

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022322\
 Data File : VU047243.D
 Acq On : 23 Feb 2022 11:25
 Operator : SY/MD
 Sample : VU0223WBS01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0223WBS01

Manual Integrations
 APPROVED

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

Quant Time: Feb 24 05:57:50 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	50339	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	18458	0.947	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	19678	0.969	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	29805	1.776	ug/l	99
3) Chloromethane	1.533	50	37445	2.172	ug/l	99
4) Vinyl Chloride	1.607	62	29453	1.731	ug/l	99
5) Bromomethane	1.861	94	14431	1.298	ug/l	96
6) Chloroethane	1.938	64	17138	1.753	ug/l	100
7) Trichlorofluoromethane	2.144	101	37887	1.889	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	22377	1.936	ug/l	94
9) 1,1-Dichloroethene	2.588	96	22375	1.880	ug/l	94
10) Iodomethane	2.726	142	15651	1.906	ug/l	99
11) Allyl Chloride	2.928	41	31467	1.697	ug/l	96
12) Acrylonitrile	3.317	53	12132	3.474	ug/l	91
13) Acetone	2.626	43	22740	13.829	ug/l	98
14) Carbon Disulfide	2.800	76	71071	1.766	ug/l	97
15) Methylene Chloride	3.051	84	25841	1.934	ug/l	94
16) trans-1,2-Dichloroethene	3.356	96	24419	1.945	ug/l	92
17) 1,1-Dichloroethane	3.877	63	40402	1.756	ug/l	99
18) 2-Butanone	4.713	43	33979	9.658	ug/l	98
19) Cyclohexane	5.391	56	35462m	1.664	ug/l	
20) Methylcyclohexane	6.764	83	39679	1.689	ug/l	98
21) 2,2-Dichloropropane	4.671	77	36448	1.773	ug/l	96
22) cis-1,2-Dichloroethene	4.674	96	25876	1.792	ug/l	93
23) Diethyl Ether	2.382	59	17300	1.799	ug/l	98
24) tert-Butyl Alcohol	3.182	59	21998	35.173	ug/l #	92
25) Methyl tert-Butyl Ether	3.372	73	59911	1.796	ug/l	99
26) Bromochloromethane	4.980	128	12179	1.875	ug/l	87
27) Chloroform	5.092	83	42723	1.830	ug/l	99
28) 1,1,1-Trichloroethane	5.321	97	36848	1.823	ug/l	97
29) 1,1-Dichloropropene	5.530	75	32604	1.762	ug/l	96
30) Carbon Tetrachloride	5.530	117	31674	1.782	ug/l	97
31) Isopropyl Ether	3.999	45	62219	1.691	ug/l	97
32) Ethyl-t-butyl ether	4.510	59	64665	1.729	ug/l	96
33) Tert-Amyl methyl ether	5.944	73	58944	1.711	ug/l	98
34) Propionitrile	4.780	54	10079	11.892	ug/l #	85
35) Benzene	5.777	78	93646	1.806	ug/l	99
36) 1,2-Dichloroethane	5.800	62	28308	1.803	ug/l	99
37) Trichloroethene	6.546	130	26601	1.853	ug/l	97
38) 1,2-Dichloropropane	6.796	63	24530	1.788	ug/l	99
39) Methacrylonitrile	4.983	41	8327	1.761	ug/l	99
40) Methyl acrylate	4.854	55	13675	1.711	ug/l	97
41) Tetrahydrofuran	5.067	42	8892	3.691	ug/l	97
42) 1-Chlorobutane	5.462	56	43526	1.752	ug/l	98
43) Dibromomethane	6.922	93	13112	1.772	ug/l	92
44) Bromodichloromethane	7.108	83	30903	1.766	ug/l #	99

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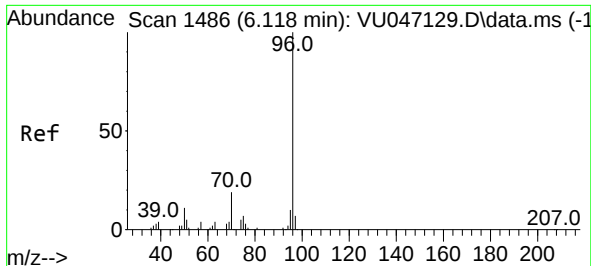
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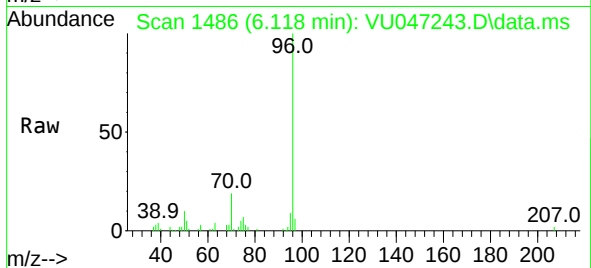
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.793	43	77104	7.704	ug/l	98
46) t-1,4-Dichloro-2-butene	10.835	75	13819m	3.172	ug/l	
47) Methyl methacrylate	6.964	69	25739	3.317	ug/l	93
48) Ethyl methacrylate	8.337	69	24808	1.577	ug/l	95
49) Toluene	7.973	92	59525	1.780	ug/l	99
50) t-1,3-Dichloropropene	8.214	75	31468	1.661	ug/l	92
51) cis-1,3-Dichloropropene	7.610	75	35194	1.657	ug/l	99
52) 1,1,2-Trichloroethane	8.404	97	18251	1.729	ug/l	99
53) 1,3-Dichloropropane	8.578	76	31712	1.681	ug/l	97
54) 2-Hexanone	8.687	43	55201	7.404	ug/l	100
55) Dibromochloromethane	8.812	129	20705	1.613	ug/l	99
56) 1,2-Dibromoethane	8.925	107	17782	1.667	ug/l	95
58) Tetrachloroethene	8.555	164	22931	1.731	ug/l	96
59) Chlorobenzene	9.449	112	65424	1.754	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.536	131	22822	1.781	ug/l	99
61) Pentachloroethane	11.430	117	18098	1.860	ug/l	86
62) Hexachloroethane	12.478	117	17406	1.657	ug/l #	76
63) Ethyl Benzene	9.571	91	114009	1.739	ug/l	100
64) m/p-Xylenes	9.697	106	87213	3.490	ug/l	95
65) o-Xylene	10.102	106	42084	1.739	ug/l	97
66) Styrene	10.115	104	69926	1.702	ug/l	97
67) Bromoform	10.291	173	12463	1.532	ug/l #	98
69) Isopropylbenzene	10.484	105	112195	1.723	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.783	83	23638	1.656	ug/l	97
71) 1,2,3-Trichloropropane	10.828	75	17131m	1.422	ug/l	
72) Bromobenzene	10.783	156	28502	1.793	ug/l	83
73) n-propylbenzene	10.909	120	31214	1.742	ug/l	88
74) 2-Chlorotoluene	10.989	126	27338	1.789	ug/l	80
75) 1,3,5-Trimethylbenzene	11.089	105	93452	1.750	ug/l	99
76) 4-Chlorotoluene	11.098	126	28975	1.805	ug/l	77
77) tert-Butylbenzene	11.420	119	95080	1.775	ug/l	94
78) 1,2,4-Trimethylbenzene	11.468	105	94695	1.738	ug/l	97
79) sec-Butylbenzene	11.645	105	125380	1.763	ug/l	99
80) Nitrobenzene	13.208	77	2583	3.748	ug/l #	93
81) p-Isopropyltoluene	11.793	119	103954	1.727	ug/l	97
82) 1,3-Dichlorobenzene	11.748	146	54834	1.772	ug/l	96
83) 1,4-Dichlorobenzene	11.838	146	55906	1.793	ug/l	97
84) n-Butylbenzene	12.211	91	101685	1.759	ug/l	97
85) 1,2-Dichlorobenzene	12.214	146	52583	1.765	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.999	75	4146	1.584	ug/l #	76
87) 1,2,4-Trichlorobenzene	13.841	180	43071	1.841	ug/l	98
88) Hexachlorobutadiene	14.024	225	22178	1.854	ug/l	98
89) Naphthalene	14.089	128	78871	1.646	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	38401	1.830	ug/l	98

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 1486
Delta R.T. -0.000 min
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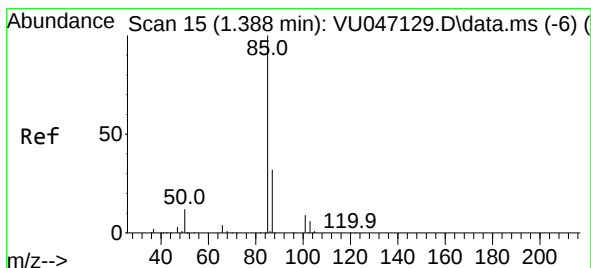
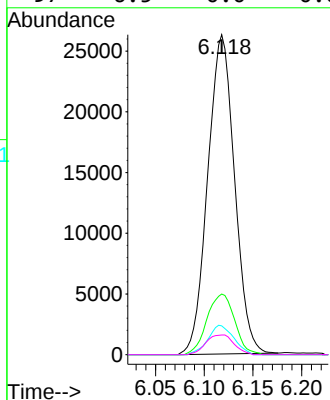
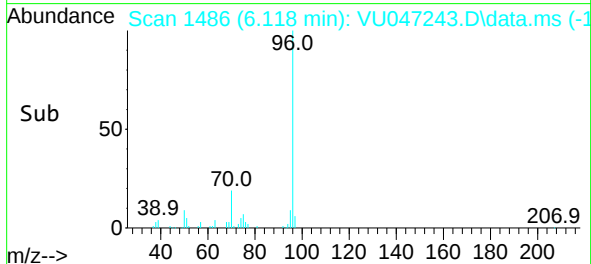
Instrument : MSVOA_U
ClientSampleId : VU0223WBS01



Tgt Ion: 96 Resp: 50339
Ion Ratio Lower Upper
96 100
70 19.6 16.8 25.2
95 8.8 7.3 10.9
97 6.5 0.0 0.0#

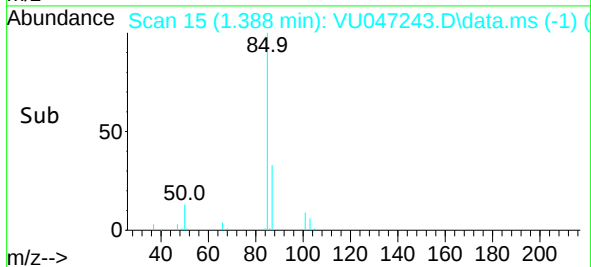
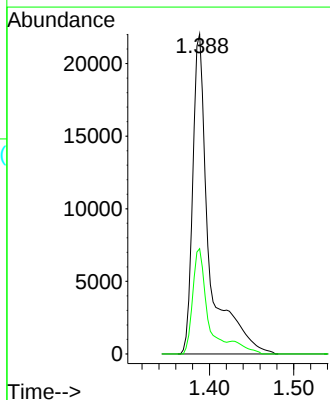
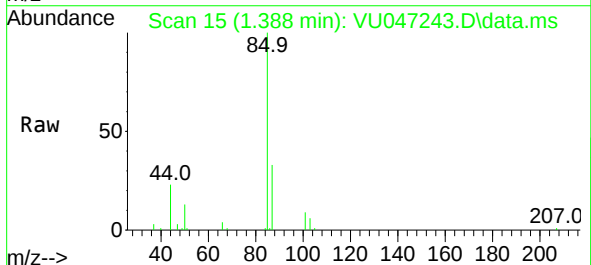
Manual Integrations
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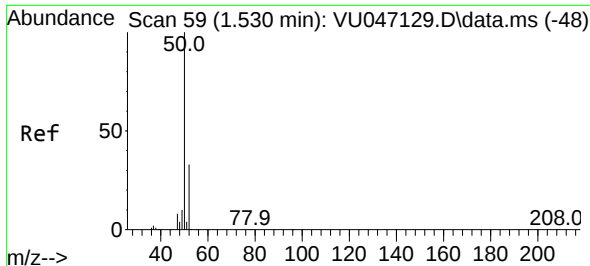
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#2
Dichlorodifluoromethane
Concen: 1.776 ug/l
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25

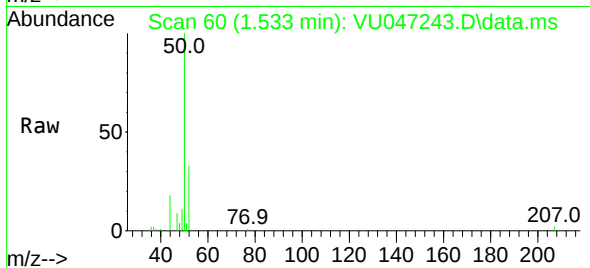
Tgt Ion: 85 Resp: 29805
Ion Ratio Lower Upper
85 100
87 32.9 16.2 48.6





#3
Chloromethane
Concen: 2.172 ug/l
RT: 1.533 min Scan# 60
Delta R.T. 0.003 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25

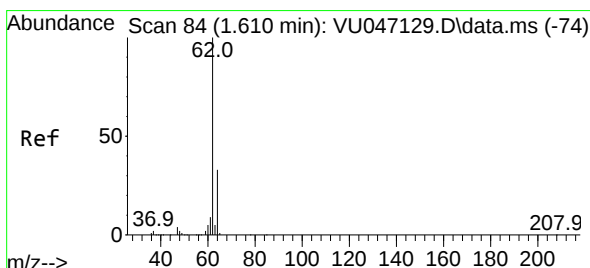
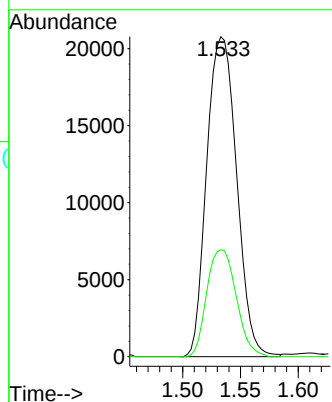
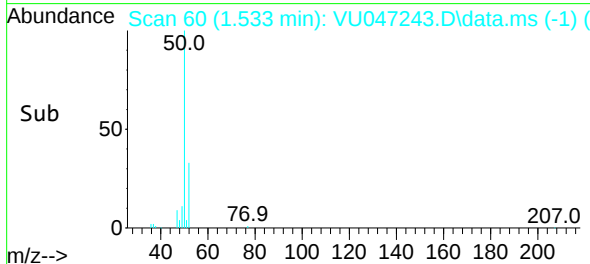
Instrument :
MSVOA_U
ClientSampleId :
VU0223WBS01



Tgt Ion: 50 Resp: 3744
Ion Ratio Lower Upper
50 100
52 33.5 26.2 39.4

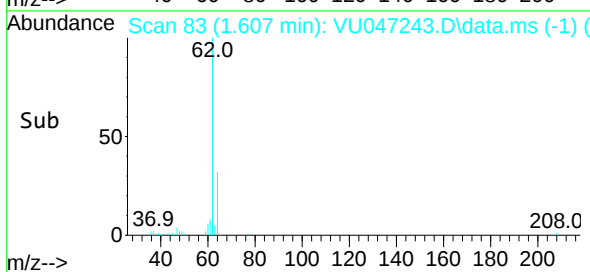
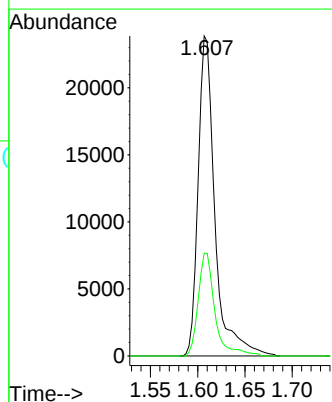
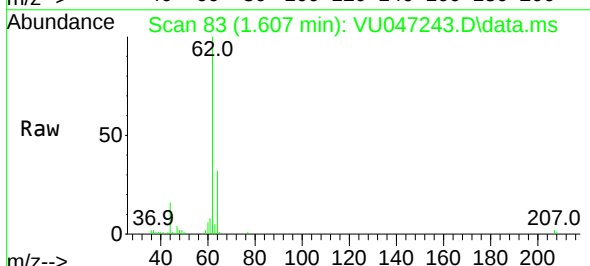
Manual Integrations
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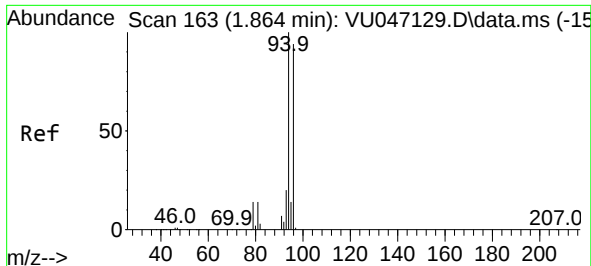
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#4
Vinyl Chloride
Concen: 1.731 ug/l
RT: 1.607 min Scan# 83
Delta R.T. -0.003 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25

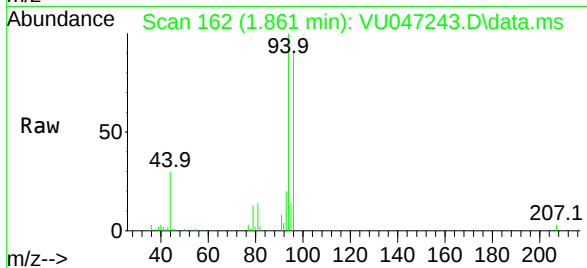
Tgt Ion: 62 Resp: 29453
Ion Ratio Lower Upper
62 100
64 32.1 26.0 39.0





#5
Bromomethane
Concen: 1.298 ug/l
RT: 1.861 min Scan# 10
Delta R.T. -0.003 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25

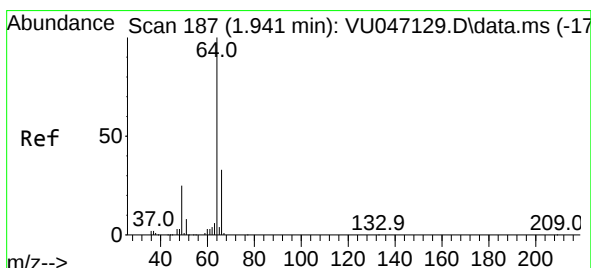
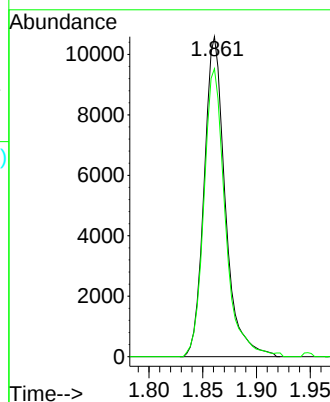
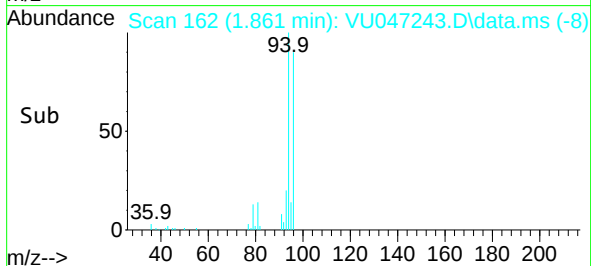
Instrument :
MSVOA_U
ClientSampleId :
VU0223WBS01



Tgt Ion: 94 Resp: 1443
Ion Ratio Lower Upper
94 100
96 90.0 75.0 112.4

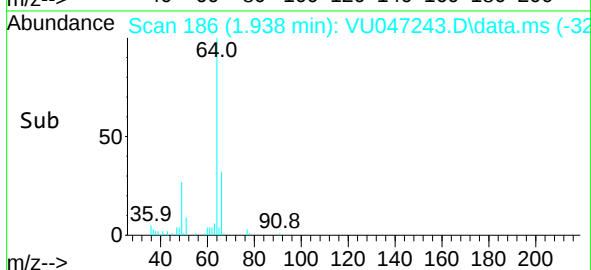
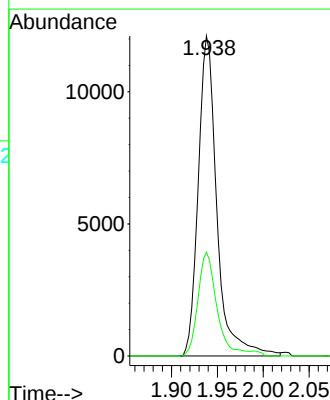
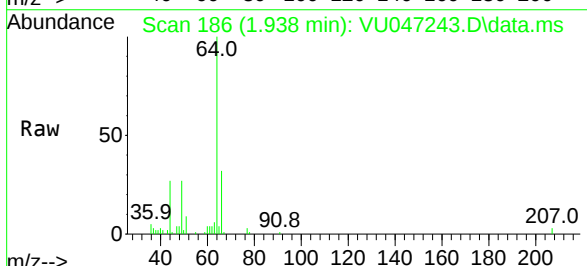
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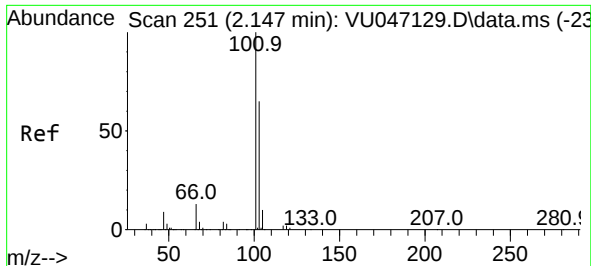
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#6
Chloroethane
Concen: 1.753 ug/l
RT: 1.938 min Scan# 186
Delta R.T. -0.003 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25

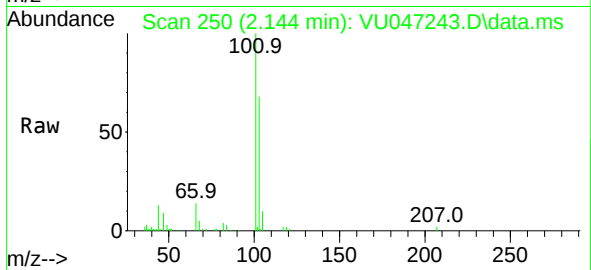
Tgt Ion: 64 Resp: 17138
Ion Ratio Lower Upper
64 100
66 32.4 25.8 38.8





#7
 Trichlorofluoromethane
 Concen: 1.889 ug/l
 RT: 2.144 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU047243.D
 Acq: 23 Feb 2022 11:25

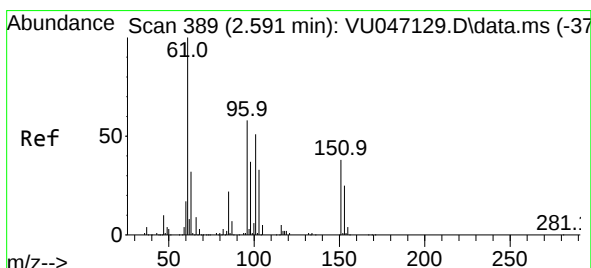
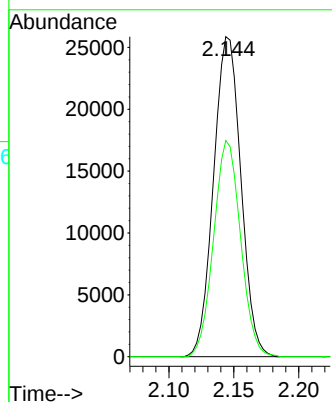
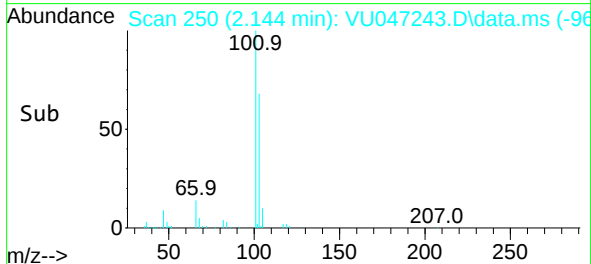
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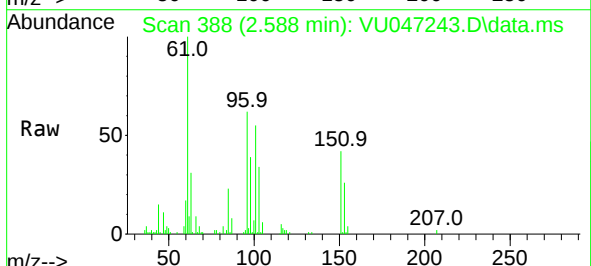
Tgt Ion:101 Resp: 3788
 Ion Ratio Lower Upper
 101 100
 103 67.5 52.2 78.2

Manual Integrations
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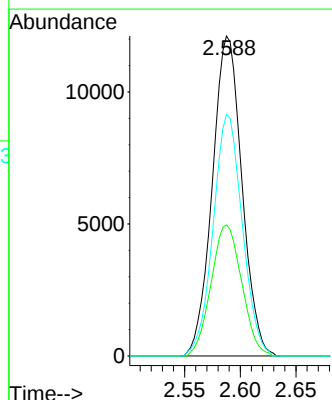
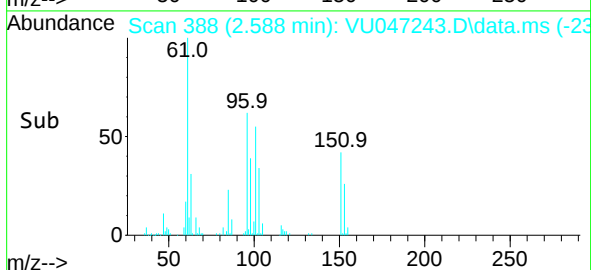
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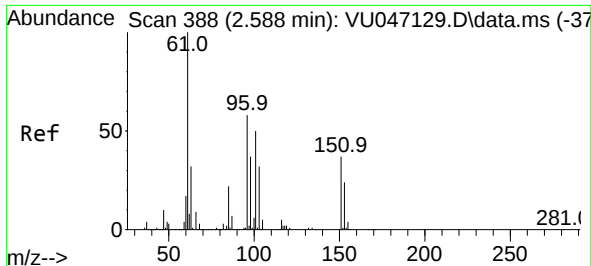


