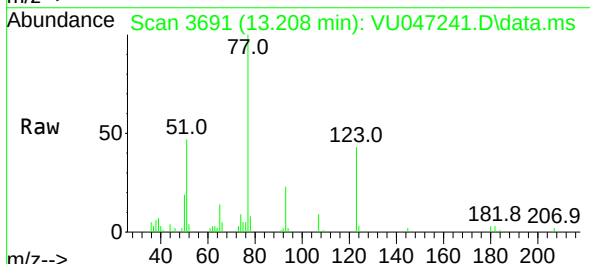
Manual Integrations
 APPROVED

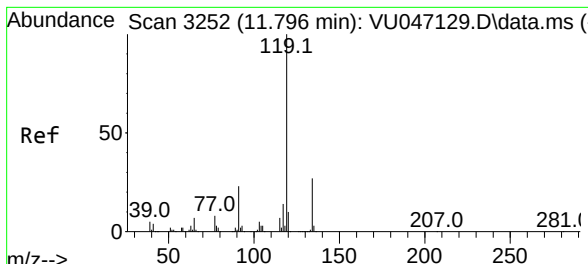
Reviewed By :John Carlone 02/24/2022
 Supervised By :Mahesh Dadoda 02/24/2022



#80
 Nitrobenzene
 Concen: 32.405 ug/l
 RT: 13.208 min Scan# 3691
 Delta R.T. 0.000 min
 Lab File: VU047241.D
 Acq: 23 Feb 2022 10:01

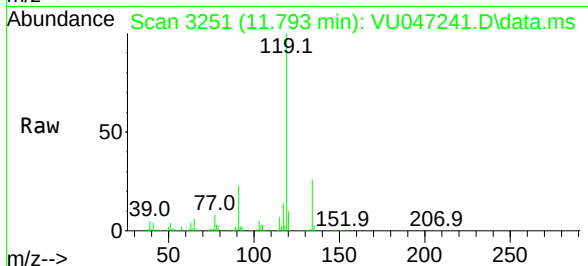
Tgt Ion: 77 Resp: 22712
 Ion Ratio Lower Upper
 77 100
 123 44.1 18.2 64.4
 65 13.8 12.0 15.2





#81
p-Isopropyltoluene
Concen: 10.100 ug/l
RT: 11.793 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01

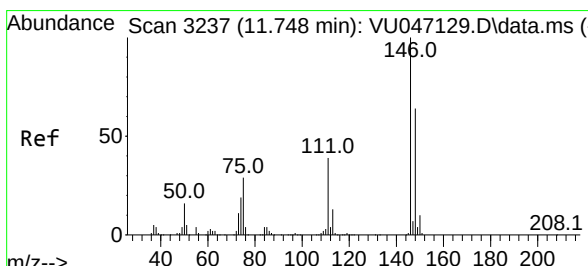
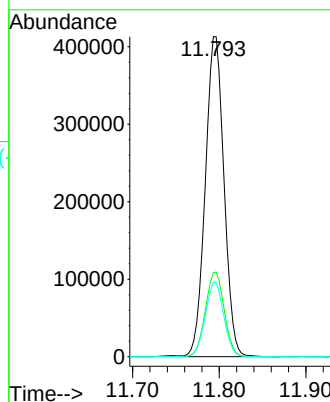
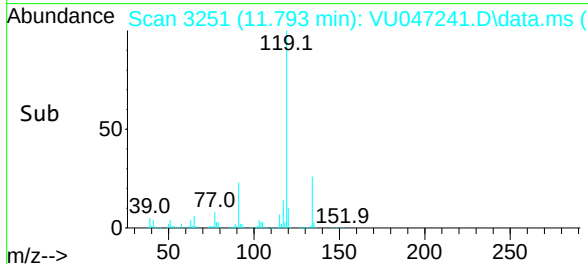
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