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.936 ug/l
 RT: 2.588 min Scan# 388
 Delta R.T. -0.003 min
 Lab File: VU047243.D
 Acq: 23 Feb 2022 11:25



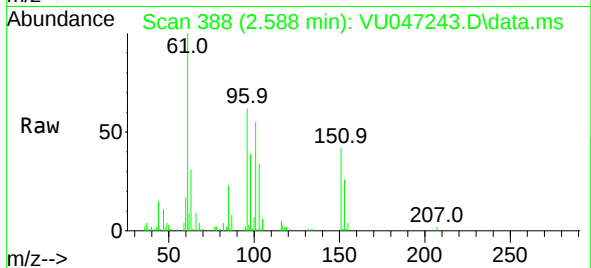
Tgt Ion:101 Resp: 22377
 Ion Ratio Lower Upper
 101 100
 85 42.4 35.8 53.6
 151 74.4 54.6 81.8





#9
1,1-Dichloroethene
Concen: 1.880 ug/l
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25

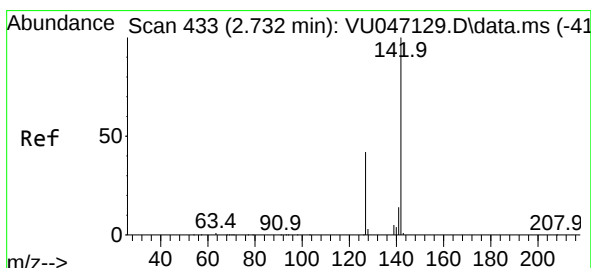
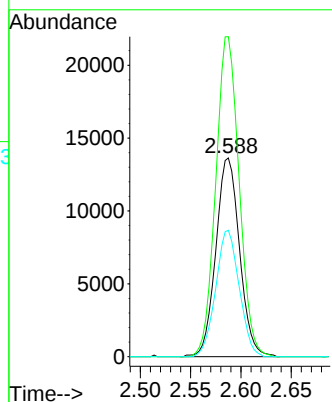
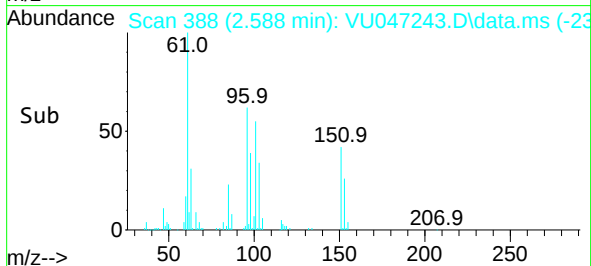
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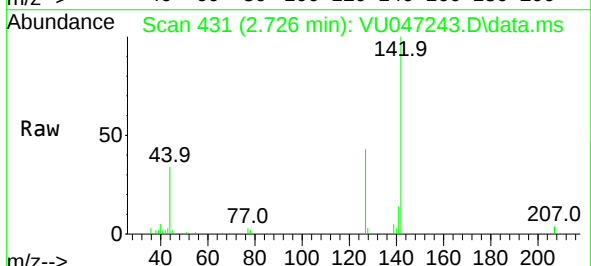
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Ion Ratio Lower Upper
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98 63.6 0.0 126.4

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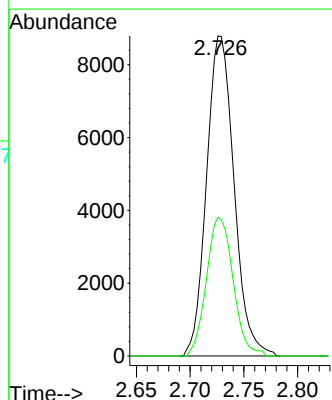
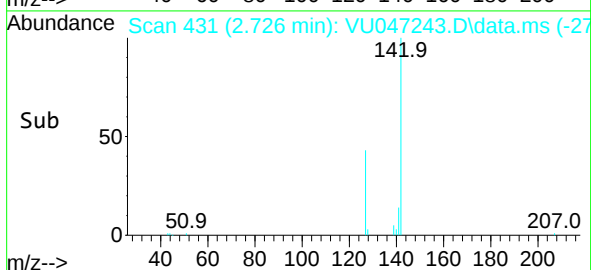
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

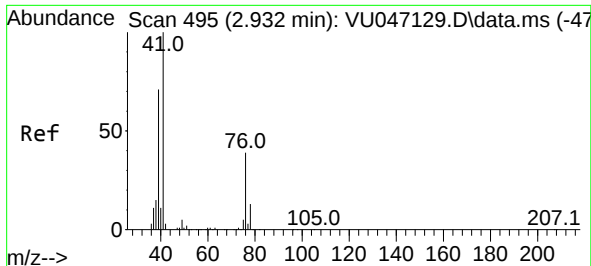


#10
Iodomethane
Concen: 1.906 ug/l
RT: 2.726 min Scan# 431
Delta R.T. -0.006 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25



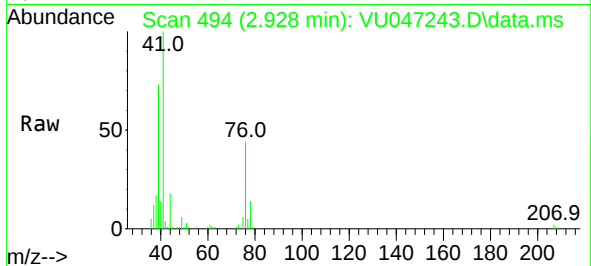
Tgt Ion:142 Resp: 15651
Ion Ratio Lower Upper
142 100
127 42.0 33.2 49.8





#11
 Allyl Chloride
 Concen: 1.697 ug/l
 RT: 2.928 min Scan# 495
 Delta R.T. -0.003 min
 Lab File: VU047243.D
 Acq: 23 Feb 2022 11:25

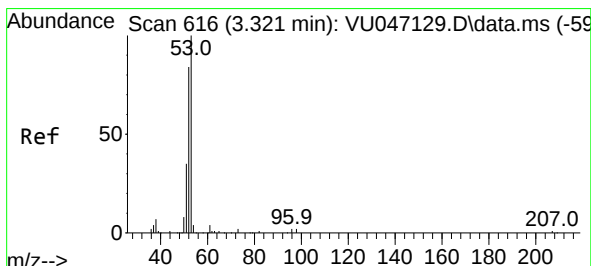
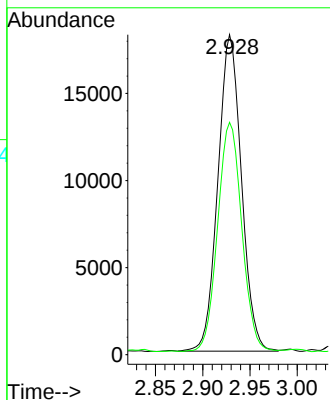
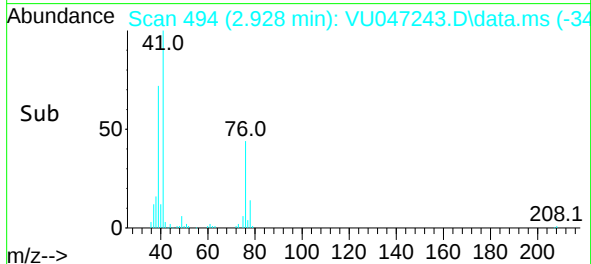
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0223WBS01



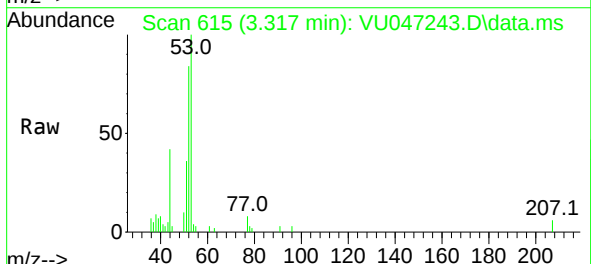
Tgt Ion: 41 Resp: 3146
 Ion Ratio Lower Upper
 41 100
 39 74.1 62.4 93.6

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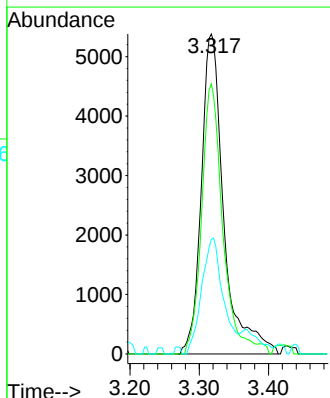
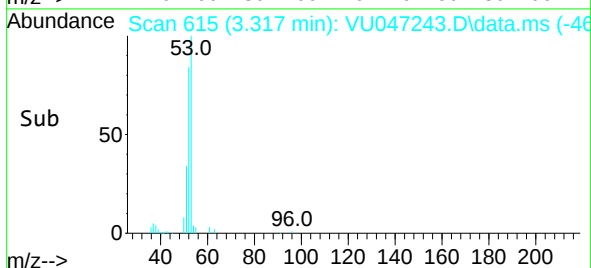
Reviewed By :John Carlone 02/24/2022
 Supervised By :Mahesh Dadoda 02/24/2022

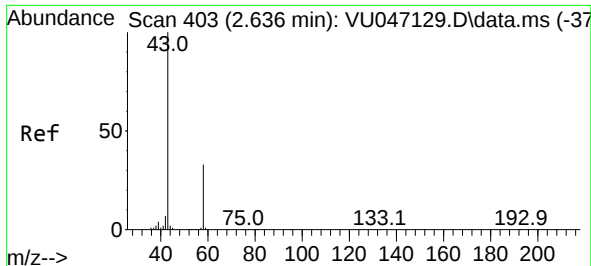


#12
 Acrylonitrile
 Concen: 3.474 ug/l
 RT: 3.317 min Scan# 615
 Delta R.T. -0.003 min
 Lab File: VU047243.D
 Acq: 23 Feb 2022 11:25



Tgt Ion: 53 Resp: 12132
 Ion Ratio Lower Upper
 53 100
 52 79.6 56.7 85.1
 51 34.7 30.3 45.5





#13

Acetone

Concen: 13.829 ug/l

RT: 2.626 min Scan# 403

Delta R.T. -0.010 min

Lab File: VU047243.D

Acq: 23 Feb 2022 11:25

Instrument :

MSVOA_U

ClientSampleId :

VU0223WBS01

Tgt Ion: 43 Resp: 22740

Ion Ratio Lower Upper

43 100

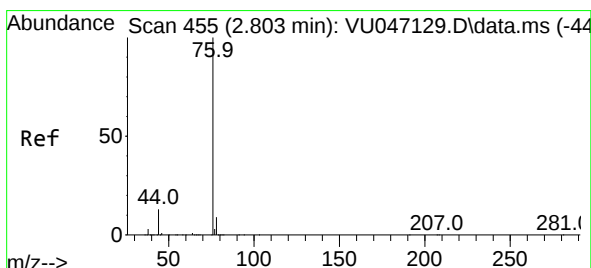
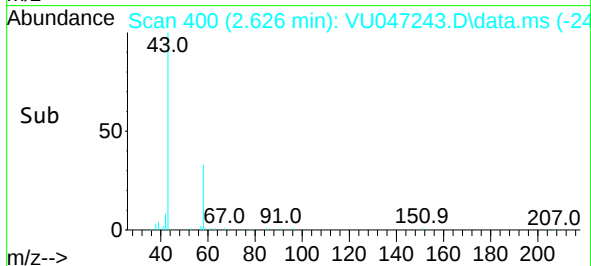
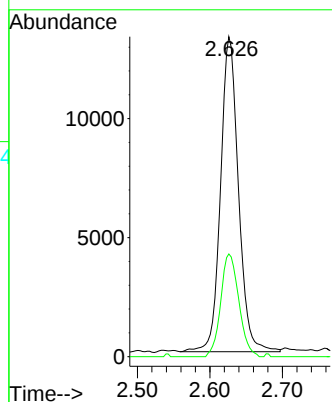
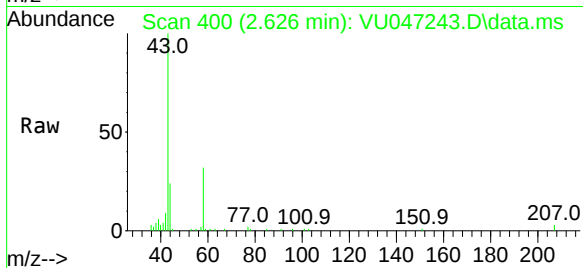
58 32.6 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#14

Carbon Disulfide

Concen: 1.766 ug/l

RT: 2.800 min Scan# 454

Delta R.T. -0.003 min

Lab File: VU047243.D

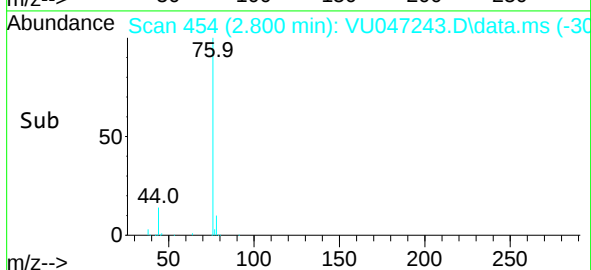
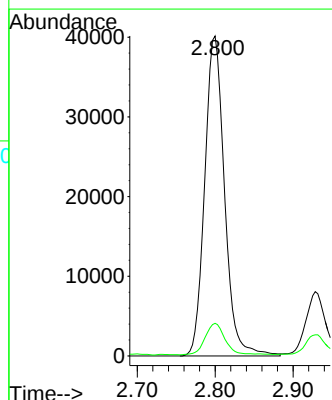
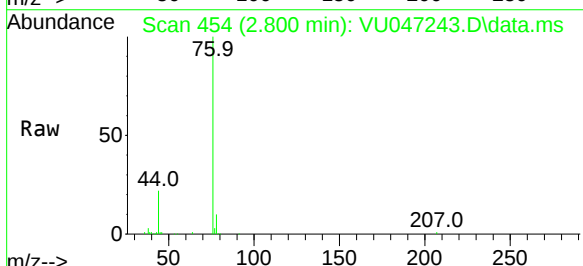
Acq: 23 Feb 2022 11:25

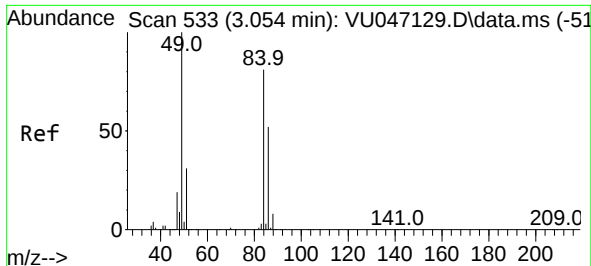
Tgt Ion: 76 Resp: 71071

Ion Ratio Lower Upper

76 100

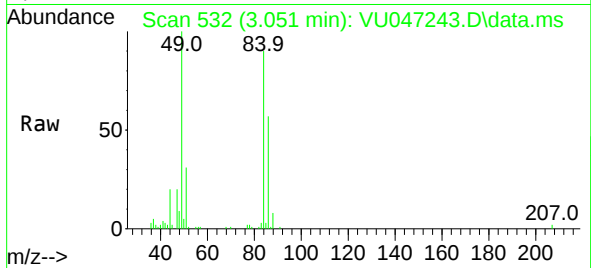
78 9.8 7.1 10.7





#15
Methylene Chloride
Concen: 1.934 ug/l
RT: 3.051 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25

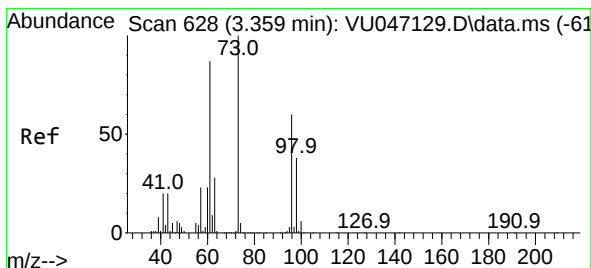
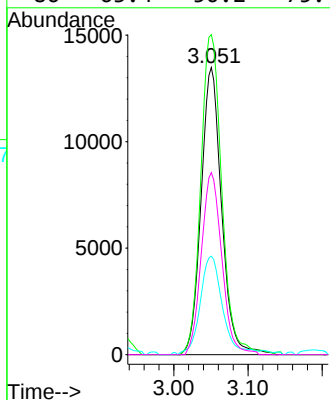
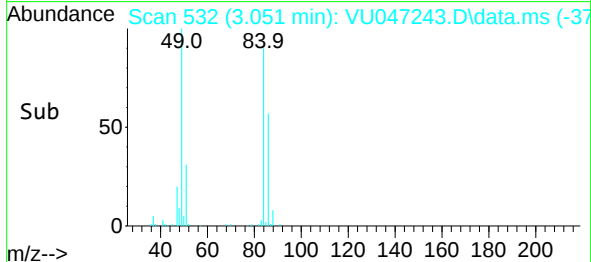
Instrument :
MSVOA_U
ClientSampleId :
VU0223WBS01



Tgt Ion: 84 Resp: 2584
Ion Ratio Lower Upper
84 100
49 111.4 97.2 145.8
51 34.3 0.0 73.4
86 63.4 50.2 75.4

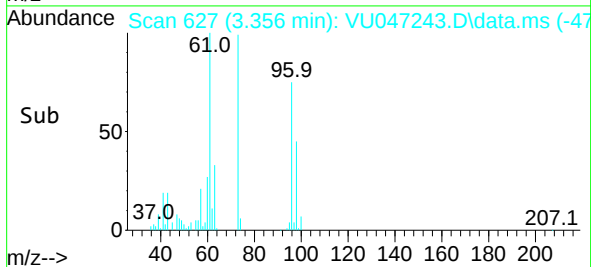
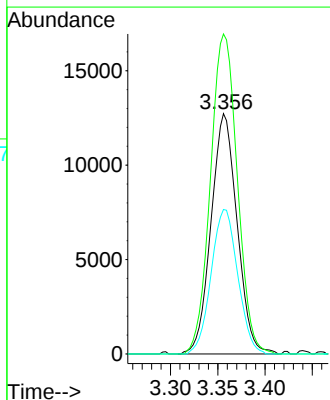
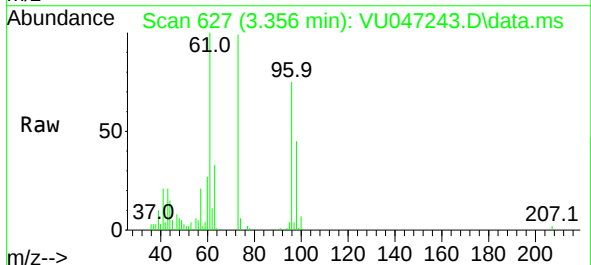
Manual Integrations
APPROVED

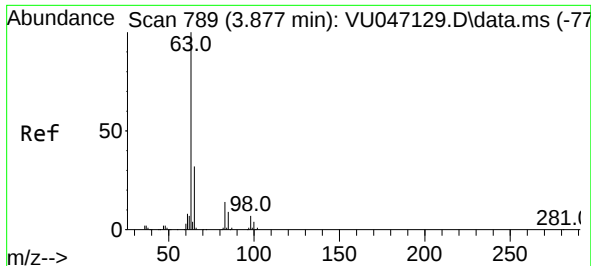
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#16
trans-1,2-Dichloroethene
Concen: 1.945 ug/l
RT: 3.356 min Scan# 627
Delta R.T. -0.003 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25

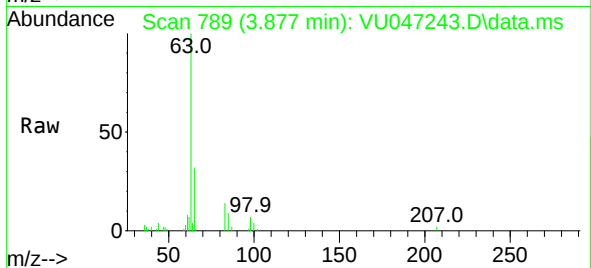
Tgt Ion: 96 Resp: 24419
Ion Ratio Lower Upper
96 100
61 133.2 115.8 173.6
98 60.1 51.1 76.7





#17
1,1-Dichloroethane
Concen: 1.756 ug/l
RT: 3.877 min Scan# 789
Delta R.T. -0.000 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25

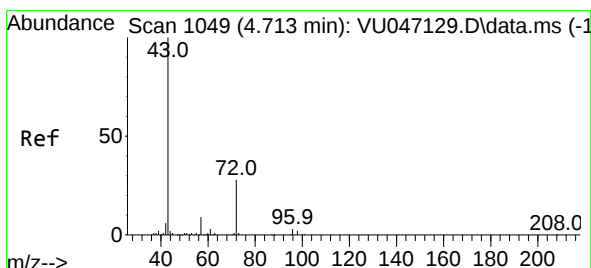
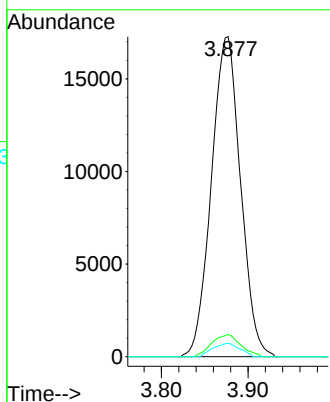
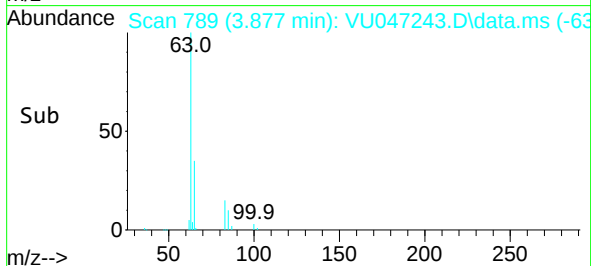
Instrument :
MSVOA_U
ClientSampleId :
VU0223WBS01



Tgt Ion: 63 Resp: 4040
Ion Ratio Lower Upper
63 100
98 6.9 3.6 10.8
100 4.2 2.1 6.5

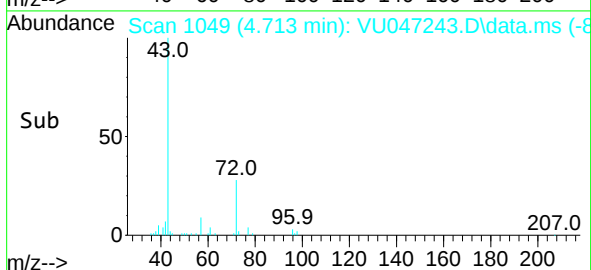
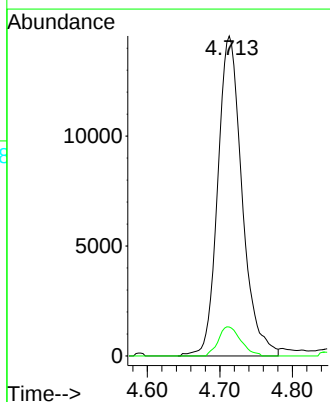
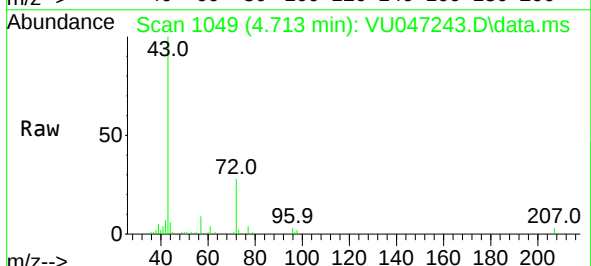
Manual Integrations
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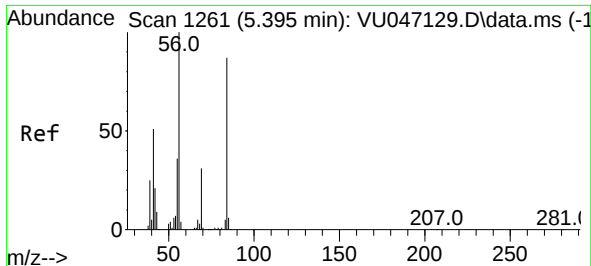
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#18
2-Butanone
Concen: 9.658 ug/l
RT: 4.713 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25

Tgt Ion: 43 Resp: 33979
Ion Ratio Lower Upper
43 100
57 9.1 0.0 16.6





#19

Cyclohexane

Concen: 1.664 ug/l m

RT: 5.391 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU047243.D

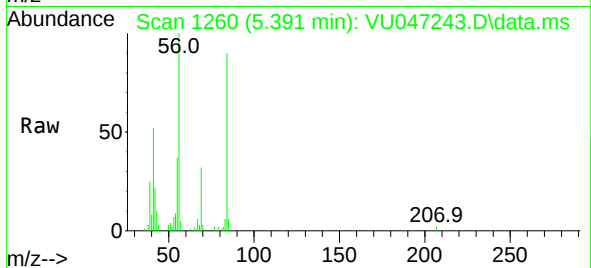
Acq: 23 Feb 2022 11:25

Instrument :

MSVOA_U

ClientSampleId :

VU0223WBS01



Tgt Ion: 56 Resp: 3546

Ion Ratio Lower Upper

56 100

69 32.9 24.7 37.1

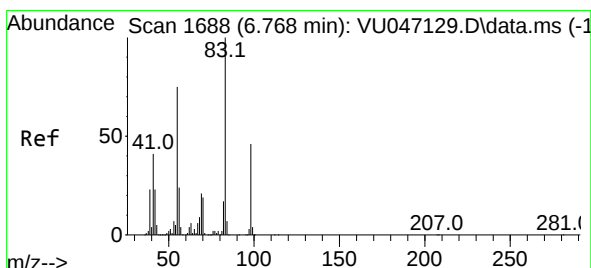
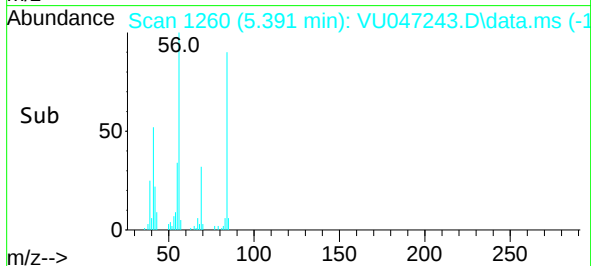
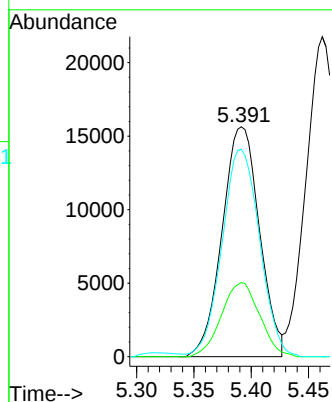
84 89.6 68.8 103.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#20

Methylcyclohexane

Concen: 1.689 ug/l

RT: 6.764 min Scan# 1687

Delta R.T. -0.003 min

Lab File: VU047243.D

Acq: 23 Feb 2022 11:25

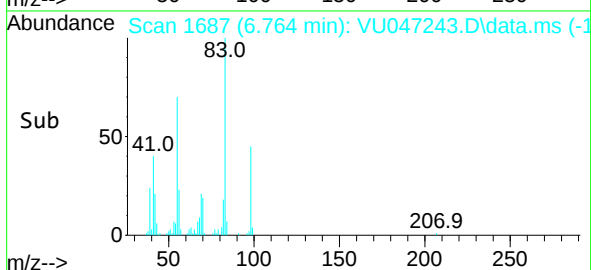
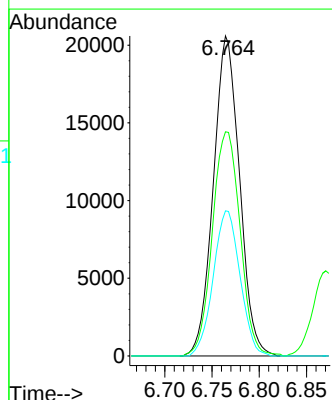
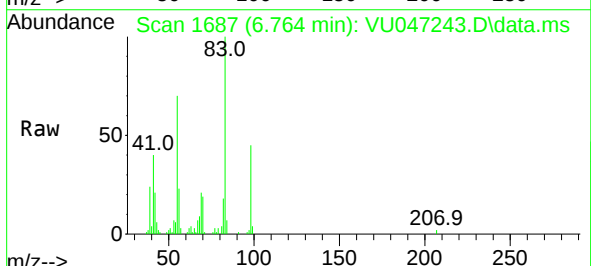
Tgt Ion: 83 Resp: 39679

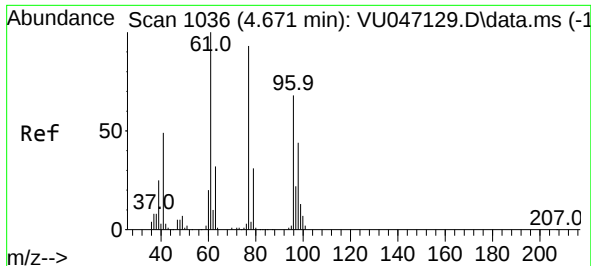
Ion Ratio Lower Upper

83 100

55 74.3 61.9 92.9

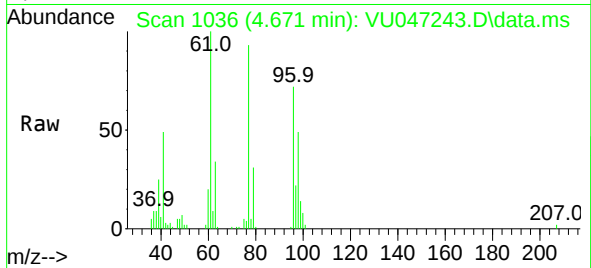
98 46.4 37.4 56.2





#21
2,2-Dichloropropane
Concen: 1.773 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25

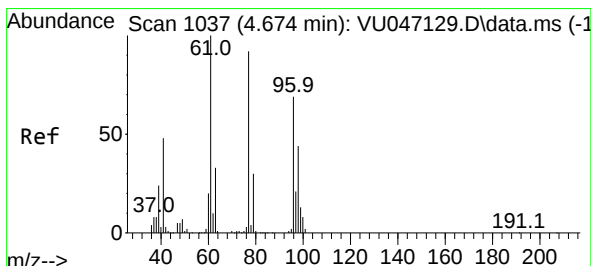
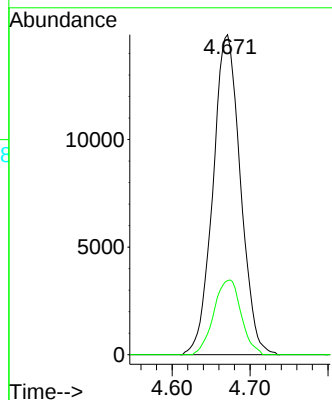
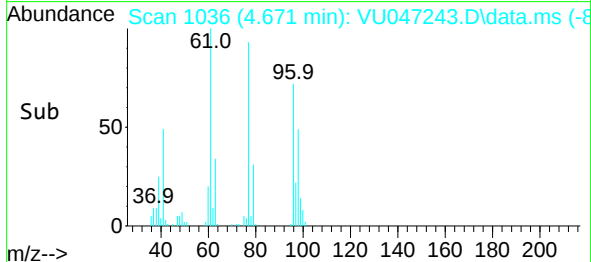
Instrument :
MSVOA_U
ClientSampleId :
VU0223WBS01



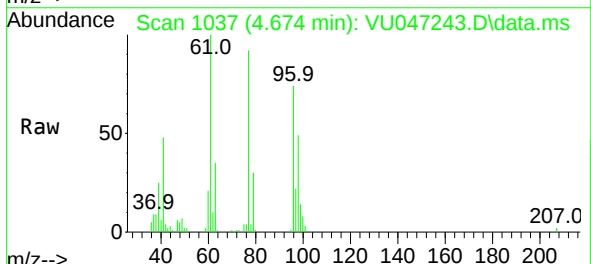
Tgt Ion: 77 Resp: 36448
Ion Ratio Lower Upper
77 100
97 23.2 17.2 25.8

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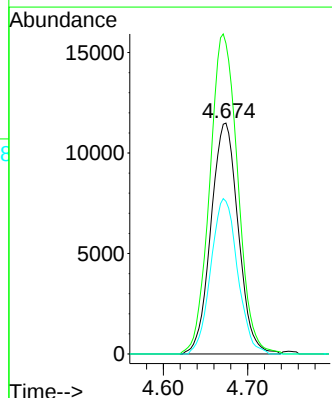
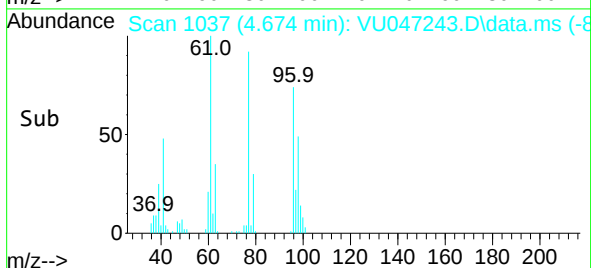
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

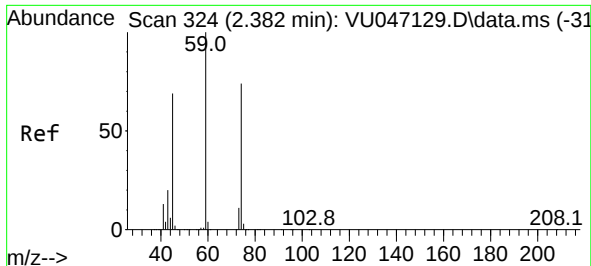


#22
cis-1,2-Dichloroethene
Concen: 1.792 ug/l
RT: 4.674 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25



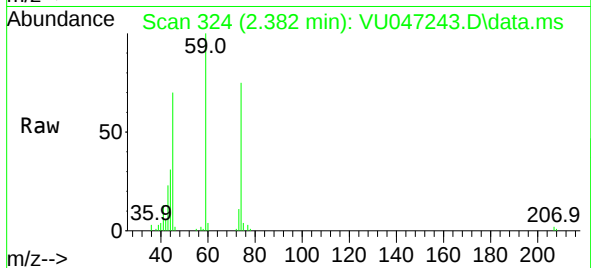
Tgt Ion: 96 Resp: 25876
Ion Ratio Lower Upper
96 100
61 141.7 0.0 385.3
98 65.9 32.1 96.3





#23
Diethyl Ether
Concen: 1.799 ug/l
RT: 2.382 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25

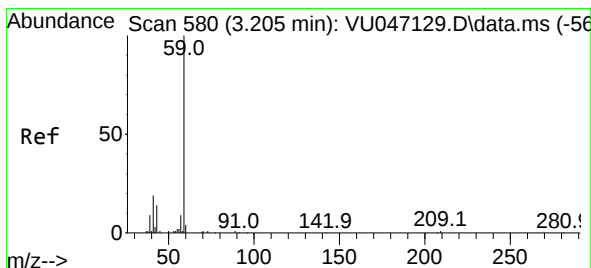
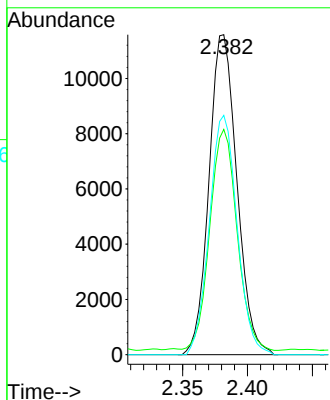
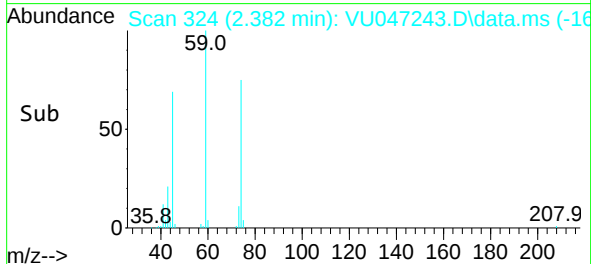
Instrument :
MSVOA_U
ClientSampleId :
VU0223WBS01



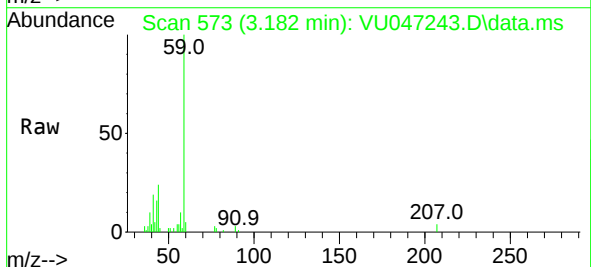
Tgt Ion: 59 Resp: 17300
Ion Ratio Lower Upper
59 100
45 67.4 55.6 83.4
74 74.3 58.1 87.1

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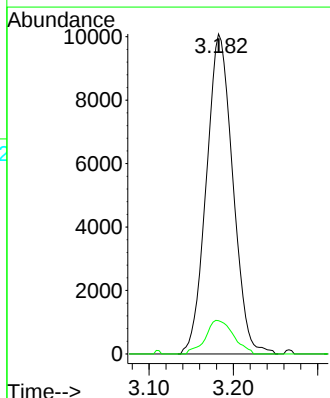
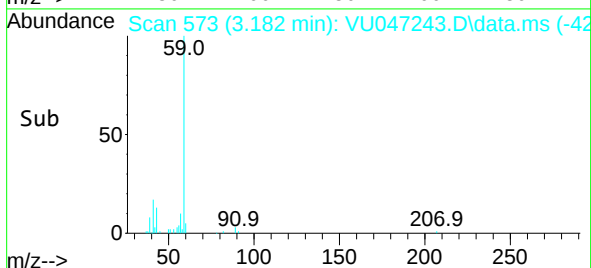
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

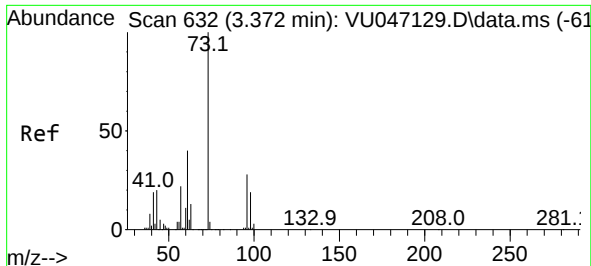


#24
tert-Butyl Alcohol
Concen: 35.173 ug/l
RT: 3.182 min Scan# 573
Delta R.T. -0.023 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25



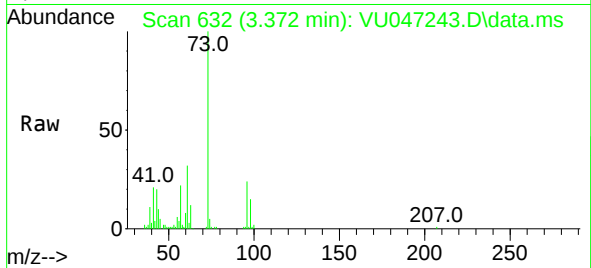
Tgt Ion: 59 Resp: 21998
Ion Ratio Lower Upper
59 100
57 11.1 6.5 9.7#





#25
Methyl tert-Butyl Ether
Concen: 1.796 ug/l
RT: 3.372 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25

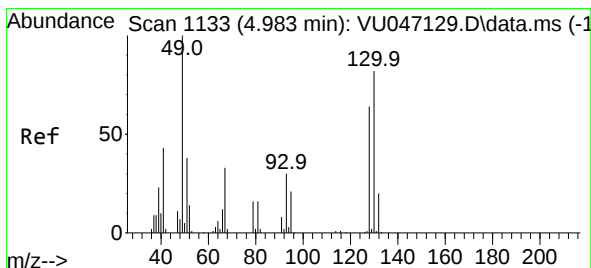
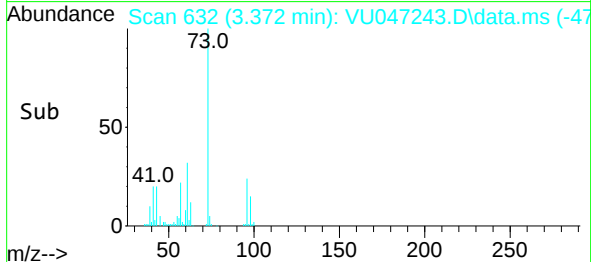
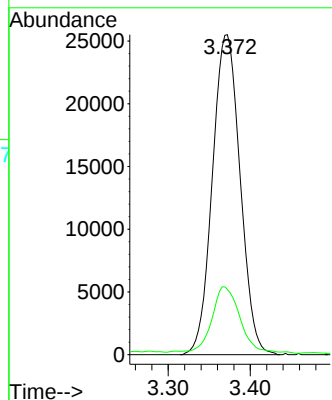
Instrument :
MSVOA_U
ClientSampleId :
VU0223WBS01



Tgt Ion: 73 Resp: 5991
Ion Ratio Lower Upper
73 100
43 20.0 16.3 24.5

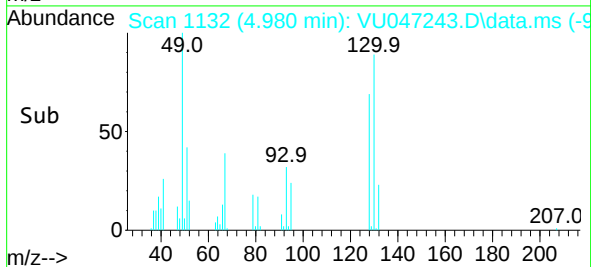
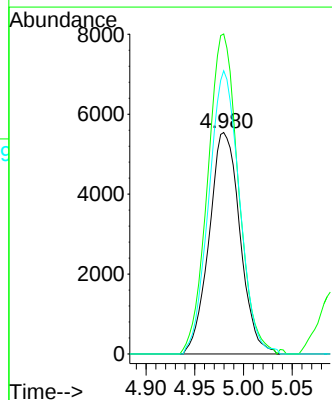
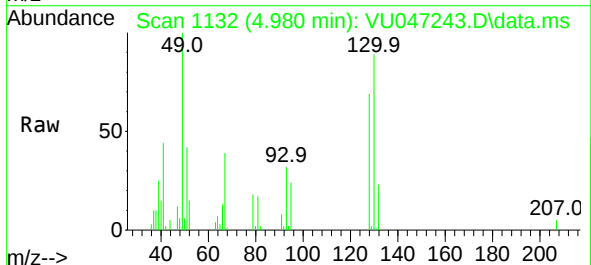
Manual Integrations
APPROVED

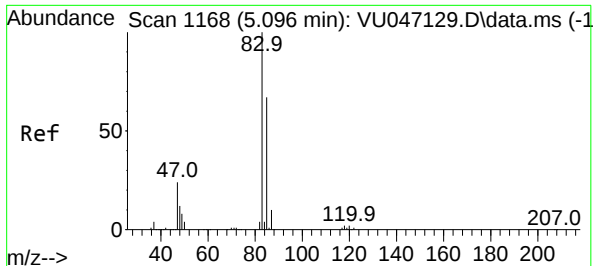
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#26
Bromochloromethane
Concen: 1.875 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. -0.003 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25

Tgt Ion:128 Resp: 12179
Ion Ratio Lower Upper
128 100
49 143.8 0.0 347.4
130 127.1 101.5 152.3





#27

Chloroform

Concen: 1.830 ug/l

RT: 5.092 min Scan# 1168

Delta R.T. -0.003 min

Lab File: VU047243.D

Acq: 23 Feb 2022 11:25

Instrument :

MSVOA_U

ClientSampleId :

VU0223WBS01

Tgt Ion: 83 Resp: 4272

Ion Ratio Lower Upper

83 100

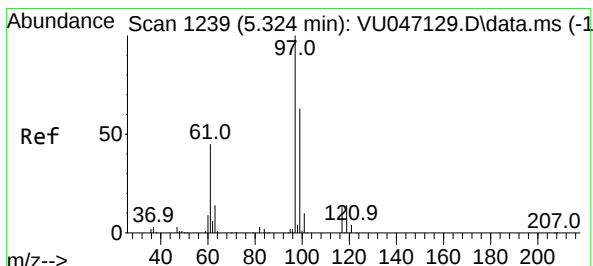
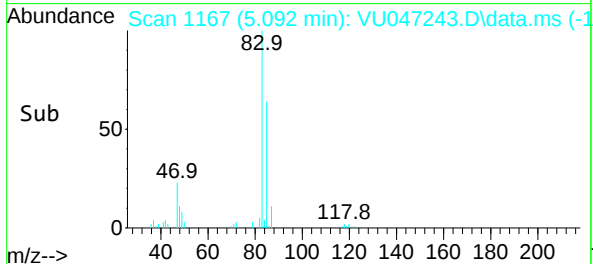
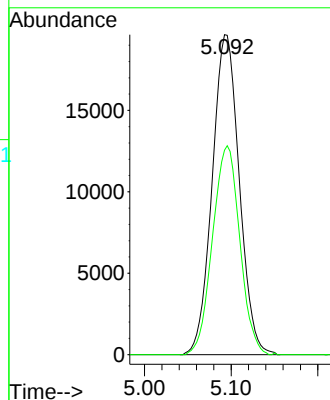
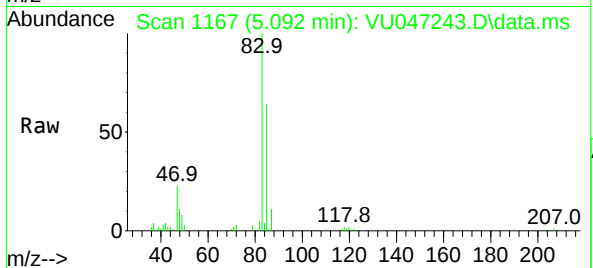
85 63.9 0.0 129.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#28

1,1,1-Trichloroethane

Concen: 1.823 ug/l

RT: 5.321 min Scan# 1238

Delta R.T. -0.003 min

Lab File: VU047243.D

Acq: 23 Feb 2022 11:25

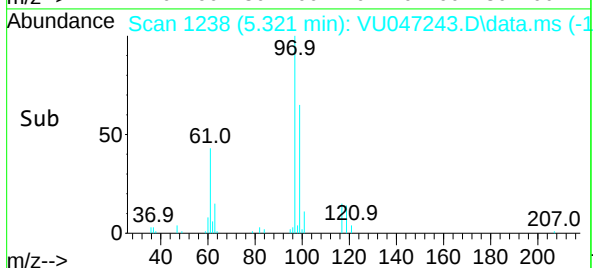
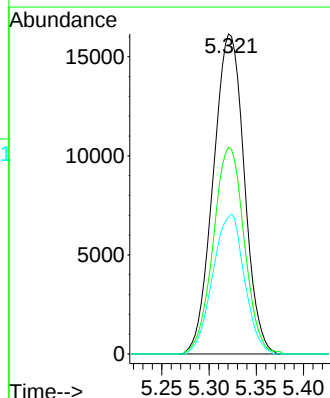
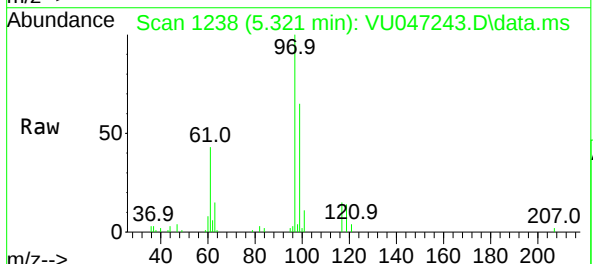
Tgt Ion: 97 Resp: 36848

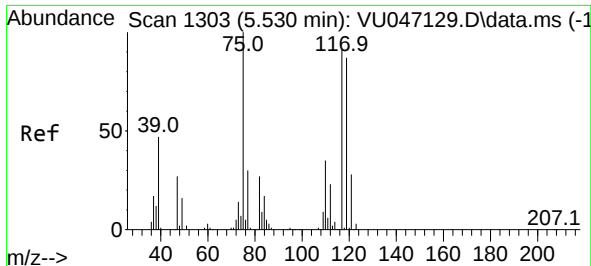
Ion Ratio Lower Upper

97 100

99 64.6 32.2 96.6

61 44.3 24.5 73.5





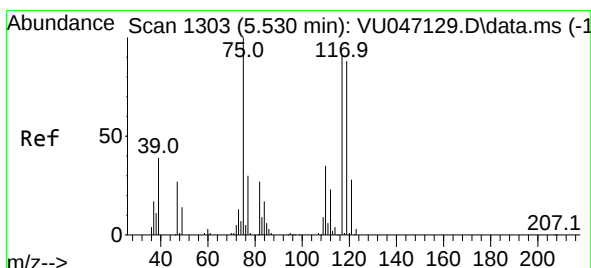
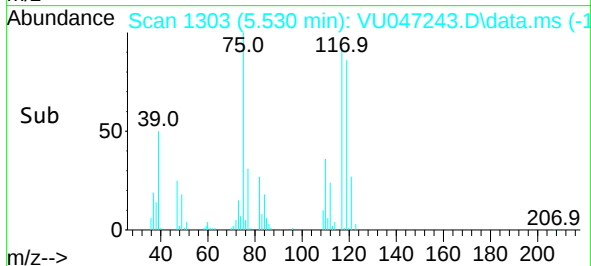
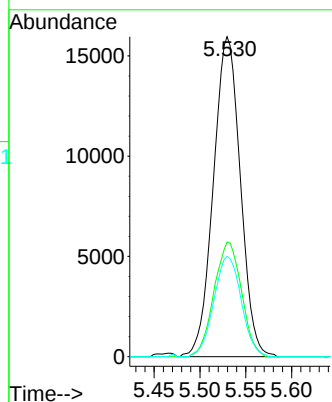
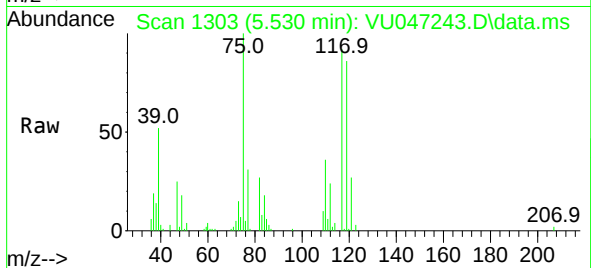
#29
1,1-Dichloropropene
Concen: 1.762 ug/l
RT: 5.530 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25

Instrument :
MSVOA_U
ClientSampleId :
VU0223WBS01

Tgt Ion: 75 Resp: 32604
Ion Ratio Lower Upper
75 100
110 36.4 16.8 50.3
77 31.9 24.7 37.1

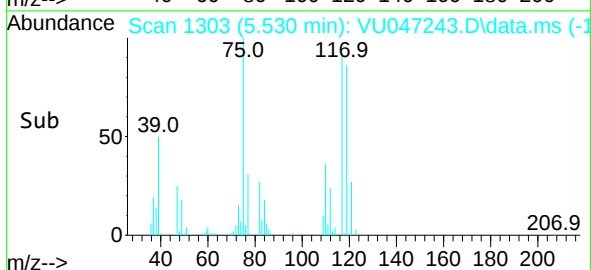
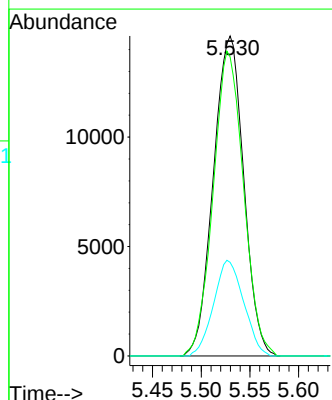
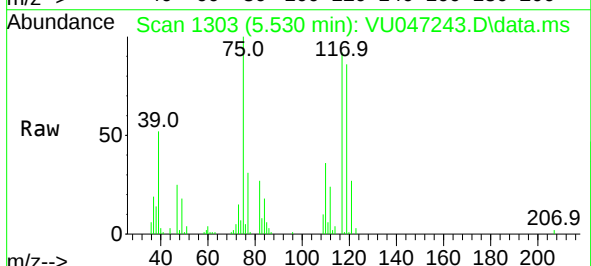
Manual Integrations
APPROVED