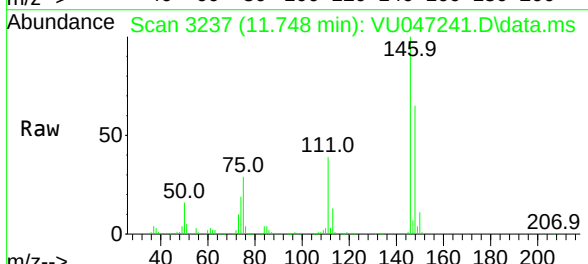
Tgt Ion:119 Resp: 618330
Ion Ratio Lower Upper
119 100
134 26.6 20.2 30.4
91 23.1 19.9 29.9

Manual Integrations
APPROVED

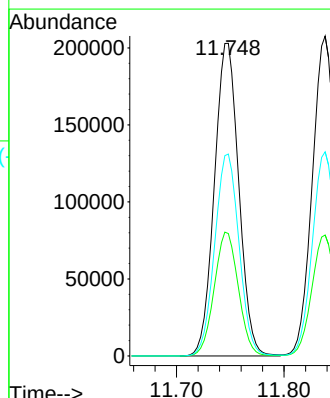
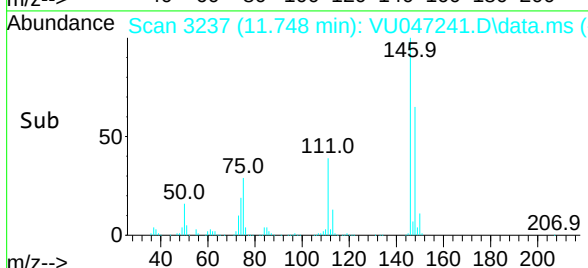
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

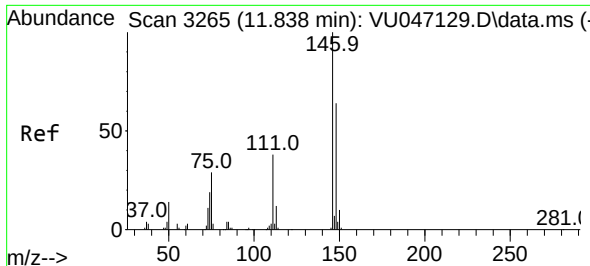


#82
1,3-Dichlorobenzene
Concen: 10.162 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01



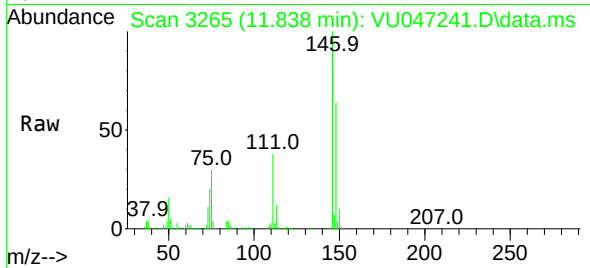
Tgt Ion:146 Resp: 319878
Ion Ratio Lower Upper
146 100
111 39.2 33.9 50.9
148 64.7 50.9 76.3





#83
1,4-Dichlorobenzene
Concen: 10.137 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01

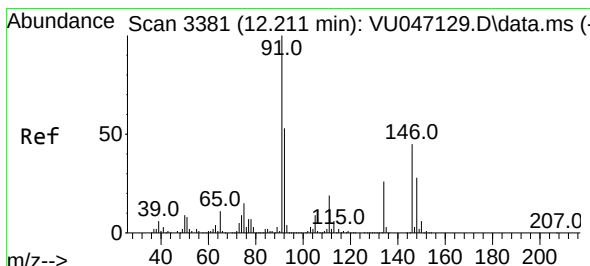
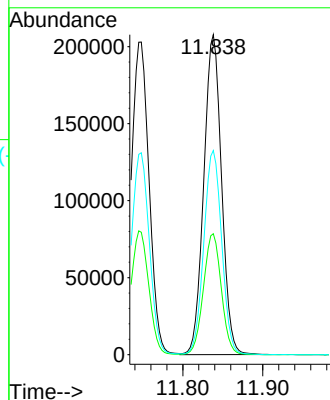
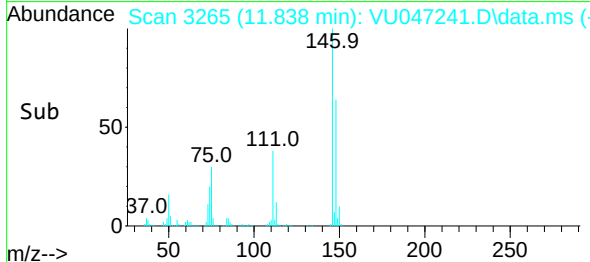
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