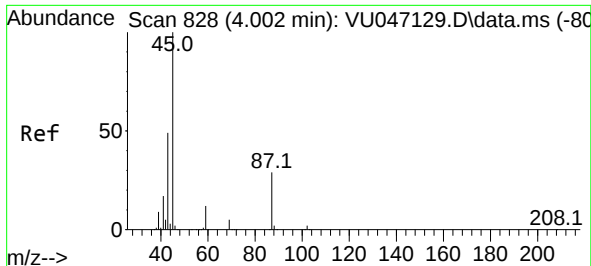
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#30
Carbon Tetrachloride
Concen: 1.782 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25

Tgt Ion:117 Resp: 31674
Ion Ratio Lower Upper
117 100
119 93.4 76.8 115.2
121 29.2 24.6 37.0





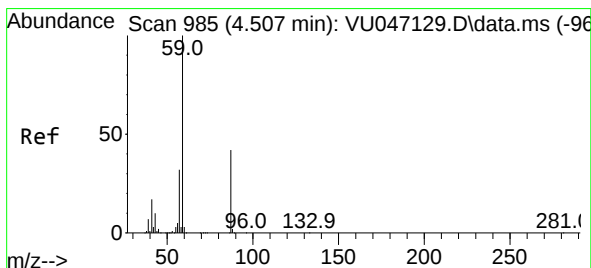
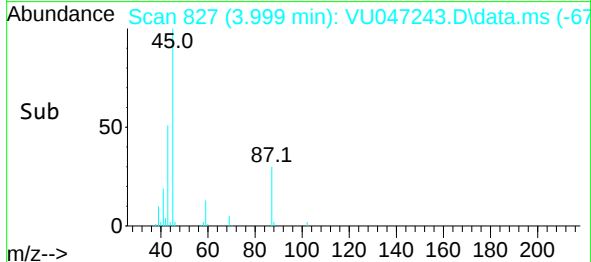
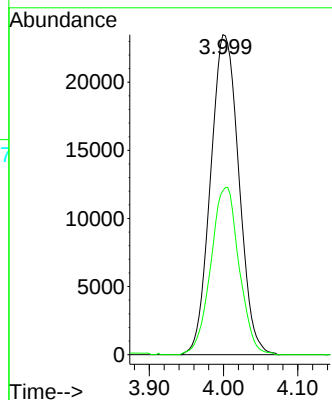
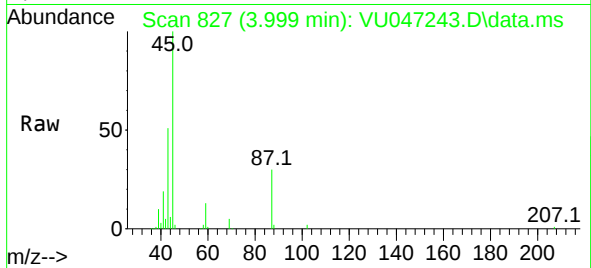
#31
Isopropyl Ether
Concen: 1.691 ug/l
RT: 3.999 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25

Instrument :
MSVOA_U
ClientSampleId :
VU0223WBS01

Tgt Ion: 45 Resp: 62219
Ion Ratio Lower Upper
45 100
43 52.3 25.3 75.8

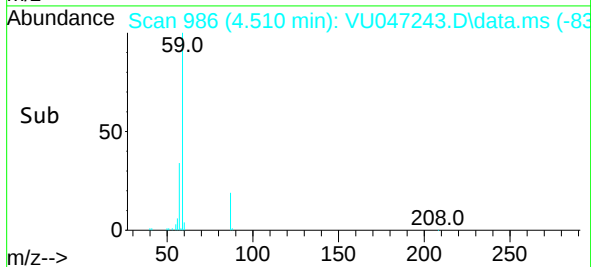
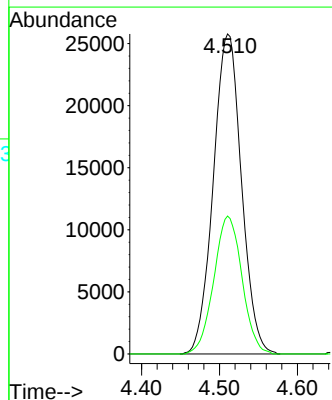
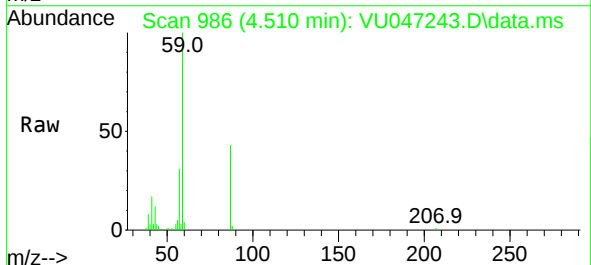
Manual Integrations
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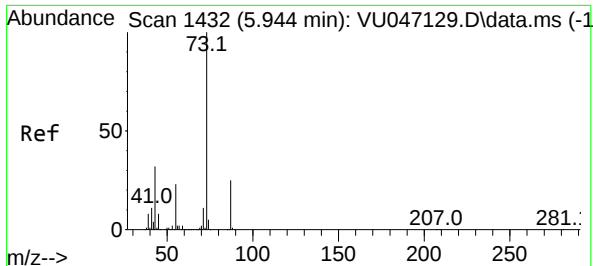
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#32
Ethyl-t-butyl ether
Concen: 1.729 ug/l
RT: 4.510 min Scan# 986
Delta R.T. 0.003 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25

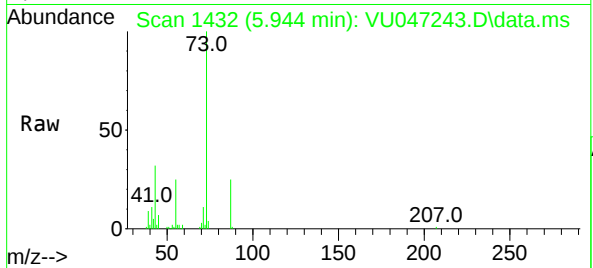
Tgt Ion: 59 Resp: 64665
Ion Ratio Lower Upper
59 100
87 43.2 32.7 49.1





#33
Tert-Amyl methyl ether
Concen: 1.711 ug/l
RT: 5.944 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25

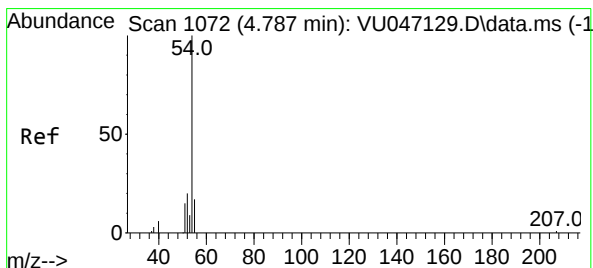
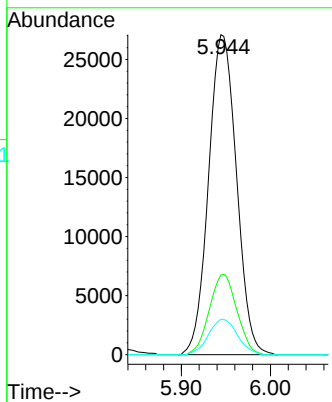
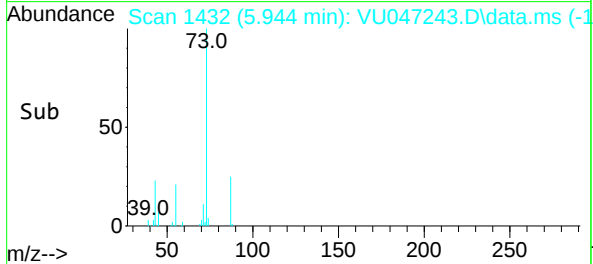
Instrument :
MSVOA_U
ClientSampleId :
VU0223WBS01



Tgt Ion: 73 Resp: 58944
Ion Ratio Lower Upper
73 100
87 24.8 18.6 28.0
71 11.5 9.0 13.6

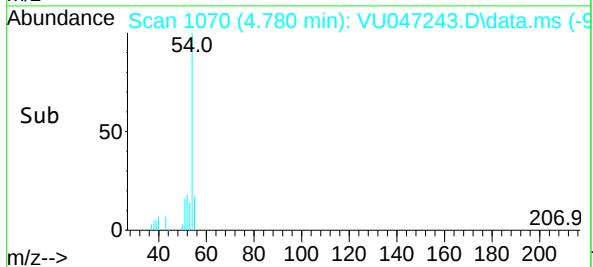
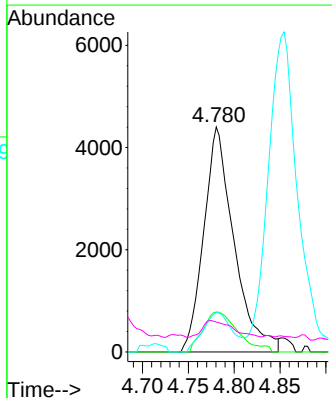
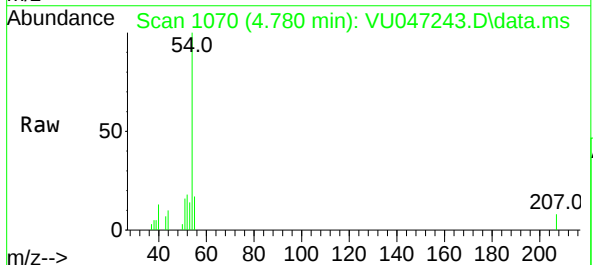
Manual Integrations
APPROVED

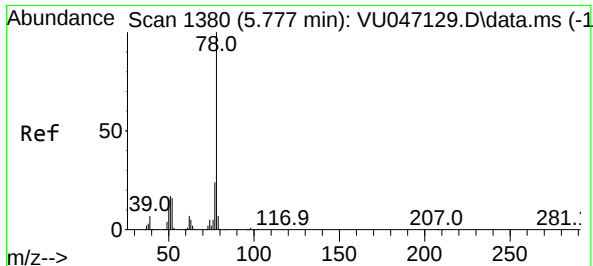
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#34
Propionitrile
Concen: 11.892 ug/l
RT: 4.780 min Scan# 1070
Delta R.T. -0.007 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25

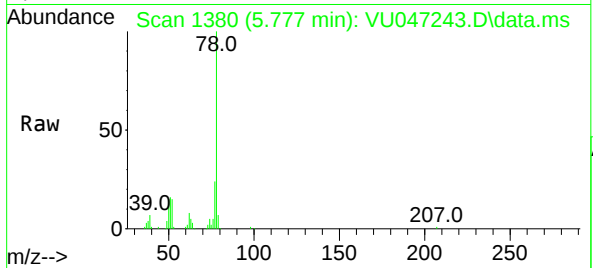
Tgt Ion: 54 Resp: 10079
Ion Ratio Lower Upper
54 100
52 20.4 11.9 17.9#
55 16.8 8.0 12.0#
40 7.3 3.0 4.4#





#35
Benzene
Concen: 1.806 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25

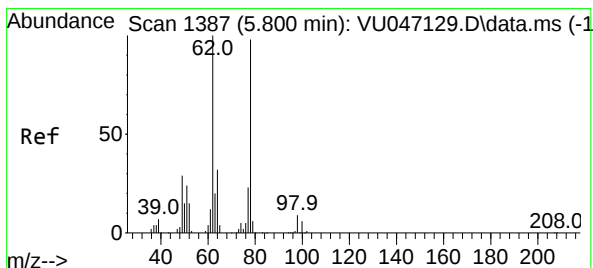
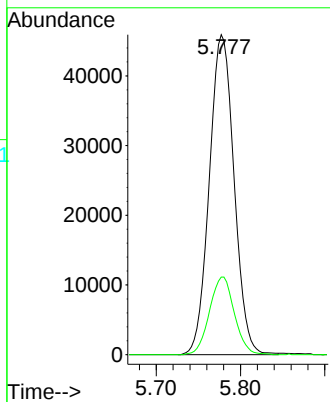
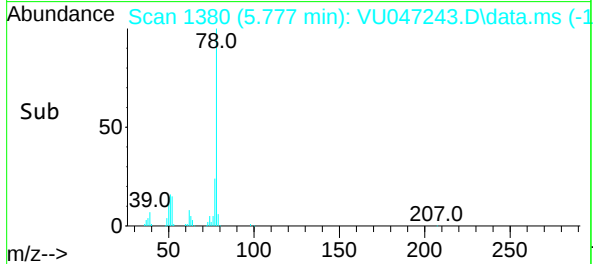
Instrument :
MSVOA_U
ClientSampleId :
VU0223WBS01



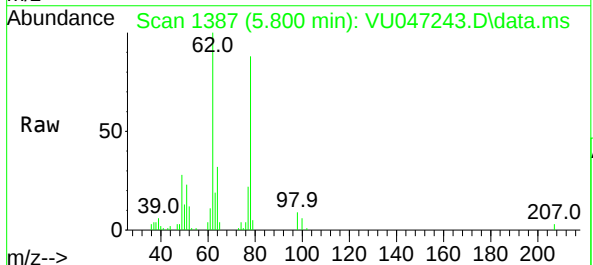
Tgt Ion: 78 Resp: 93640
Ion Ratio Lower Upper
78 100
77 24.3 19.1 28.7

Manual Integrations
APPROVED

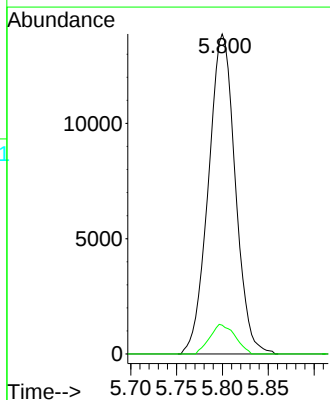
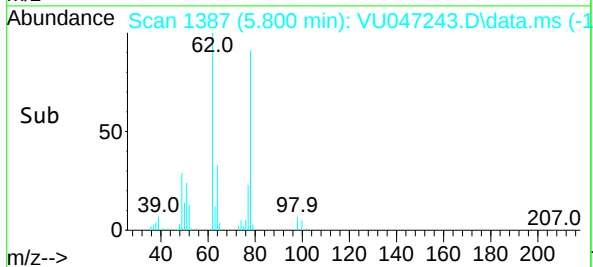
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

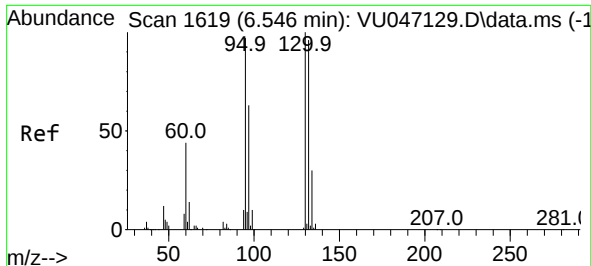


#36
1,2-Dichloroethane
Concen: 1.803 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25



Tgt Ion: 62 Resp: 28308
Ion Ratio Lower Upper
62 100
98 8.7 7.3 10.9





#37

Trichloroethene

Concen: 1.853 ug/l

RT: 6.546 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VU047243.D

Acq: 23 Feb 2022 11:25

Instrument :

MSVOA_U

ClientSampleId :

VU0223WBS01

Tgt Ion:130 Resp: 2660

Ion Ratio Lower Upper

130 100

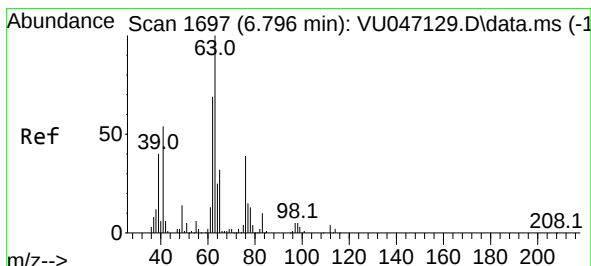
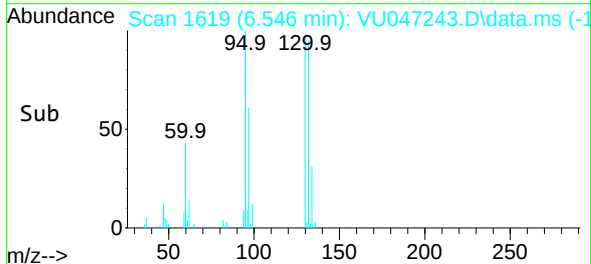
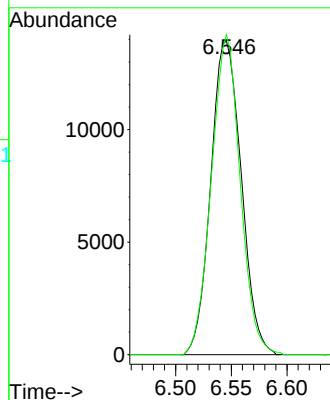
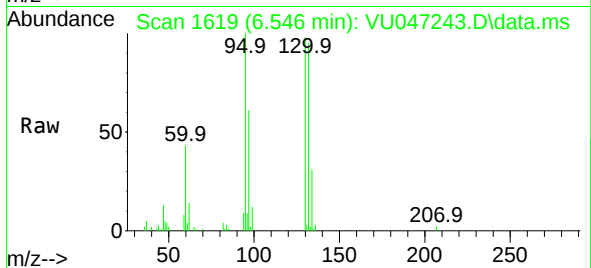
95 102.1 83.8 125.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#38

1,2-Dichloropropane

Concen: 1.788 ug/l

RT: 6.796 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VU047243.D

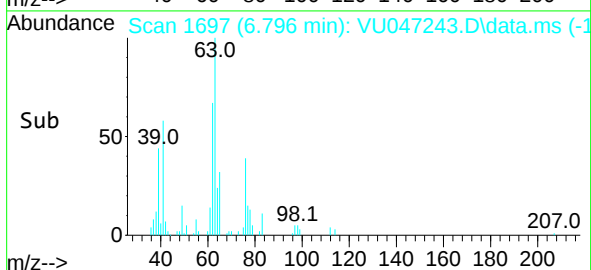
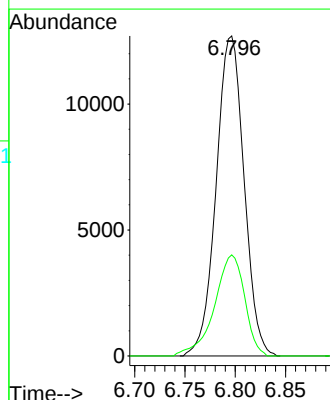
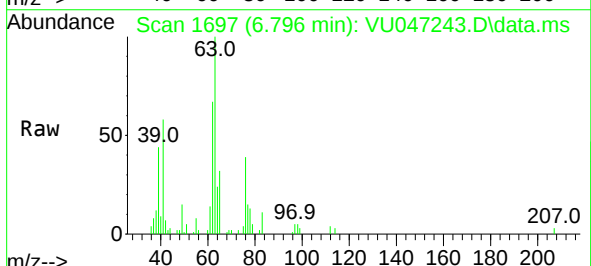
Acq: 23 Feb 2022 11:25

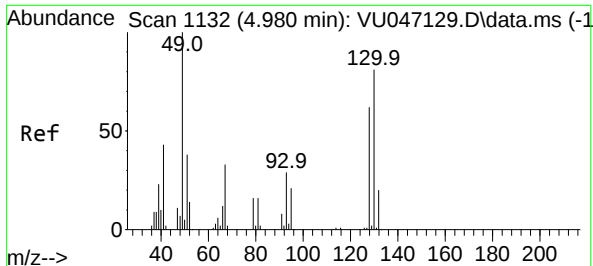
Tgt Ion: 63 Resp: 24530

Ion Ratio Lower Upper

63 100

65 31.6 24.7 37.1





#39

Methacrylonitrile

Concen: 1.761 ug/l

RT: 4.983 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VU047243.D

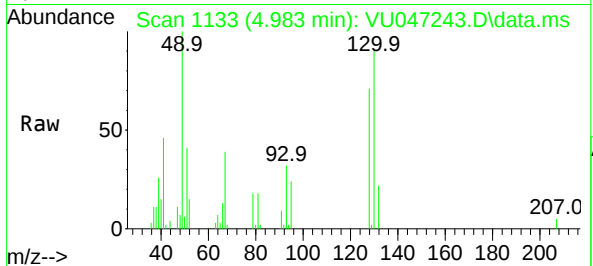
Acq: 23 Feb 2022 11:25

Instrument :

MSVOA_U

ClientSampleId :

VU0223WBS01



Tgt Ion: 41 Resp: 832

Ion Ratio Lower Upper

41 100

67 81.2 65.2 97.8

39 55.1 43.0 64.6

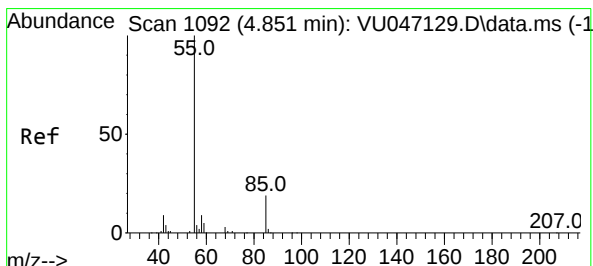
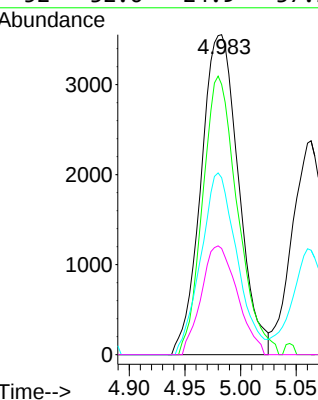
52 32.6 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#40

Methyl acrylate

Concen: 1.711 ug/l

RT: 4.854 min Scan# 1093

Delta R.T. 0.003 min

Lab File: VU047243.D

Acq: 23 Feb 2022 11:25

Tgt Ion: 55 Resp: 13675

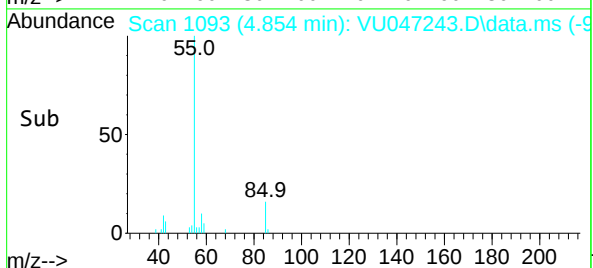
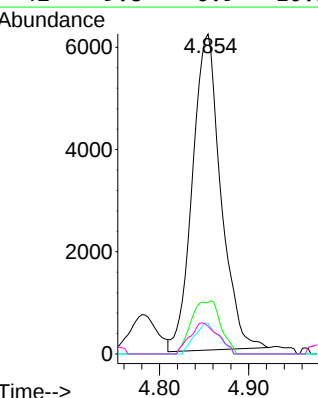
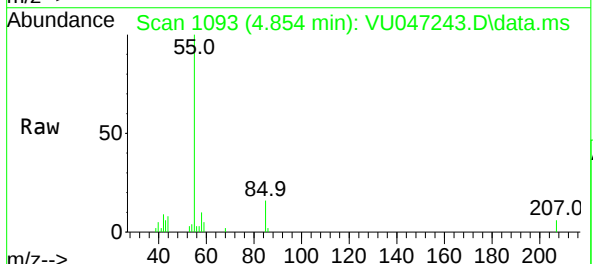
Ion Ratio Lower Upper

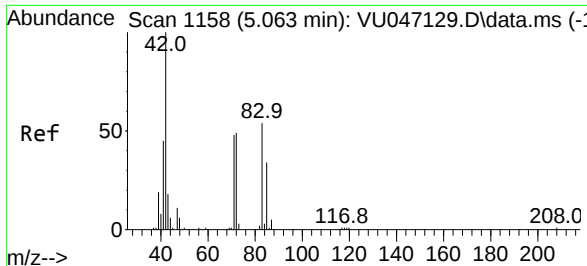
55 100

85 17.5 12.2 18.2

58 8.3 6.7 10.1

42 9.8 6.9 10.3





#41

Tetrahydrofuran

Concen: 3.691 ug/l

RT: 5.067 min Scan# 1158

Delta R.T. 0.003 min

Lab File: VU047243.D

Acq: 23 Feb 2022 11:25

Instrument :

MSVOA_U

ClientSampleId :

VU0223WBS01

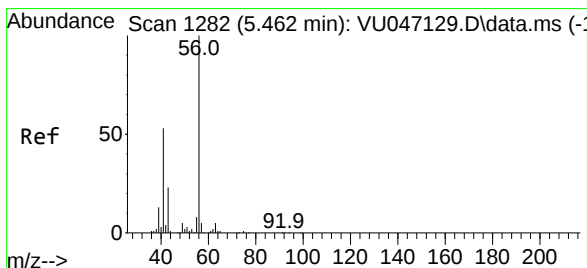
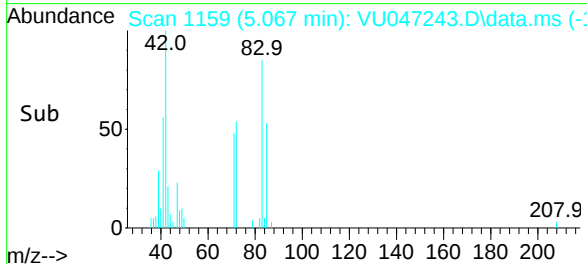
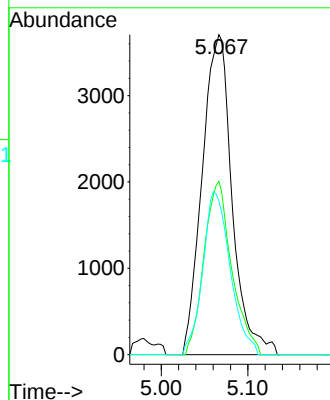
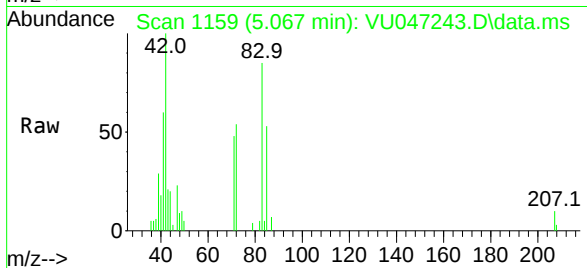
Tgt Ion: 42	Resp: 889
Ion Ratio	Lower Upper
42 100	
72 50.4	42.4 63.6
71 46.6	36.4 54.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#42

1-Chlorobutane

Concen: 1.752 ug/l

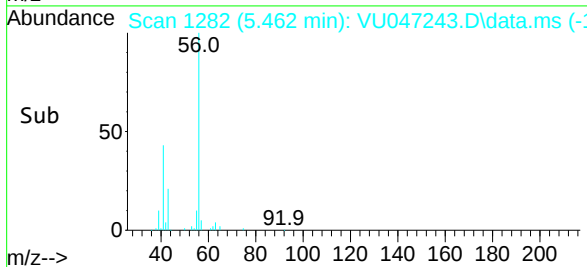
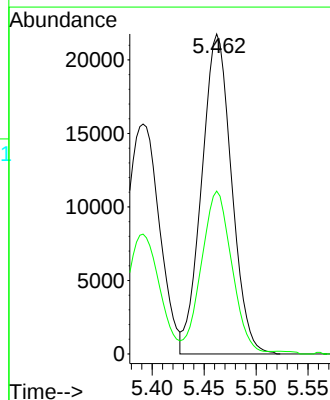
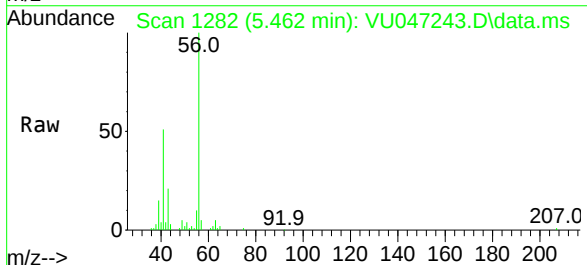
RT: 5.462 min Scan# 1282

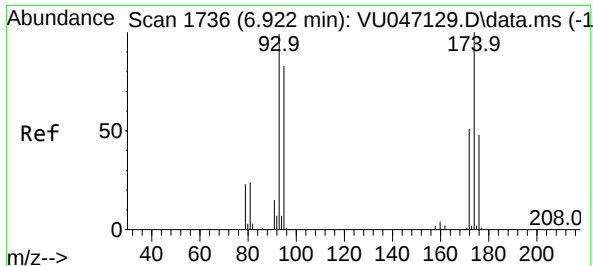
Delta R.T. -0.000 min

Lab File: VU047243.D

Acq: 23 Feb 2022 11:25

Tgt Ion: 56	Resp: 43526
Ion Ratio	Lower Upper
56 100	
41 50.6	26.0 78.0





#43

Dibromomethane

Concen: 1.772 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. -0.000 min

Lab File: VU047243.D

Acq: 23 Feb 2022 11:25

Instrument :

MSVOA_U

ClientSampleId :

VU0223WBS01

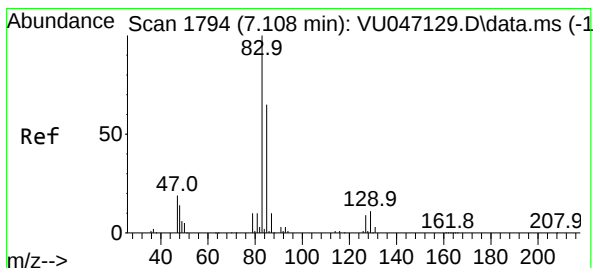
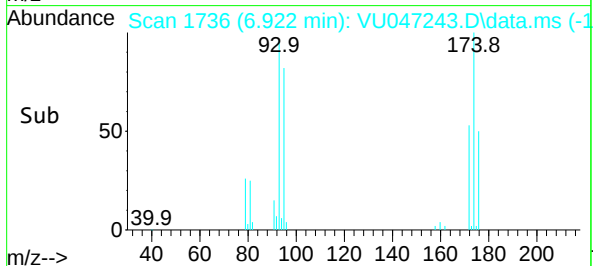
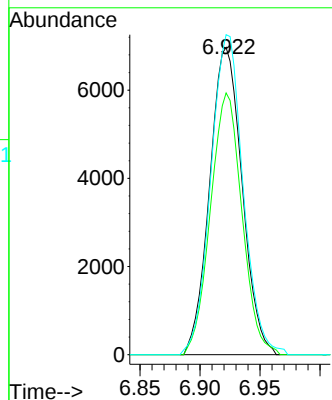
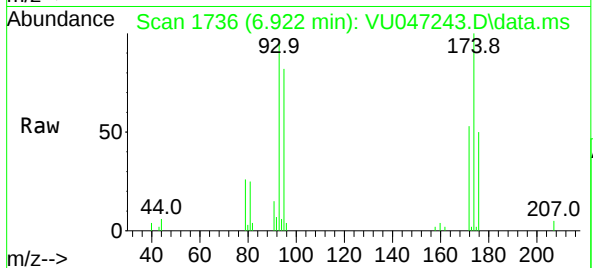
Tgt Ion:	93	Resp:	1311
Ion Ratio	Lower	Upper	
93	100		
95	82.5	66.2	99.2
174	103.5	70.7	106.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#44

Bromodichloromethane

Concen: 1.766 ug/l

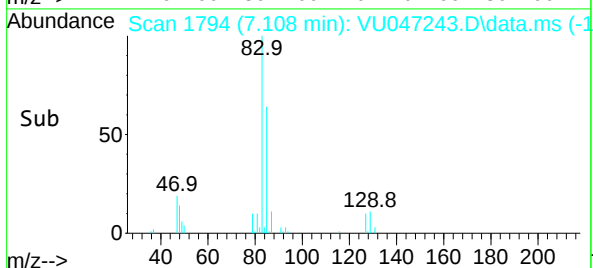
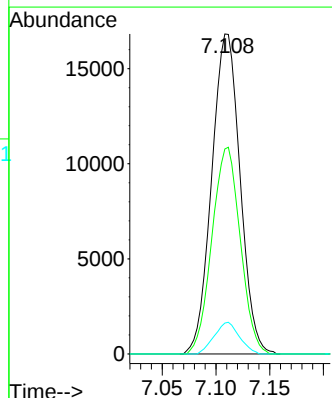
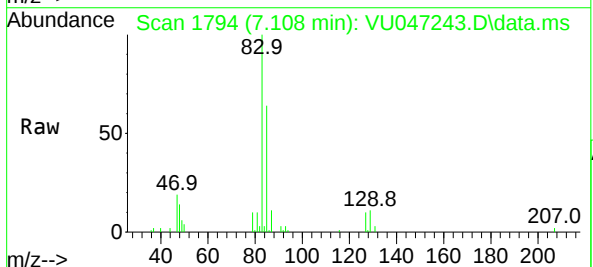
RT: 7.108 min Scan# 1794

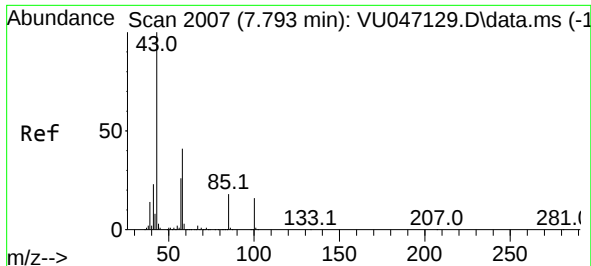
Delta R.T. -0.000 min

Lab File: VU047243.D

Acq: 23 Feb 2022 11:25

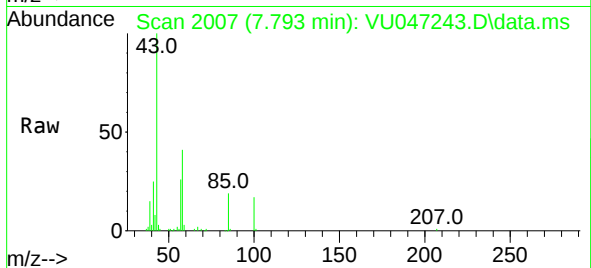
Tgt Ion:	83	Resp:	30903
Ion Ratio	Lower	Upper	
83	100		
85	64.0	50.9	76.3
127	9.7	6.0	9.0#





#45
4-Methyl-2-Pentanone
Concen: 7.704 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. -0.000 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25

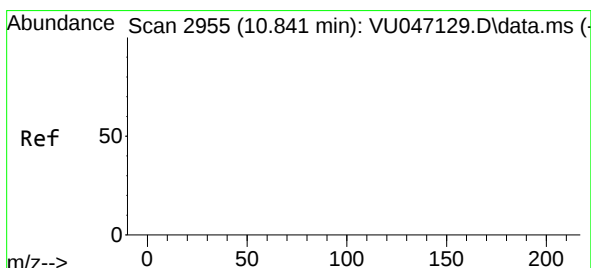
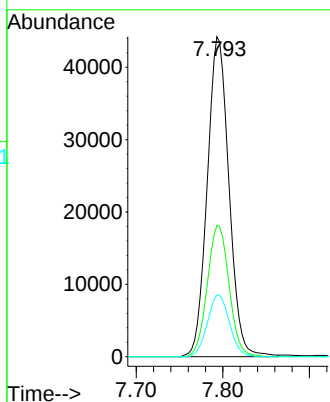
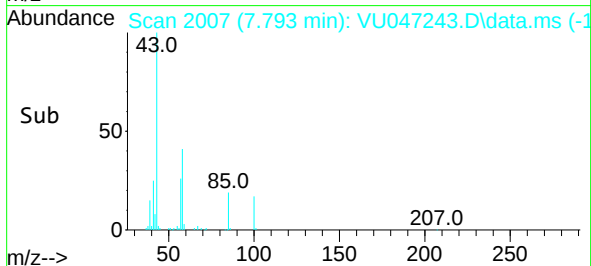
Instrument :
MSVOA_U
ClientSampleId :
VU0223WBS01



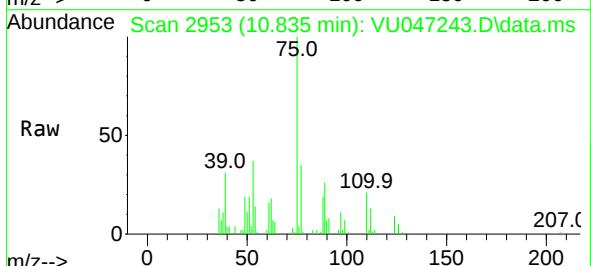
Tgt Ion: 43 Resp: 77104
Ion Ratio Lower Upper
43 100
58 41.1 21.0 63.0
85 19.5 14.8 22.2

Manual Integrations
APPROVED

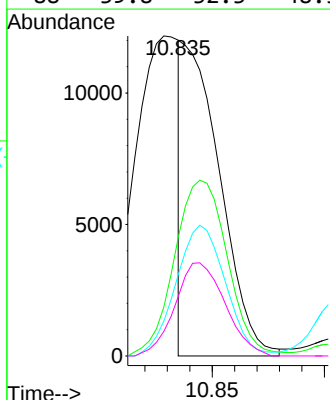
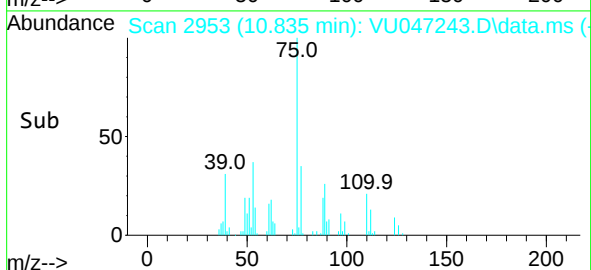
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

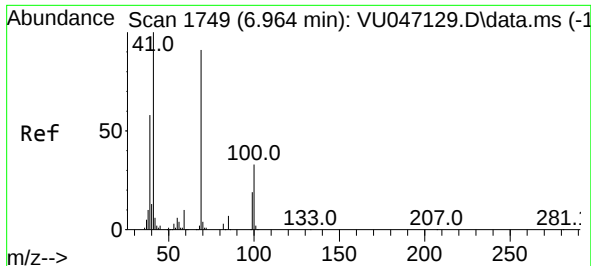


#46
t-1,4-Dichloro-2-butene
Concen: 3.172 ug/l m
RT: 10.835 min Scan# 2953
Delta R.T. -0.007 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25



Tgt Ion: 75 Resp: 13819
Ion Ratio Lower Upper
75 100
53 79.4 66.8 100.2
89 55.2 41.7 62.5
88 39.8 32.3 48.5





#47

Methyl methacrylate

Concen: 3.317 ug/l

RT: 6.964 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VU047243.D

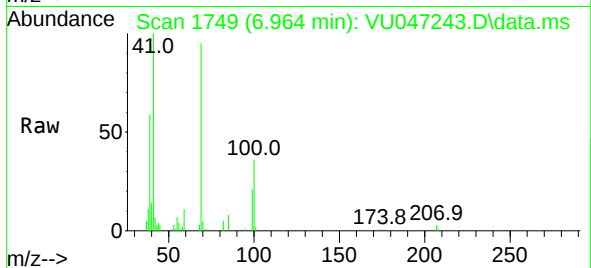
Acq: 23 Feb 2022 11:25

Instrument :

MSVOA_U

ClientSampleId :

VU0223WBS01



Tgt Ion: 69 Resp: 25739

Ion Ratio Lower Upper

69 100

41 105.0 0.0 230.0

39 63.6 55.1 82.7

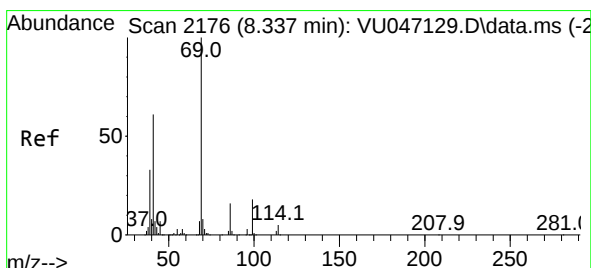
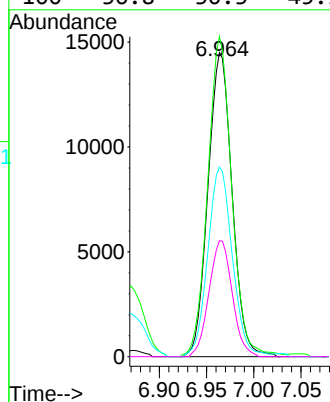
100 36.8 30.3 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#48

Ethyl methacrylate

Concen: 1.577 ug/l

RT: 8.337 min Scan# 2176

Delta R.T. -0.000 min

Lab File: VU047243.D

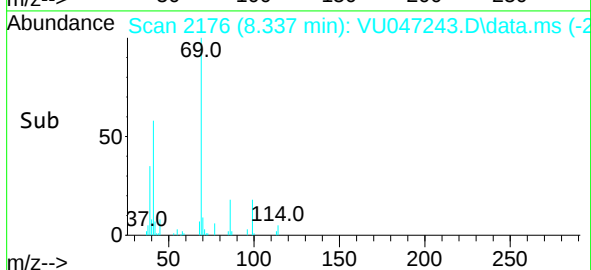
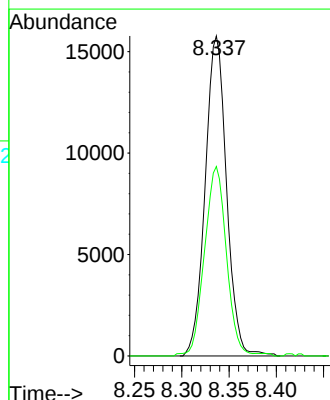
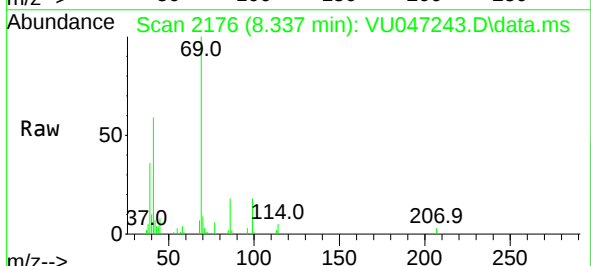
Acq: 23 Feb 2022 11:25

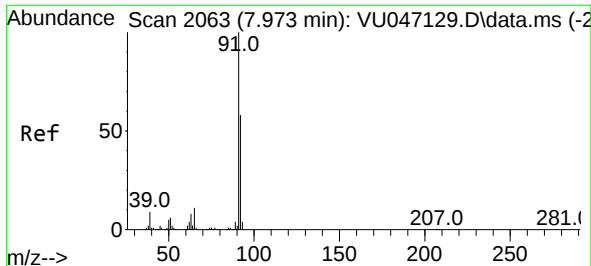
Tgt Ion: 69 Resp: 24808

Ion Ratio Lower Upper

69 100

41 61.1 32.6 98.0





#49

Toluene

Concen: 1.780 ug/l

RT: 7.973 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VU047243.D

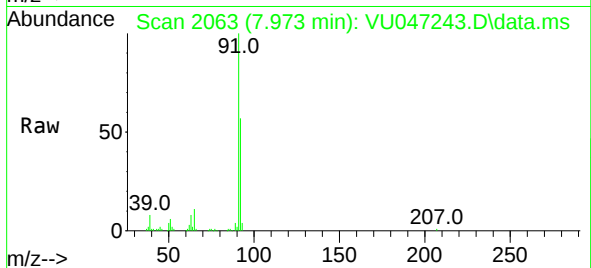
Acq: 23 Feb 2022 11:25

Instrument :

MSVOA_U

ClientSampleId :

VU0223WBS01



Tgt Ion: 92 Resp: 5952

Ion Ratio Lower Upper

92 100

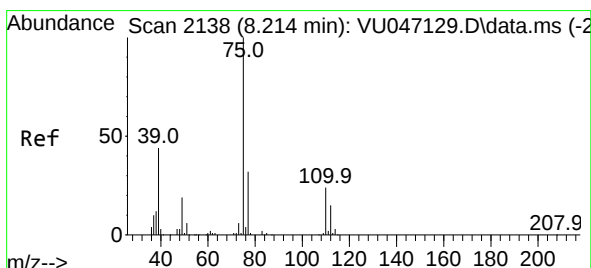
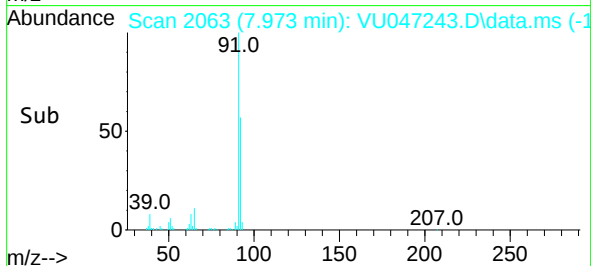
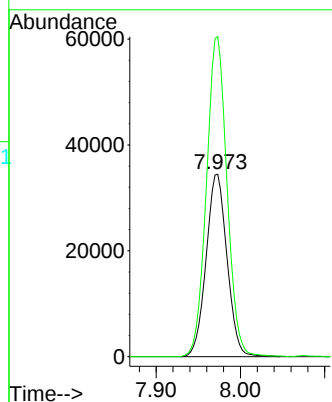
91 172.8 136.8 205.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#50

t-1,3-Dichloropropene

Concen: 1.661 ug/l

RT: 8.214 min Scan# 2138

Delta R.T. -0.000 min

Lab File: VU047243.D

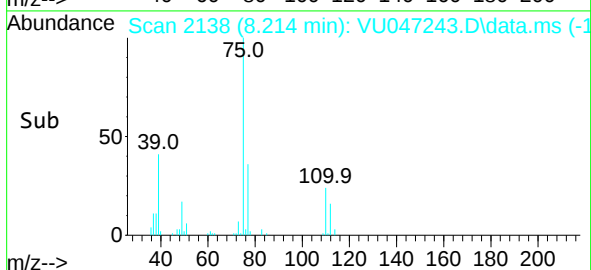
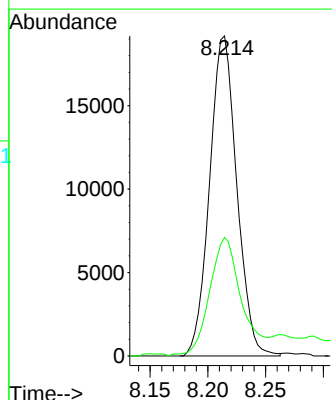
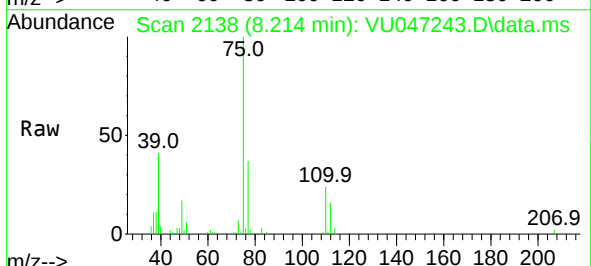
Acq: 23 Feb 2022 11:25

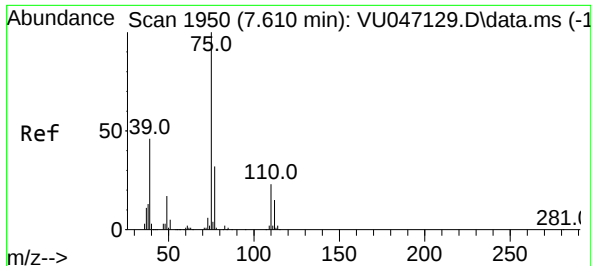
Tgt Ion: 75 Resp: 31468

Ion Ratio Lower Upper

75 100

77 36.4 25.6 38.4





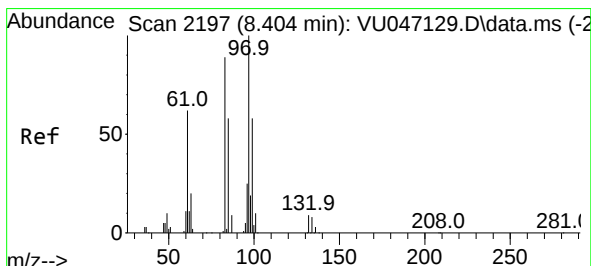
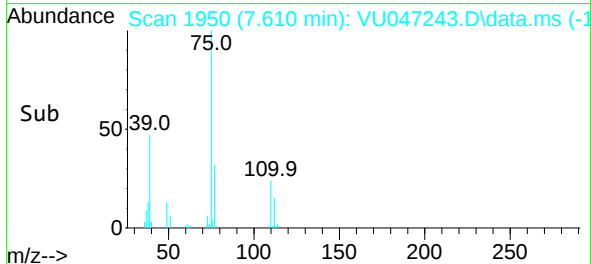
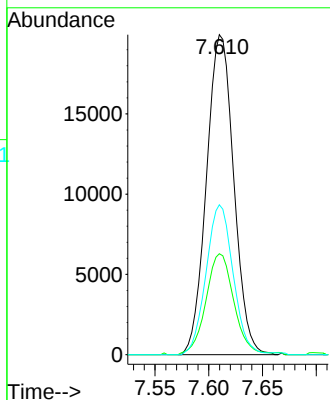
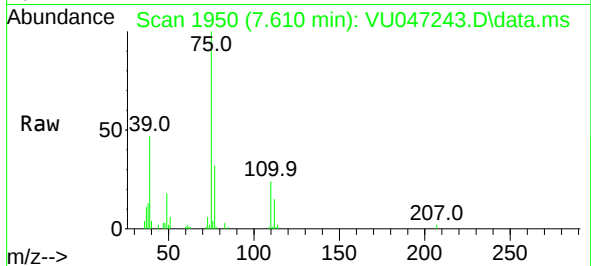
#51
cis-1,3-Dichloropropene
Concen: 1.657 ug/l
RT: 7.610 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25

Instrument :
MSVOA_U
ClientSampleId :
VU0223WBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.2	37.8
39	46.9	38.6	57.8

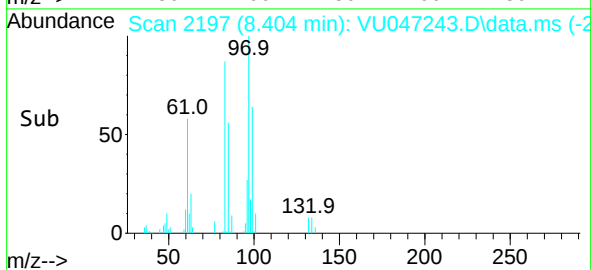
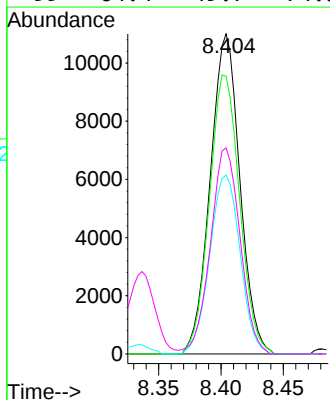
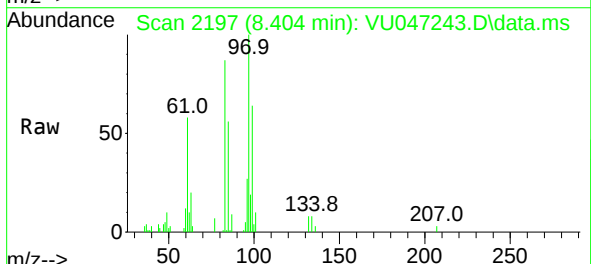
Manual Integrations
APPROVED

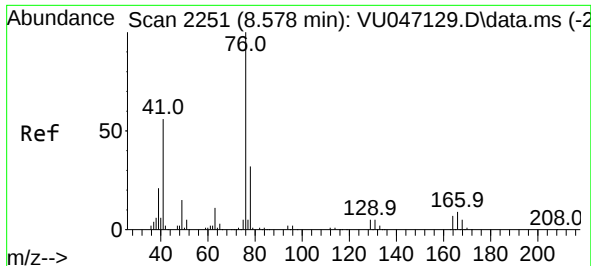
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#52
1,1,2-Trichloroethane
Concen: 1.729 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.8	69.8	104.8
85	55.9	44.2	66.4
99	64.4	49.7	74.5