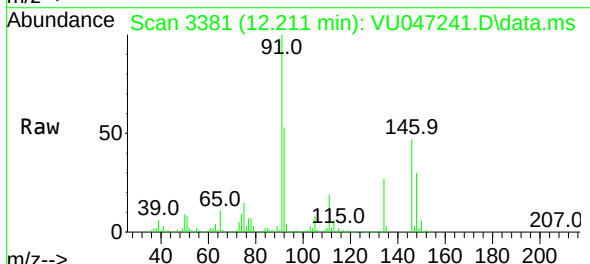
Tgt Ion:146 Resp: 32143
Ion Ratio Lower Upper
146 100
111 38.1 32.7 49.1
148 64.4 51.4 77.0

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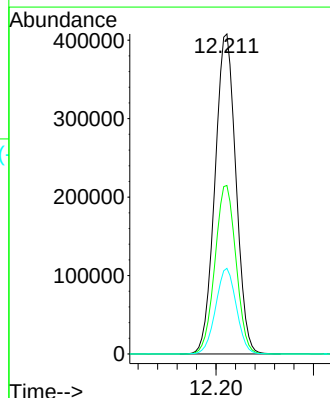
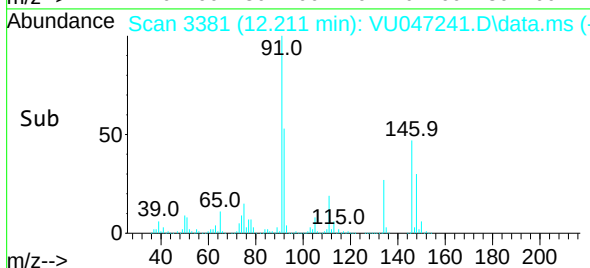
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

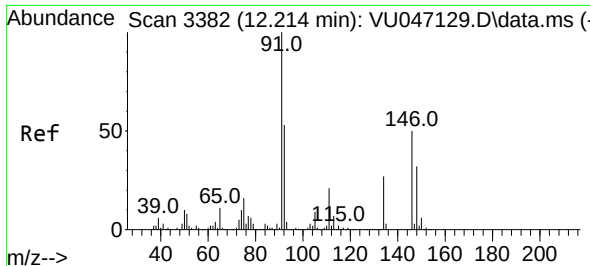


#84
n-Butylbenzene
Concen: 10.371 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01



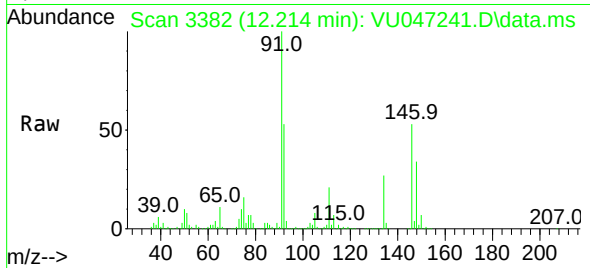
Tgt Ion: 91 Resp: 609666
Ion Ratio Lower Upper
91 100
92 52.9 43.5 65.3
134 26.4 19.0 28.4





#85
1,2-Dichlorobenzene
Concen: 10.255 ug/l
RT: 12.214 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01