#53

1,3-Dichloropropane

Concen: 1.681 ug/l

RT: 8.578 min Scan# 2251

Delta R.T. -0.000 min

Lab File: VU047243.D

Acq: 23 Feb 2022 11:25

Instrument :

MSVOA_U

ClientSampleId :

VU0223WBS01

Tgt Ion: 76 Resp: 3171

Ion Ratio Lower Upper

76 100

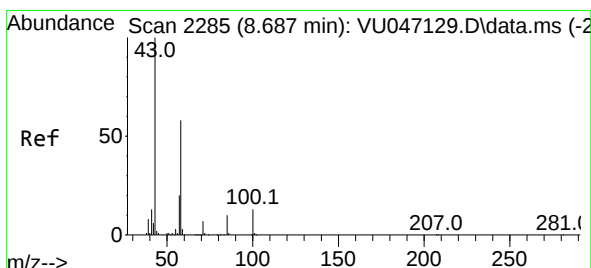
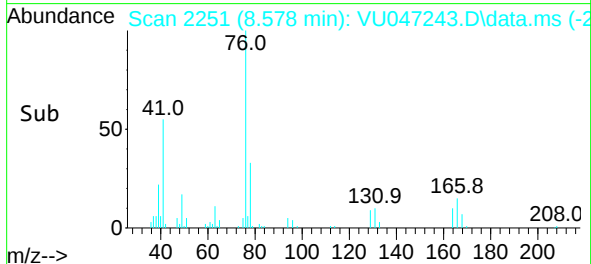
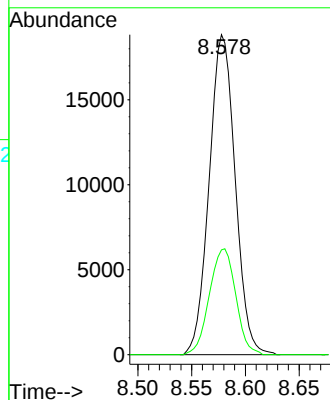
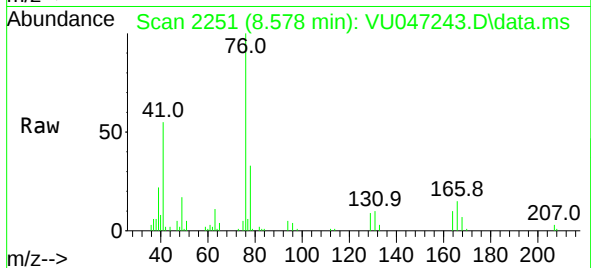
78 33.5 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#54

2-Hexanone

Concen: 7.404 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. -0.000 min

Lab File: VU047243.D

Acq: 23 Feb 2022 11:25

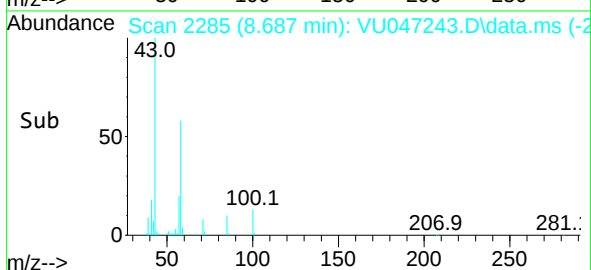
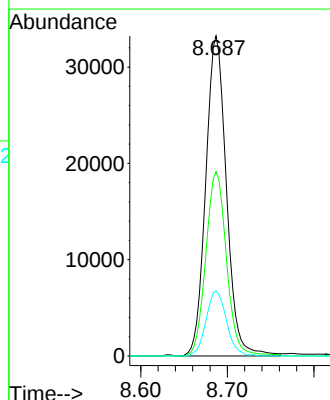
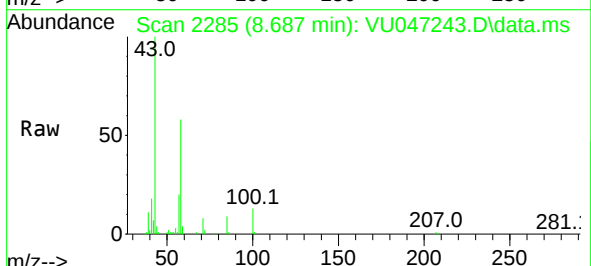
Tgt Ion: 43 Resp: 55201

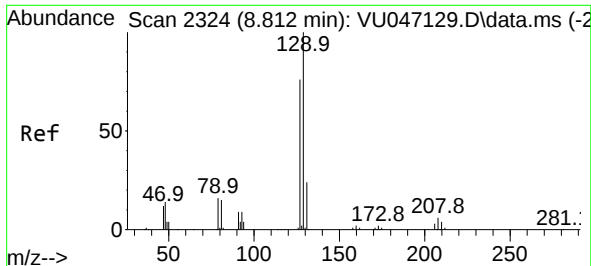
Ion Ratio Lower Upper

43 100

58 57.5 37.7 77.7

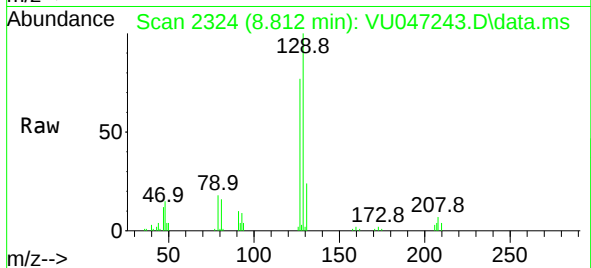
57 20.0 0.5 40.5





#55
Dibromochloromethane
Concen: 1.613 ug/l
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25

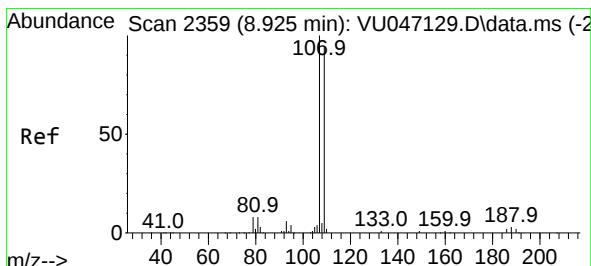
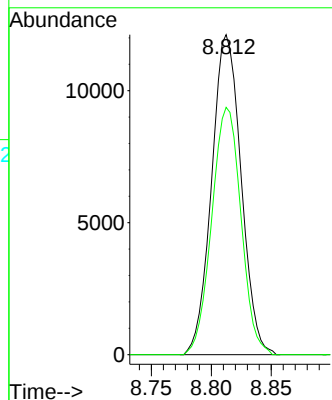
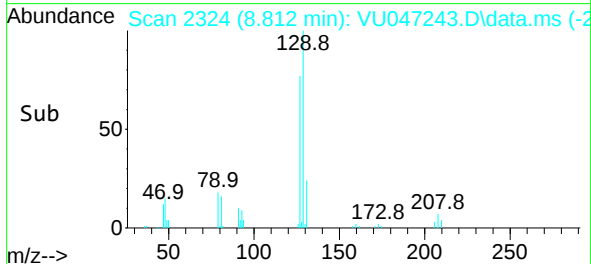
Instrument :
MSVOA_U
ClientSampleId :
VU0223WBS01



Tgt Ion:129 Resp: 2070
Ion Ratio Lower Upper
129 100
127 76.6 62.2 93.4

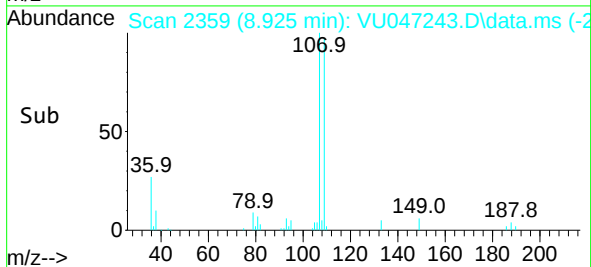
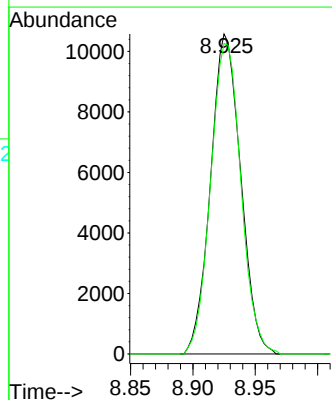
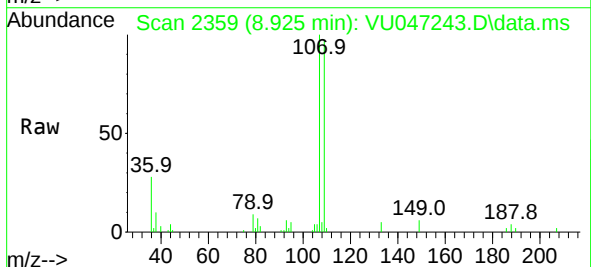
Manual Integrations
APPROVED

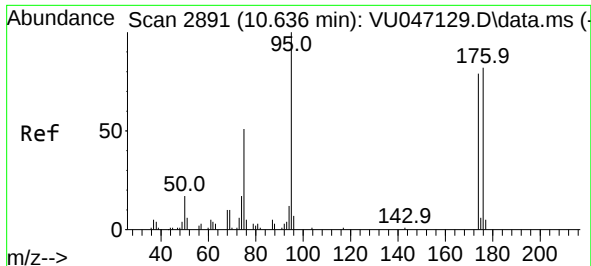
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#56
1,2-Dibromoethane
Concen: 1.667 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. -0.000 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25

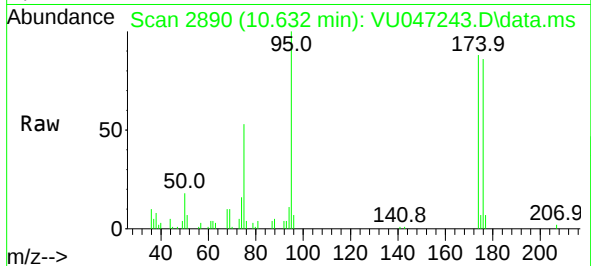
Tgt Ion:107 Resp: 17782
Ion Ratio Lower Upper
107 100
109 97.7 0.0 185.0





#57
4-Bromofluorobenzene
Concen: 0.947 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25

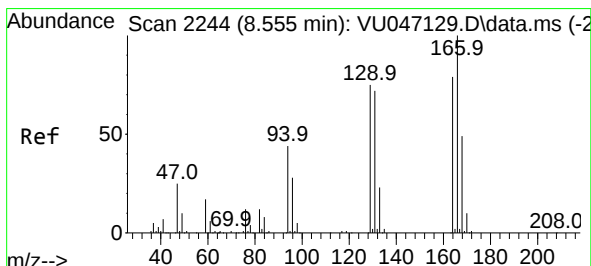
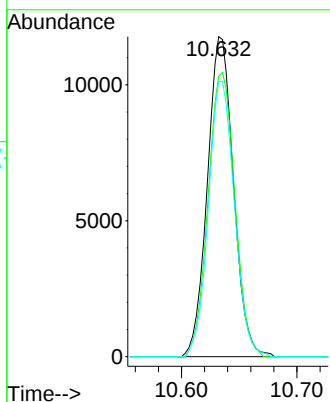
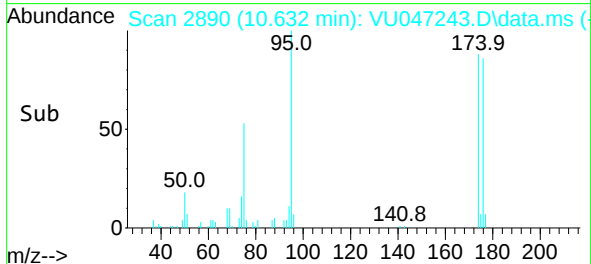
Instrument : MSVOA_U
ClientSampleId : VU0223WBS01



Tgt Ion: 95 Resp: 18458
Ion Ratio Lower Upper
95 100
174 91.1 56.6 84.8
176 86.1 54.3 81.5

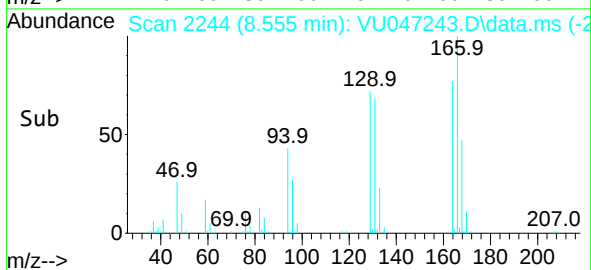
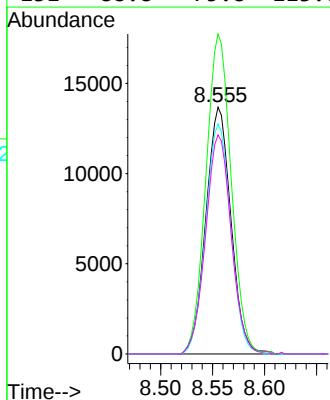
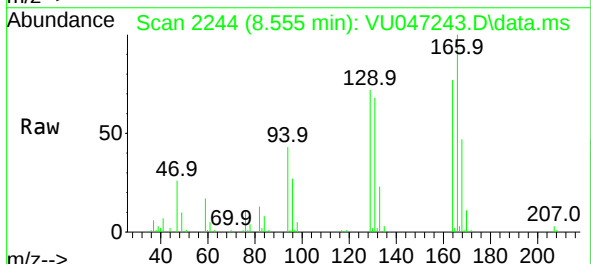
Manual Integrations
APPROVED

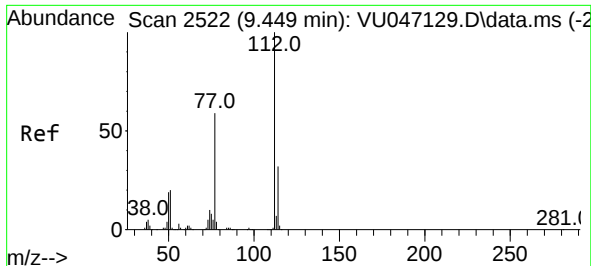
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#58
Tetrachloroethene
Concen: 1.731 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25

Tgt Ion:164 Resp: 22931
Ion Ratio Lower Upper
164 100
166 129.7 102.0 153.0
129 93.2 77.1 115.7
131 88.8 75.8 113.6





#59

Chlorobenzene

Concen: 1.754 ug/l

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU047243.D

Acq: 23 Feb 2022 11:25

Instrument :

MSVOA_U

ClientSampleId :

VU0223WBS01

Tgt Ion:112 Resp: 65424

Ion Ratio Lower Upper

112 100

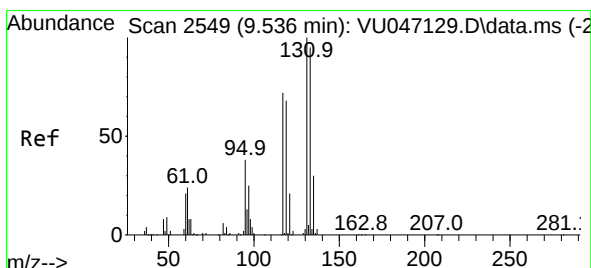
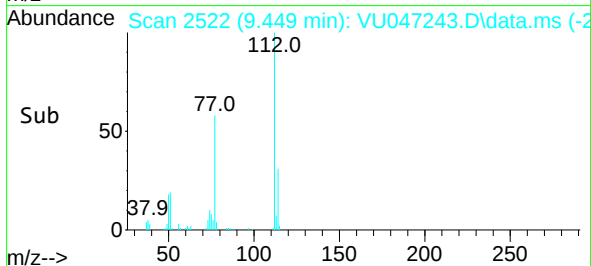
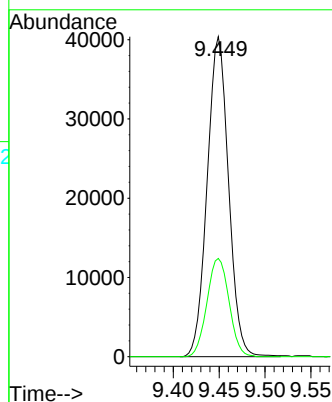
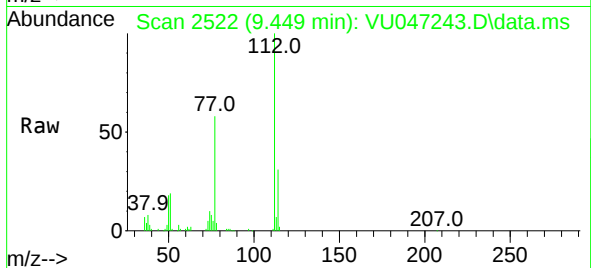
114 30.7 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#60

1,1,1,2-Tetrachloroethane

Concen: 1.781 ug/l

RT: 9.536 min Scan# 2549

Delta R.T. -0.000 min

Lab File: VU047243.D

Acq: 23 Feb 2022 11:25

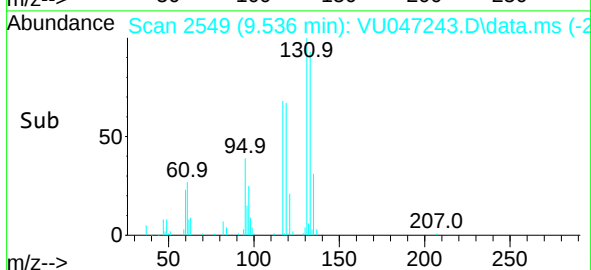
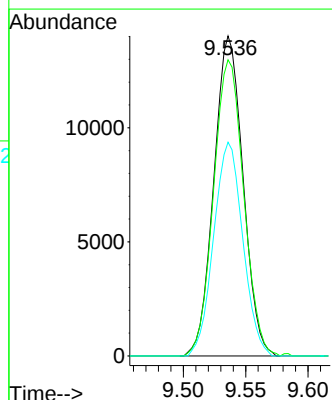
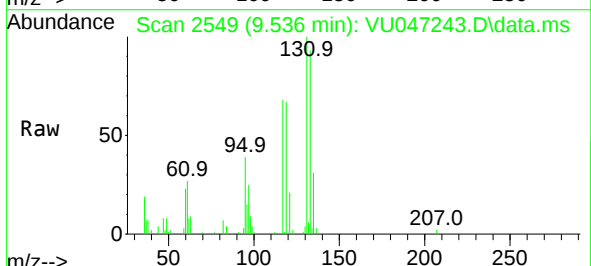
Tgt Ion:131 Resp: 22822

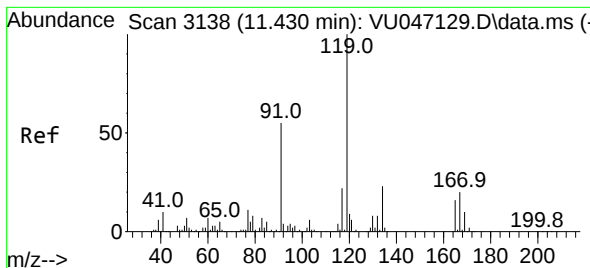
Ion Ratio Lower Upper

131 100

133 95.6 76.0 114.0

119 66.8 54.9 82.3





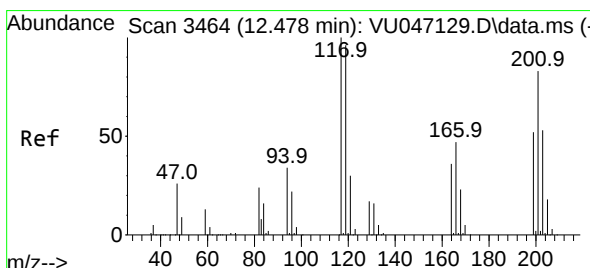
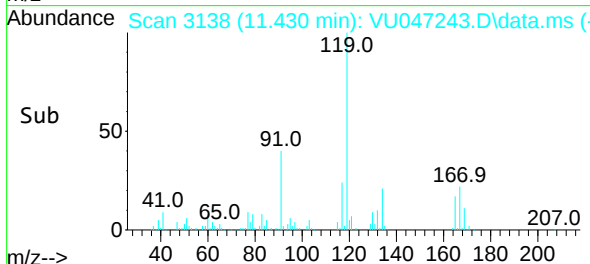
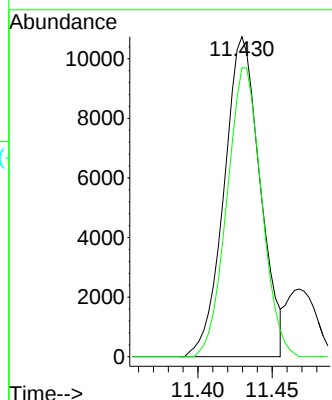
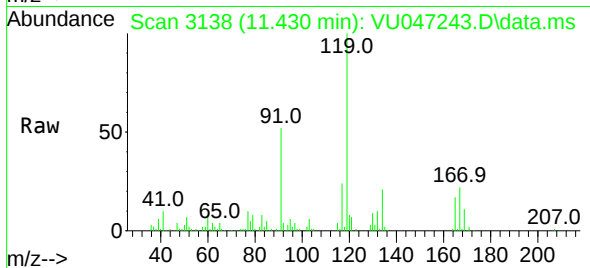
#61
Pentachloroethane
Concen: 1.860 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. -0.000 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25

Instrument :
MSVOA_U
ClientSampleId :
VU0223WBS01

Tgt Ion:117 Resp: 18098
Ion Ratio Lower Upper
117 100
167 86.7 59.7 89.5

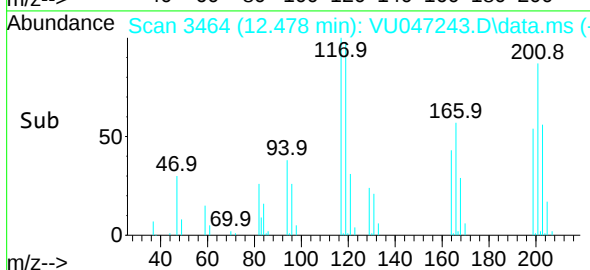
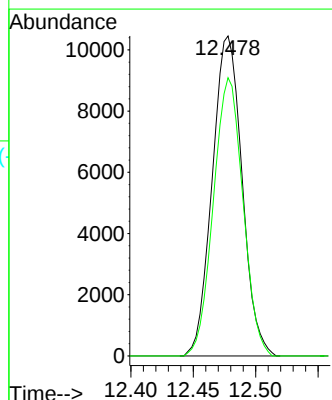
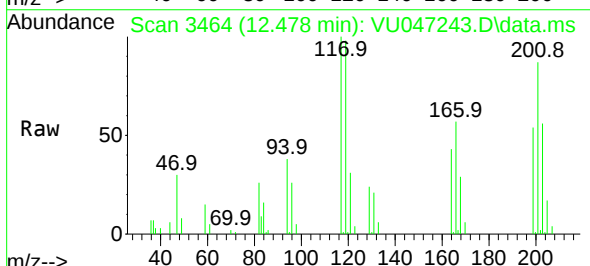
Manual Integrations
APPROVED

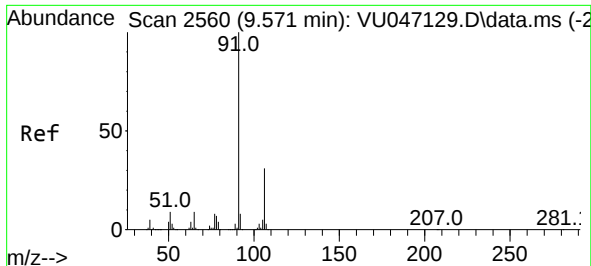
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#62
Hexachloroethane
Concen: 1.657 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. -0.000 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25

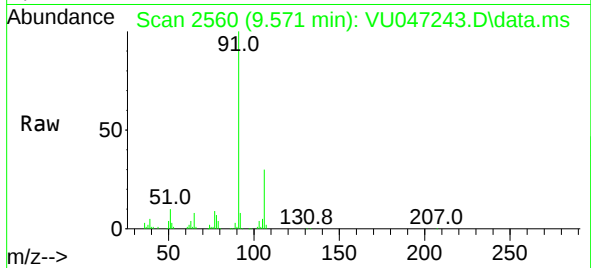
Tgt Ion:117 Resp: 17406
Ion Ratio Lower Upper
117 100
201 86.0 53.6 80.4#





#63
Ethyl Benzene
Concen: 1.739 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25

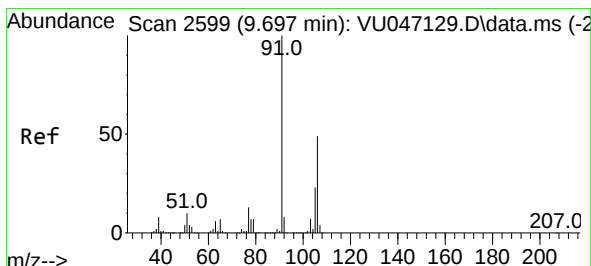
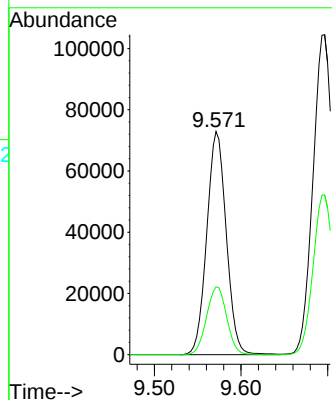
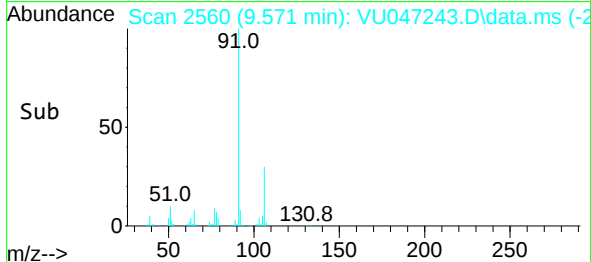
Instrument :
MSVOA_U
ClientSampleId :
VU0223WBS01



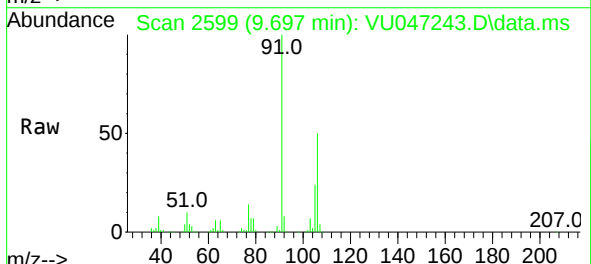
Tgt Ion: 91 Resp: 114009
Ion Ratio Lower Upper
91 100
106 30.4 24.4 36.6

Manual Integrations
APPROVED

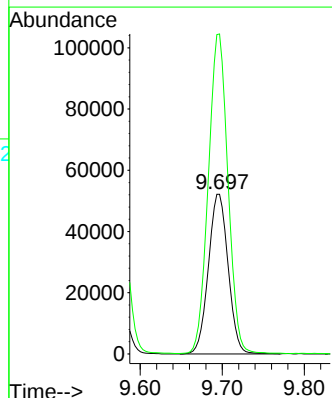
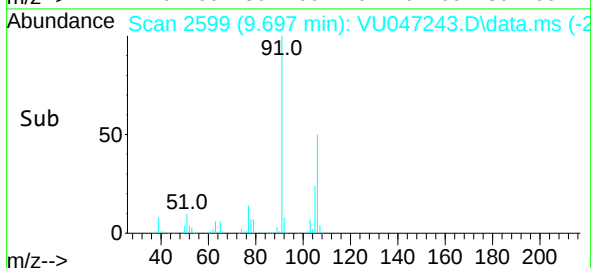
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

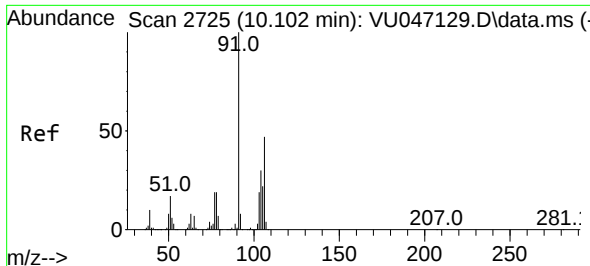


#64
m/p-Xylenes
Concen: 3.490 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25



Tgt Ion:106 Resp: 87213
Ion Ratio Lower Upper
106 100
91 198.6 165.5 248.3





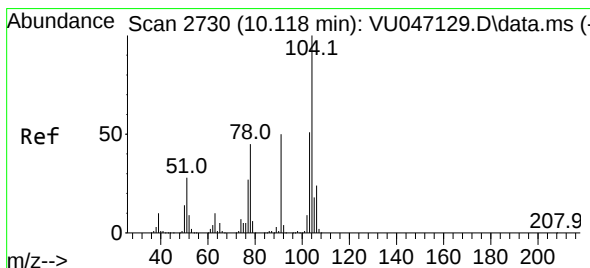
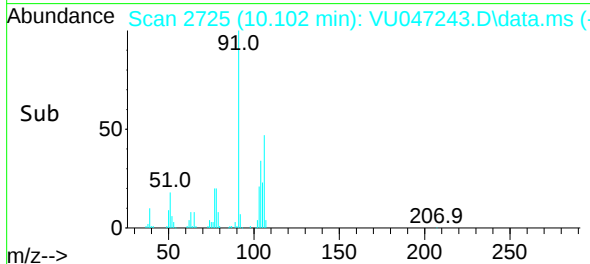
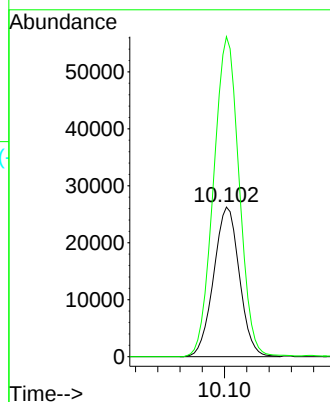
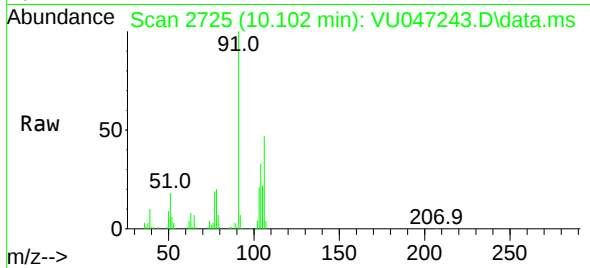
#65
o-Xylene
Concen: 1.739 ug/l
RT: 10.102 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25

Instrument :
MSVOA_U
ClientSampleId :
VU0223WBS01

Tgt Ion:106 Resp: 42084
Ion Ratio Lower Upper
106 100
91 213.3 109.4 328.2

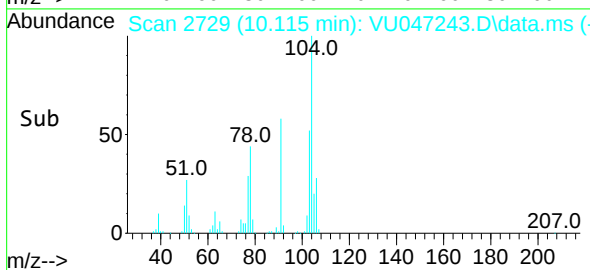
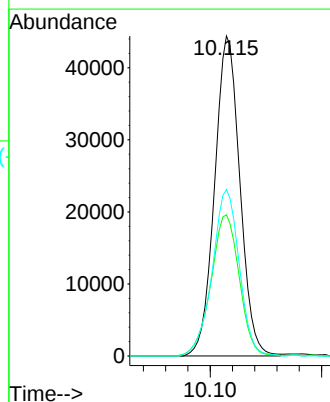
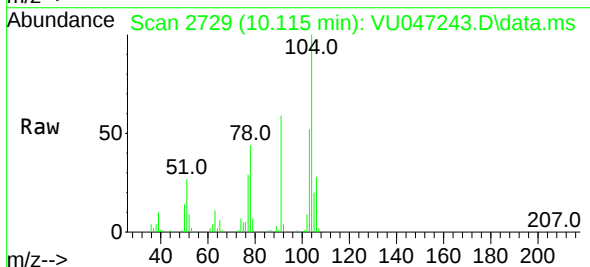
Manual Integrations
APPROVED

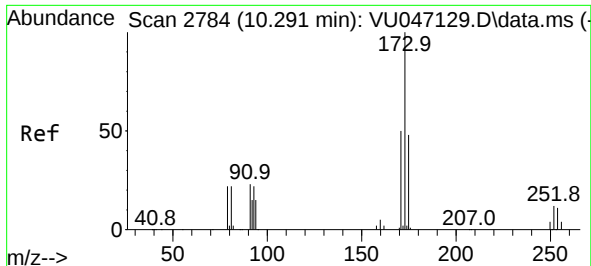
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#66
Styrene
Concen: 1.702 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25

Tgt Ion:104 Resp: 69926
Ion Ratio Lower Upper
104 100
78 49.3 42.4 63.6
103 55.5 44.2 66.4





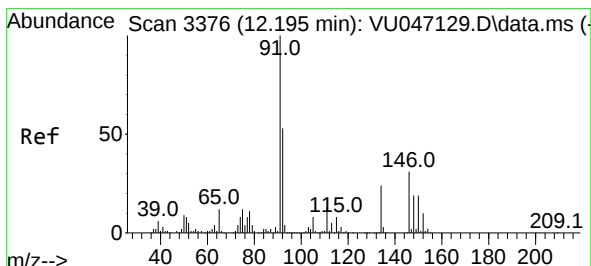
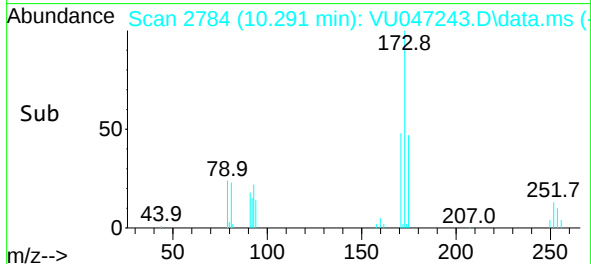
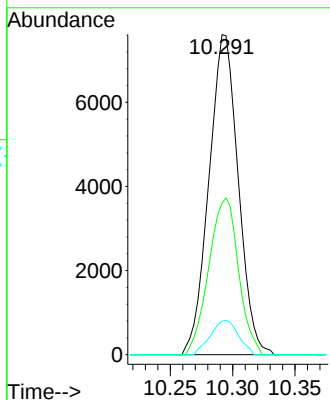
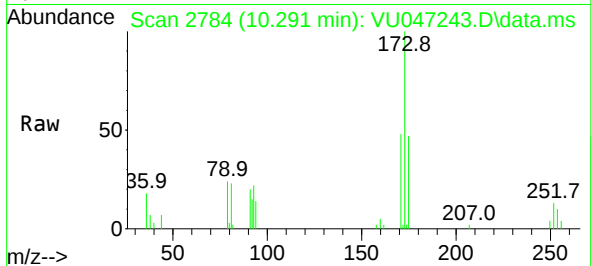
#67
Bromoform
Concen: 1.532 ug/l
RT: 10.291 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25

Instrument :
MSVOA_U
ClientSampleId :
VU0223WBS01

Tgt Ion:173 Resp: 1246
Ion Ratio Lower Upper
173 100
175 49.5 39.0 58.4
254 10.2 5.5 8.3

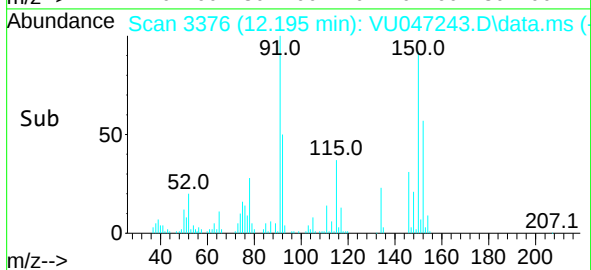
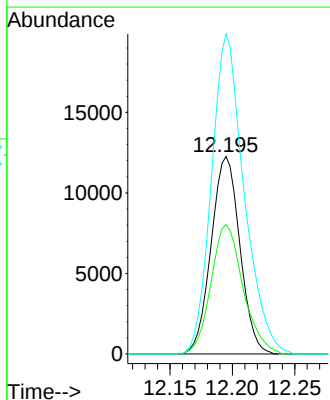
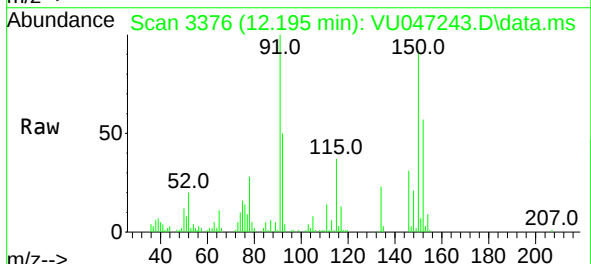
Manual Integrations
APPROVED

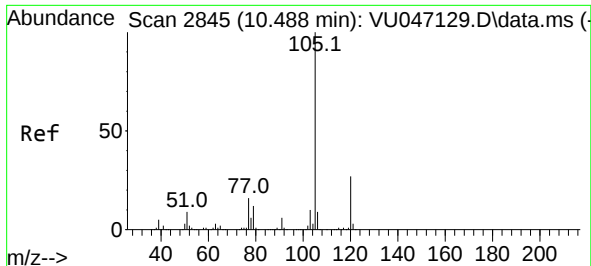
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#68
1,2-Dichlorobenzene-d4
Concen: 0.969 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. -0.000 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25

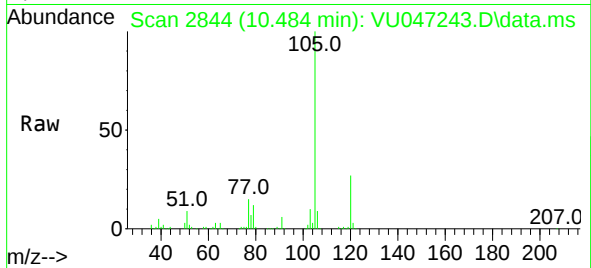
Tgt Ion:152 Resp: 19678
Ion Ratio Lower Upper
152 100
115 73.1 0.0 251.0
150 183.6 0.0 613.8





#69
Isopropylbenzene
Concen: 1.723 ug/l
RT: 10.484 min Scan# 2845
Delta R.T. -0.003 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25

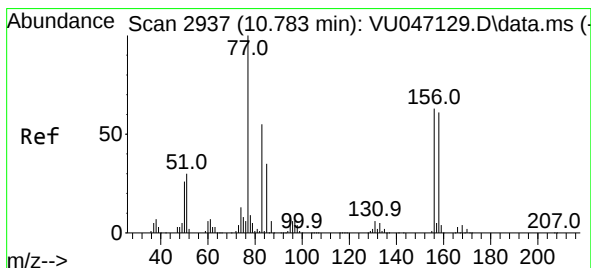
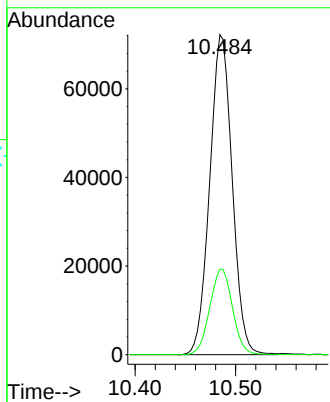
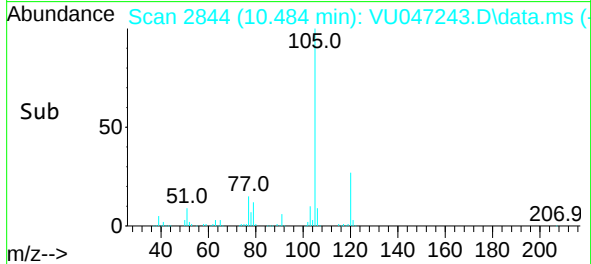
Instrument :
MSVOA_U
ClientSampleId :
VU0223WBS01



Tgt Ion:105 Resp: 11219
Ion Ratio Lower Upper
105 100
120 27.0 12.8 38.4

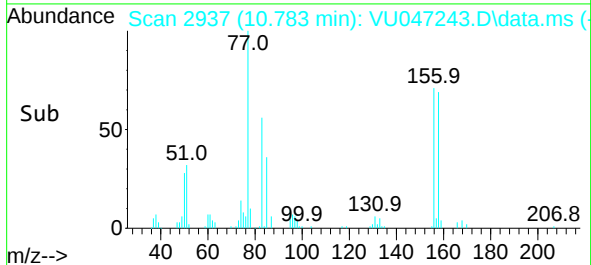
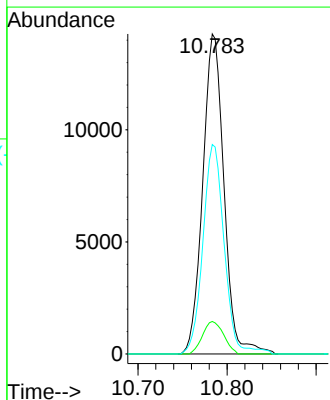
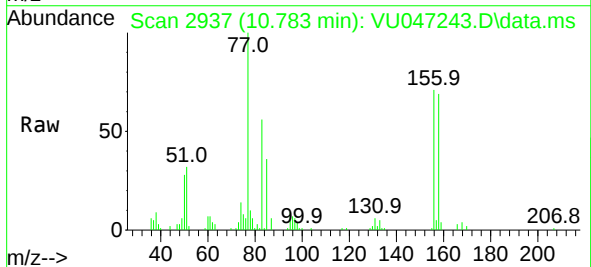
Manual Integrations
APPROVED

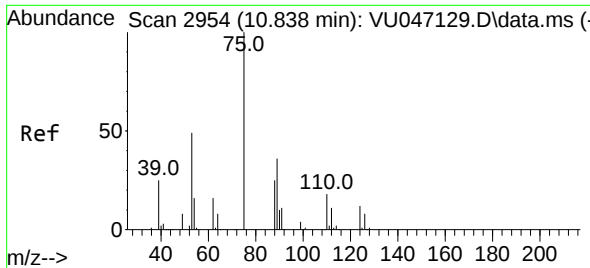
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#70
1,1,2,2-Tetrachloroethane
Concen: 1.656 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25

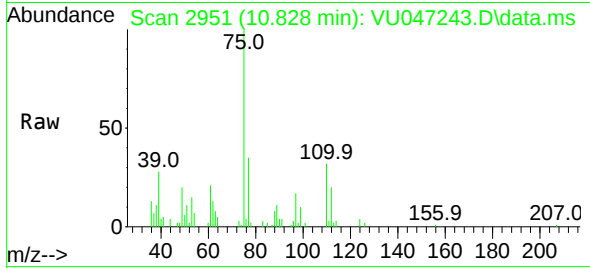
Tgt Ion: 83 Resp: 23638
Ion Ratio Lower Upper
83 100
131 10.1 7.6 11.4
85 65.7 50.9 76.3





#71
1,2,3-Trichloropropane
Concen: 1.422 ug/l m
RT: 10.828 min Scan# 2951
Delta R.T. -0.010 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25

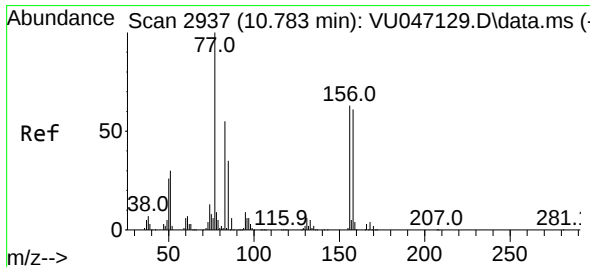
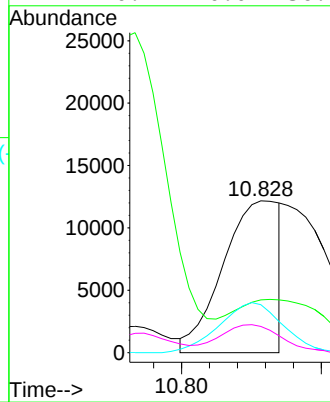
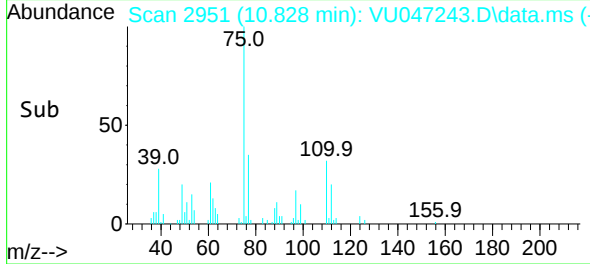
Instrument : MSVOA_U
ClientSampleId : VU0223WBS01



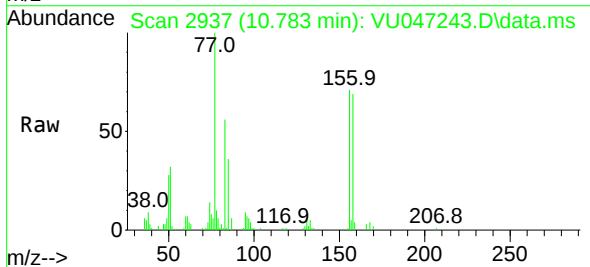
Tgt Ion: 75 Resp: 1713
Ion Ratio Lower Upper
75 100
77 58.3 0.0 105.6
110 37.1 0.0 71.2
97 20.4 0.0 36.8

Manual Integrations
APPROVED

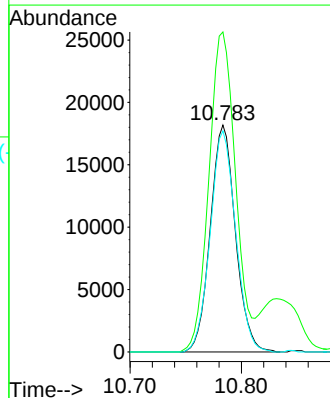
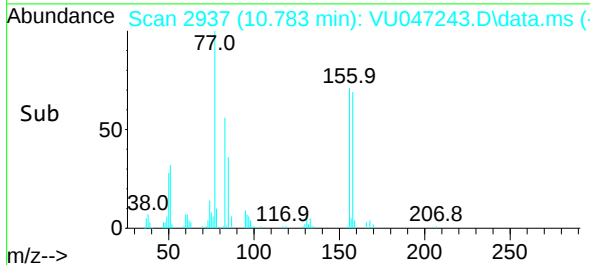
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

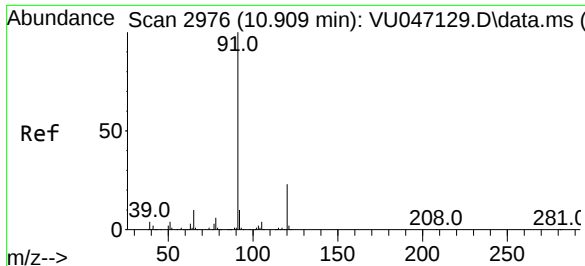


#72
Bromobenzene
Concen: 1.793 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25



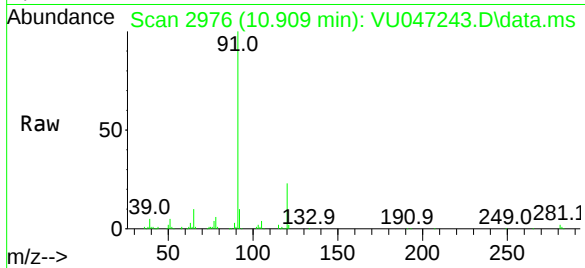
Tgt Ion:156 Resp: 28502
Ion Ratio Lower Upper
156 100
77 150.4 0.0 370.6
158 98.7 0.0 193.4





#73
n-propylbenzene
Concen: 1.742 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25

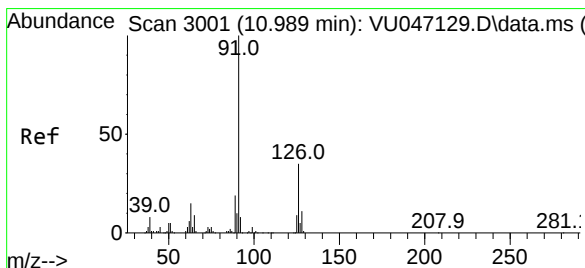
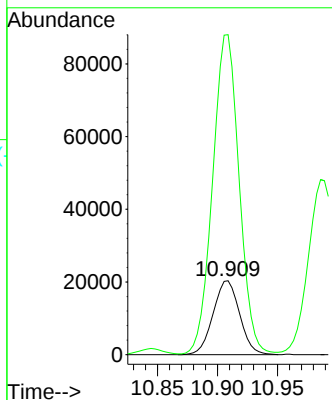
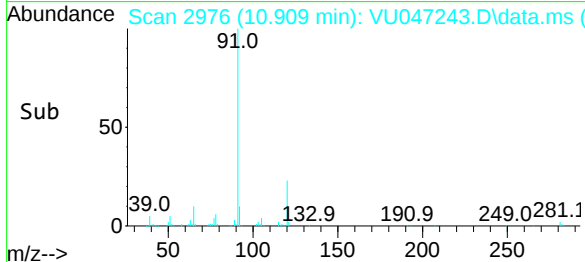
Instrument :
MSVOA_U
ClientSampleId :
VU0223WBS01



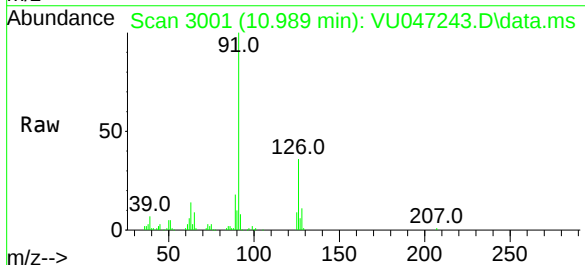
Tgt Ion:120 Resp: 31214
Ion Ratio Lower Upper
120 100
91 431.2 370.7 556.1

Manual Integrations
APPROVED

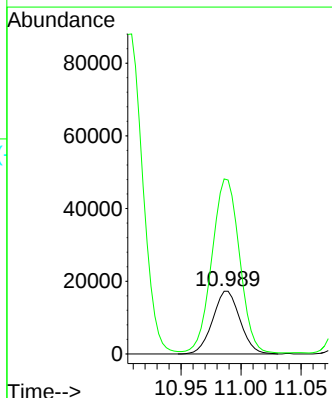
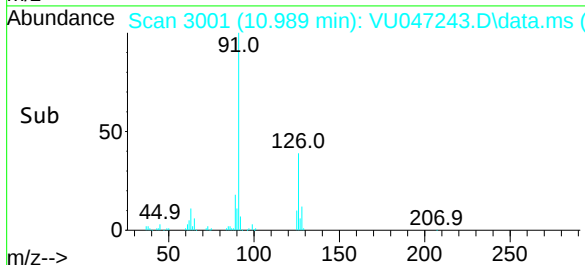
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

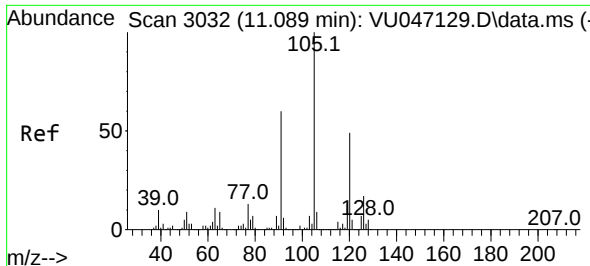


#74
2-Chlorotoluene
Concen: 1.789 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. -0.000 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25



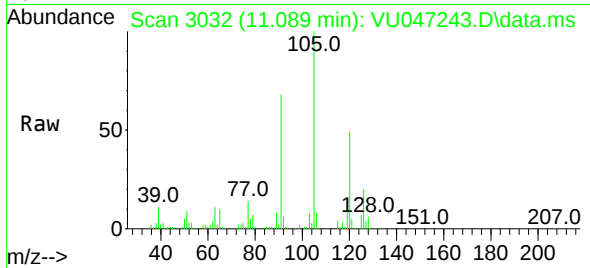
Tgt Ion:126 Resp: 27338
Ion Ratio Lower Upper
126 100
91 279.8 0.0 639.6