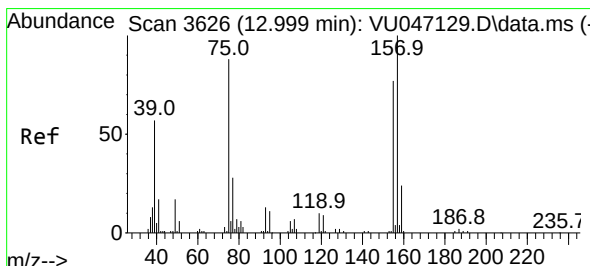
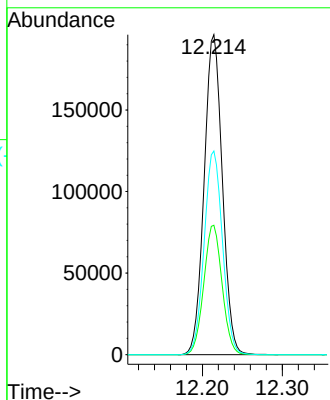
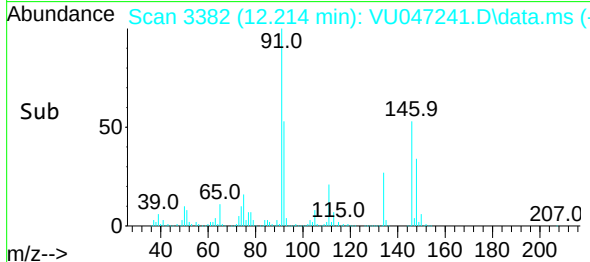
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



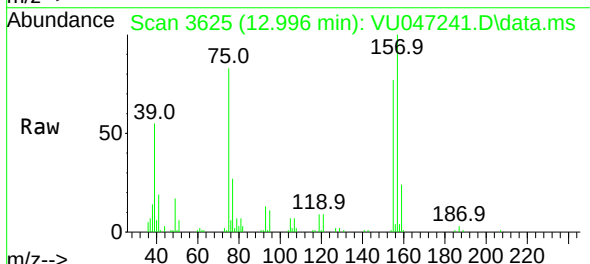
Tgt Ion:146 Resp: 31073
Ion Ratio Lower Upper
146 100
111 40.7 22.1 66.1
148 64.2 31.6 94.7

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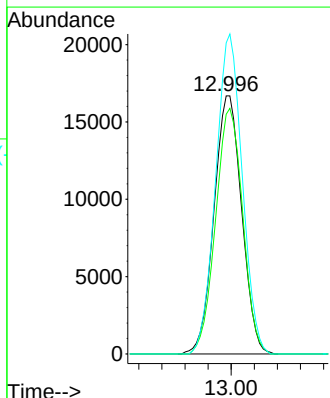
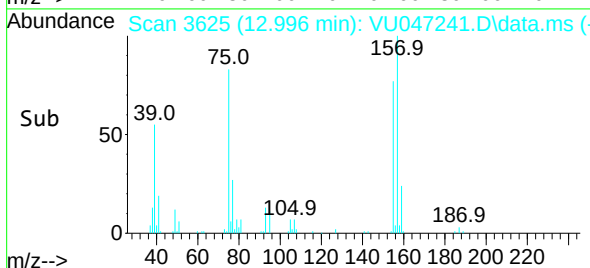
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

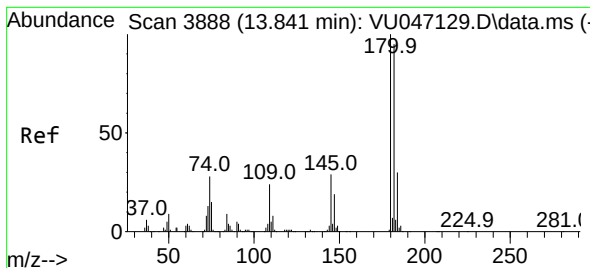


#86
1,2-Dibromo-3-Chloropropane
Concen: 10.413 ug/l
RT: 12.996 min Scan# 3625
Delta R.T. -0.003 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01



Tgt Ion: 75 Resp: 27717
Ion Ratio Lower Upper
75 100
155 93.3 57.8 86.8#
157 119.0 75.1 112.7#





#87

1,2,4-Trichlorobenzene

Concen: 11.004 ug/l

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU047241.D

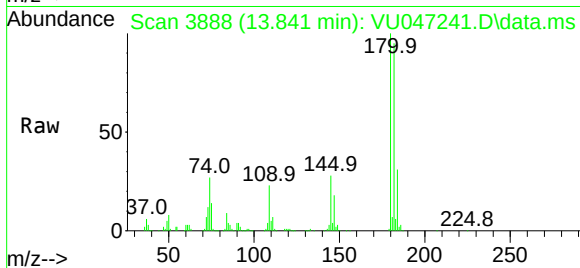
Acq: 23 Feb 2022 10:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010



Tgt Ion:180 Resp: 261810

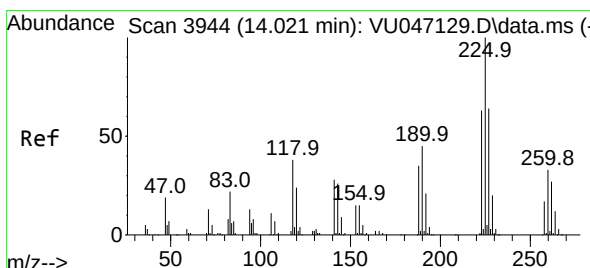
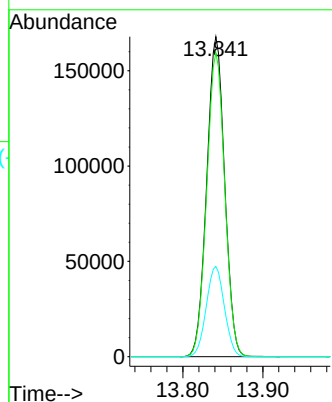
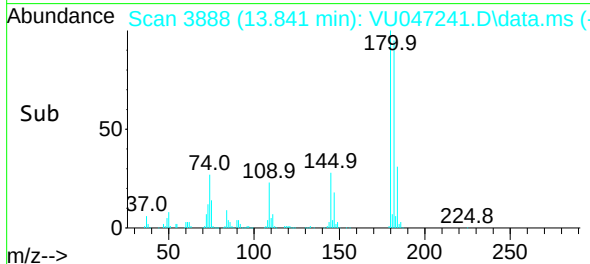
Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.8	113.8
145	28.5	25.3	37.9

Manual Integrations

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Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#88

Hexachlorobutadiene

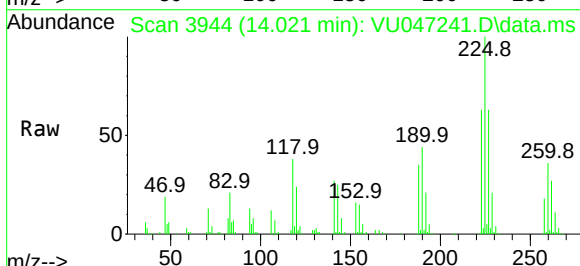
Concen: 10.844 ug/l

RT: 14.021 min Scan# 3944

Delta R.T. 0.000 min

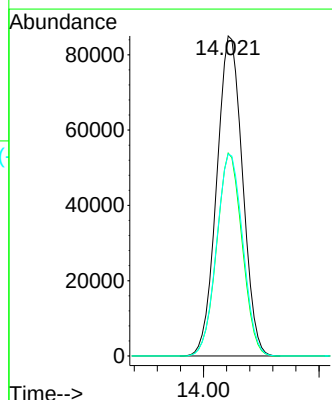
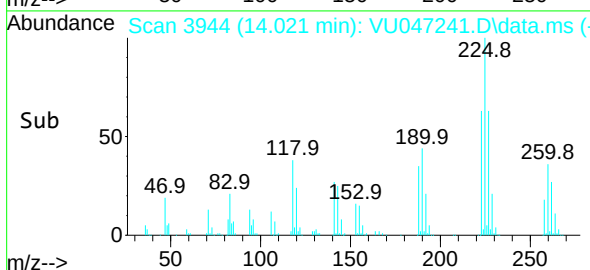
Lab File: VU047241.D

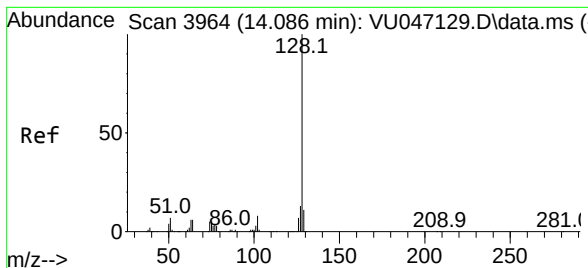
Acq: 23 Feb 2022 10:01



Tgt Ion:225 Resp: 131908

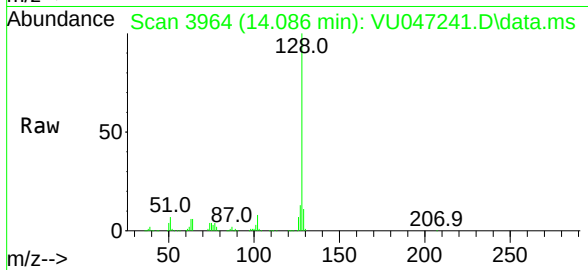
Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.1	76.7
227	64.3	49.9	74.9





#89
Naphthalene
Concen: 10.459 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01

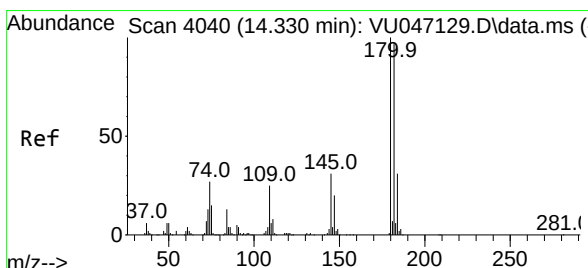
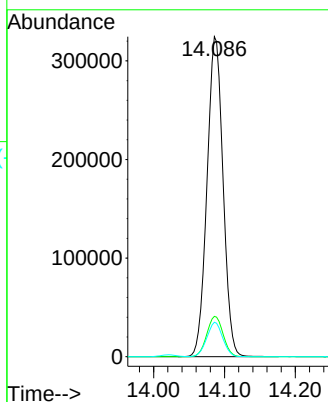
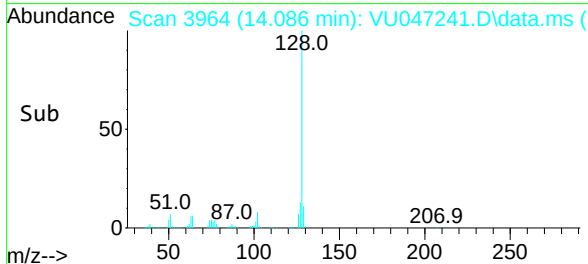
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



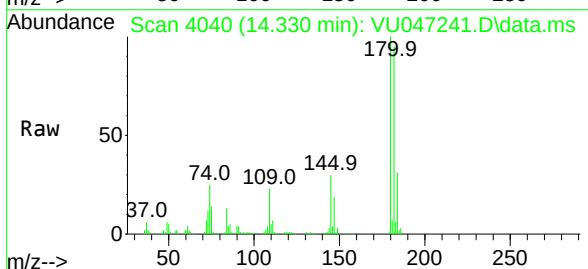
Tgt Ion:128 Resp: 509699
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 10.7 8.6 13.0

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



#90
1,2,3-Trichlorobenzene
Concen: 11.195 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047241.D
Acq: 23 Feb 2022 10:01



Tgt Ion:180 Resp: 238912
Ion Ratio Lower Upper
180 100
182 95.6 75.4 113.0
145 30.1 27.0 40.4