#75
1,3,5-Trimethylbenzene
Concen: 1.750 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25

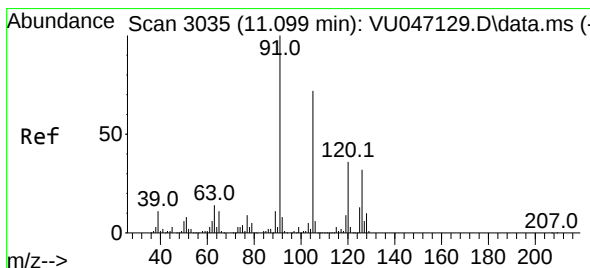
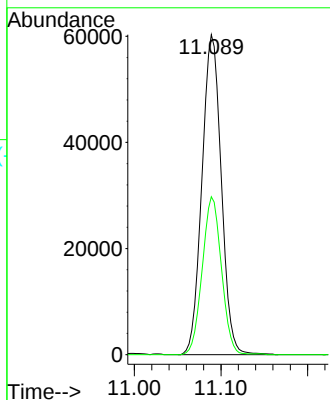
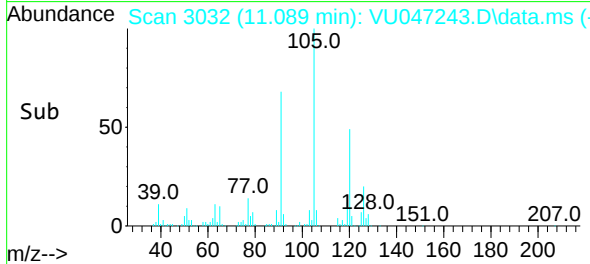
Instrument :
MSVOA_U
ClientSampleId :
VU0223WBS01



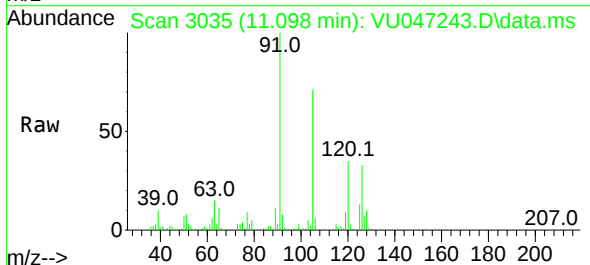
Tgt Ion:105 Resp: 93452
Ion Ratio Lower Upper
105 100
120 48.9 38.6 58.0

Manual Integrations
APPROVED

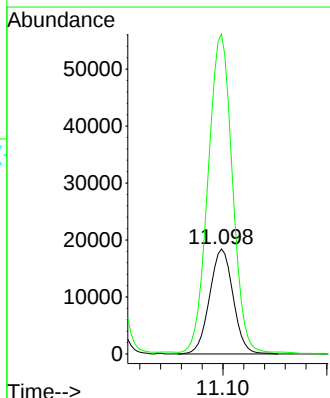
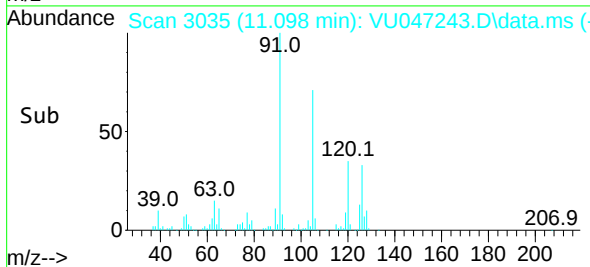
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

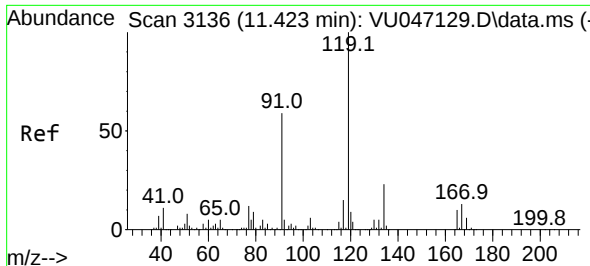


#76
4-Chlorotoluene
Concen: 1.805 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. -0.000 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25



Tgt Ion:126 Resp: 28975
Ion Ratio Lower Upper
126 100
91 312.1 0.0 728.0





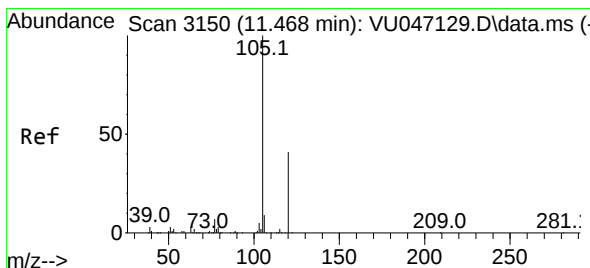
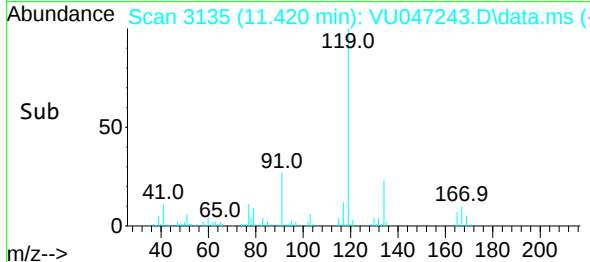
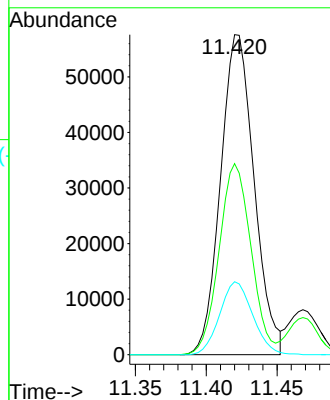
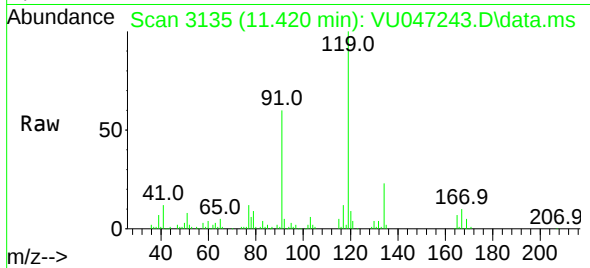
#77
tert-Butylbenzene
Concen: 1.775 ug/l
RT: 11.420 min Scan# 3136
Delta R.T. -0.003 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25

Instrument :
MSVOA_U
ClientSampleId :
VU0223WBS01

Tgt Ion:119 Resp: 95080
Ion Ratio Lower Upper
119 100
91 56.8 31.4 94.3
134 22.4 18.5 27.7

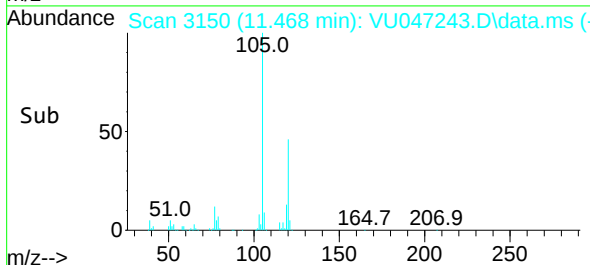
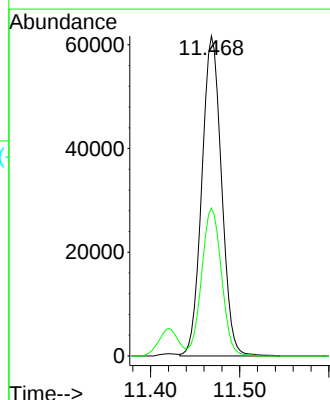
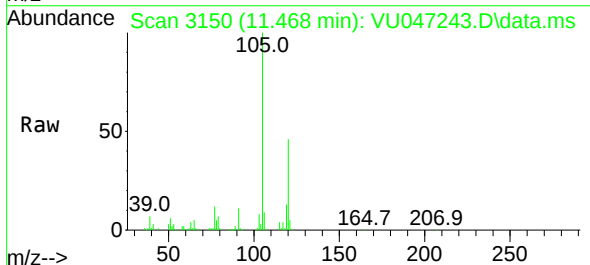
Manual Integrations
APPROVED

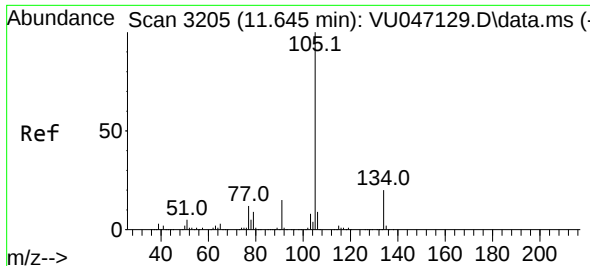
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#78
1,2,4-Trimethylbenzene
Concen: 1.738 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25

Tgt Ion:105 Resp: 94695
Ion Ratio Lower Upper
105 100
120 46.6 22.3 66.8





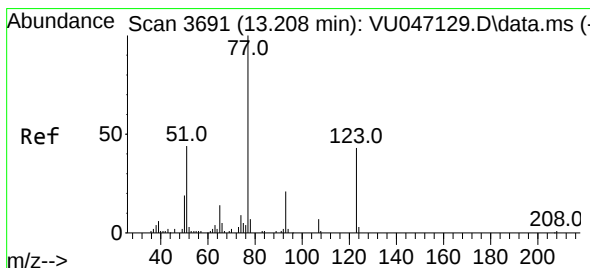
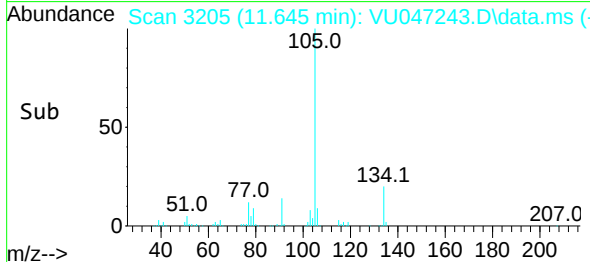
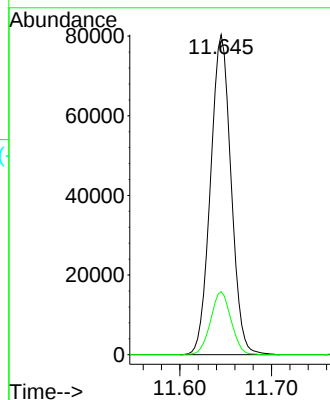
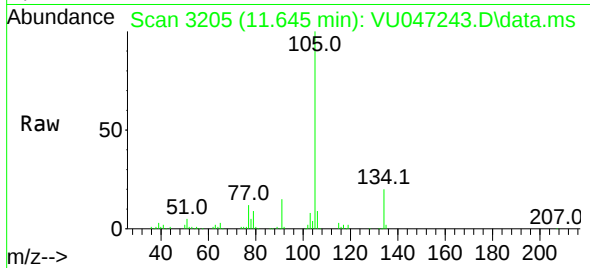
#79
 sec-Butylbenzene
 Concen: 1.763 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU047243.D
 Acq: 23 Feb 2022 11:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0223WBS01

Tgt Ion:105 Resp: 125380
 Ion Ratio Lower Upper
 105 100
 134 19.7 15.4 23.0

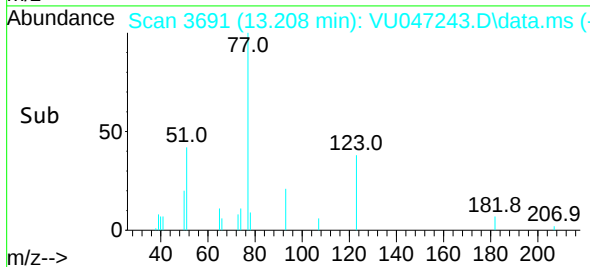
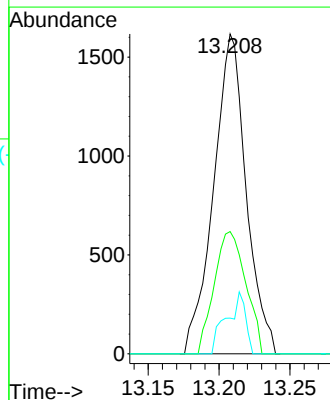
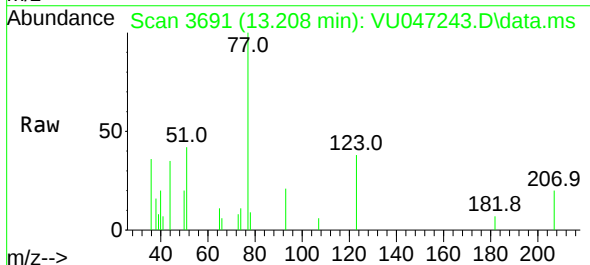
Manual Integrations
 APPROVED

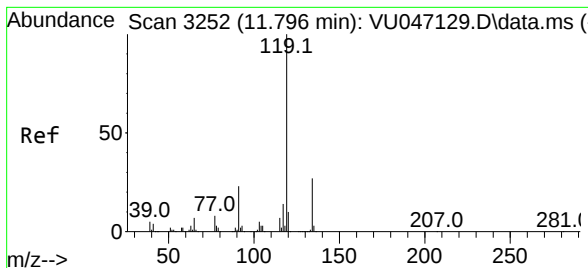
Reviewed By :John Carlone 02/24/2022
 Supervised By :Mahesh Dadoda 02/24/2022



#80
 Nitrobenzene
 Concen: 3.748 ug/l
 RT: 13.208 min Scan# 3691
 Delta R.T. -0.000 min
 Lab File: VU047243.D
 Acq: 23 Feb 2022 11:25

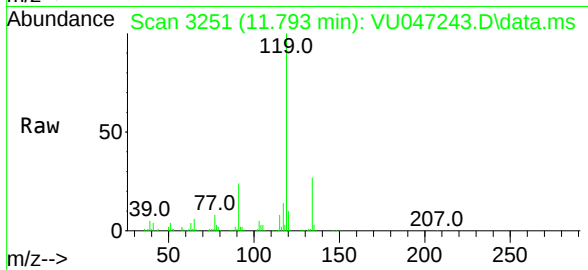
Tgt Ion: 77 Resp: 2583
 Ion Ratio Lower Upper
 77 100
 123 37.0 18.2 64.4
 65 11.3 12.0 15.2#





#81
p-Isopropyltoluene
Concen: 1.727 ug/l
RT: 11.793 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25

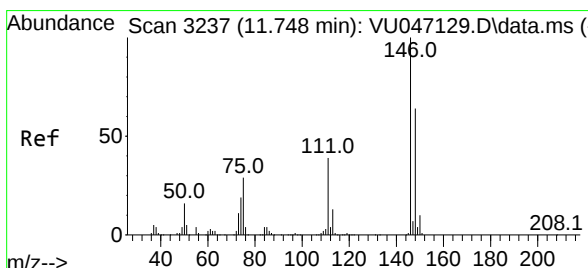
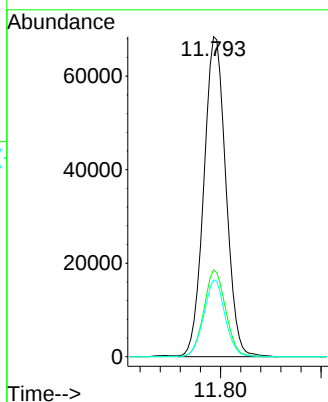
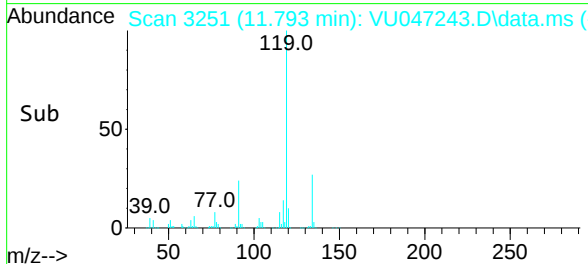
Instrument :
MSVOA_U
ClientSampleId :
VU0223WBS01



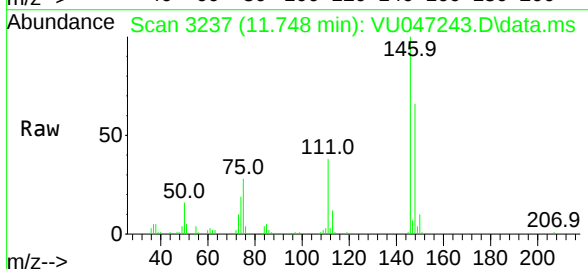
Tgt Ion:119 Resp: 103954
Ion Ratio Lower Upper
119 100
134 26.8 20.2 30.4
91 23.3 19.9 29.9

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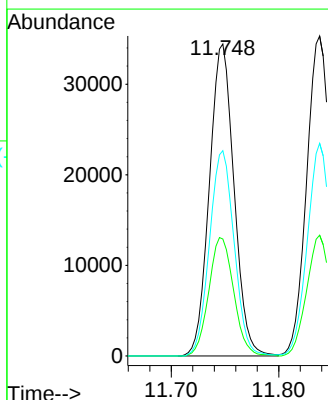
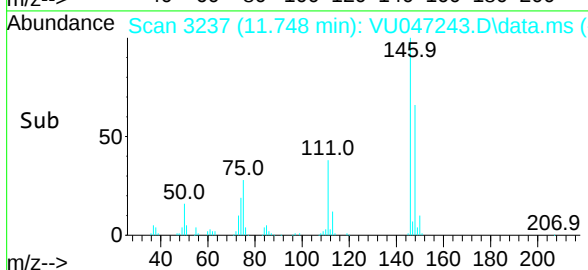
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

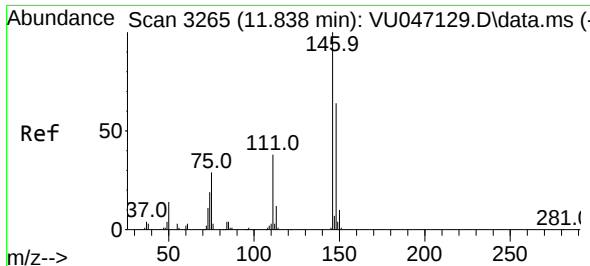


#82
1,3-Dichlorobenzene
Concen: 1.772 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25



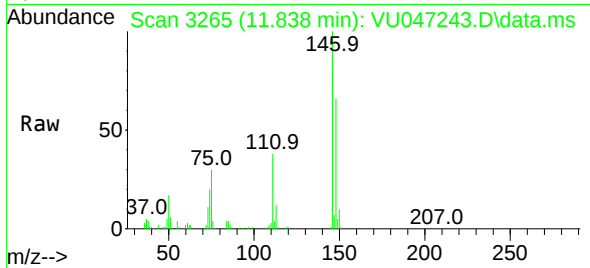
Tgt Ion:146 Resp: 54834
Ion Ratio Lower Upper
146 100
111 38.4 33.9 50.9
148 65.9 50.9 76.3





#83
1,4-Dichlorobenzene
Concen: 1.793 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25

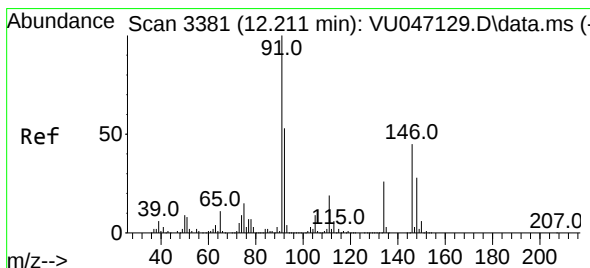
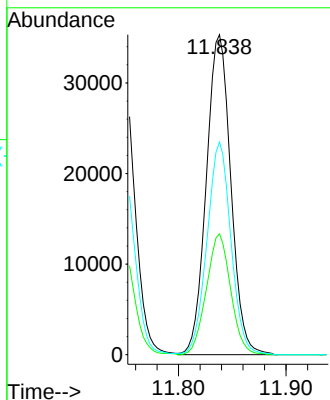
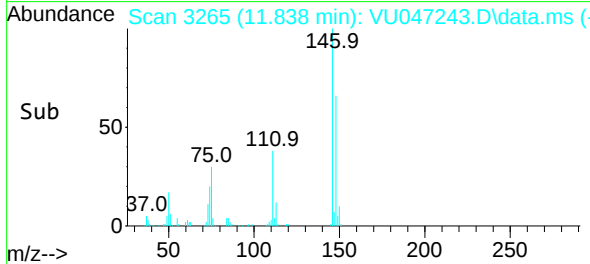
Instrument :
MSVOA_U
ClientSampleId :
VU0223WBS01



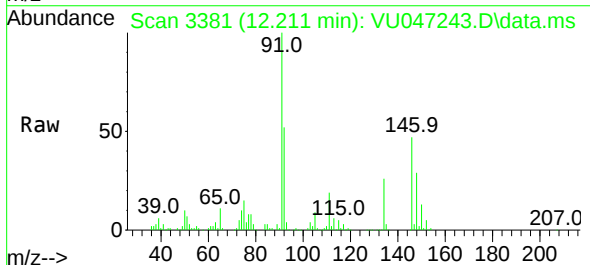
Tgt Ion:146 Resp: 55900
Ion Ratio Lower Upper
146 100
111 37.3 32.7 49.1
148 65.1 51.4 77.0

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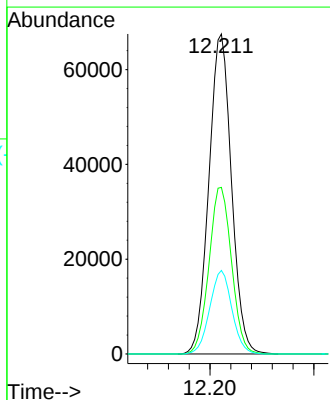
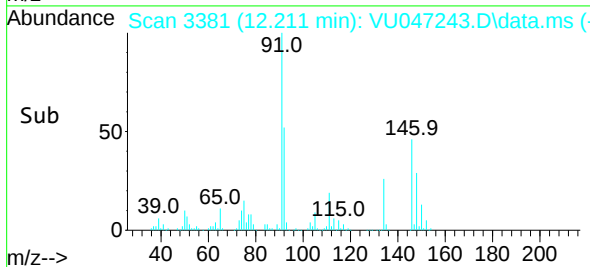
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

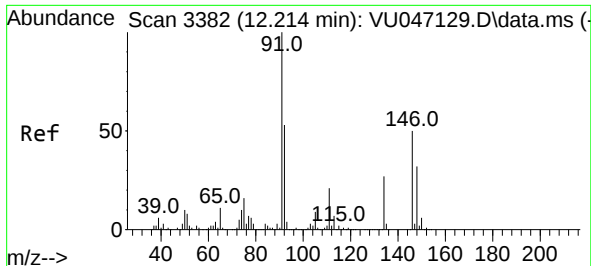


#84
n-Butylbenzene
Concen: 1.759 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25



Tgt Ion: 91 Resp: 101685
Ion Ratio Lower Upper
91 100
92 52.1 43.5 65.3
134 25.6 19.0 28.4





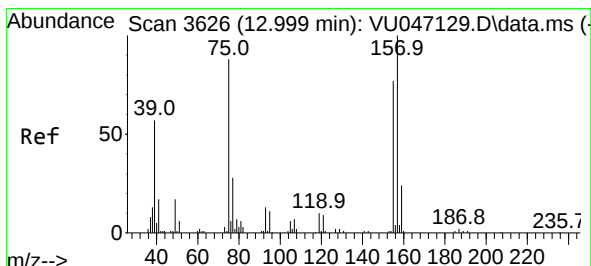
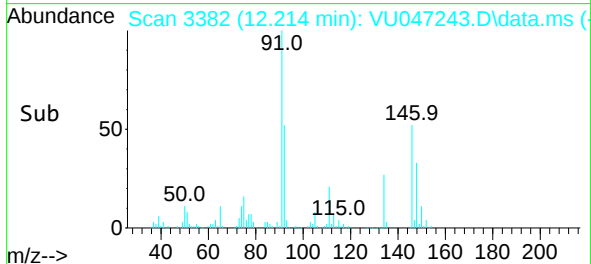
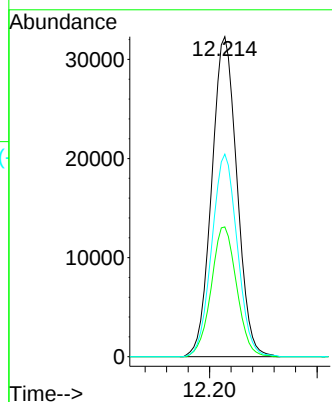
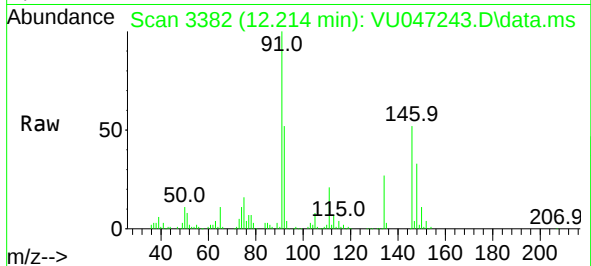
#85
1,2-Dichlorobenzene
Concen: 1.765 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. -0.000 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25

Instrument :
MSVOA_U
ClientSampleId :
VU0223WBS01

Tgt Ion:146 Resp: 5258
Ion Ratio Lower Upper
146 100
111 40.9 22.1 66.1
148 64.2 31.6 94.7

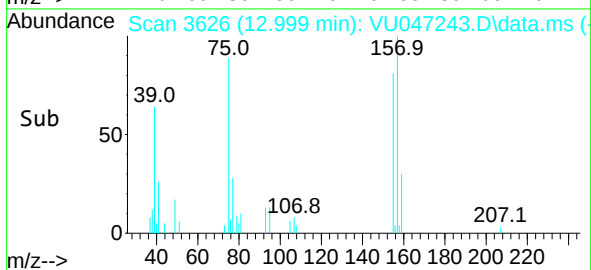
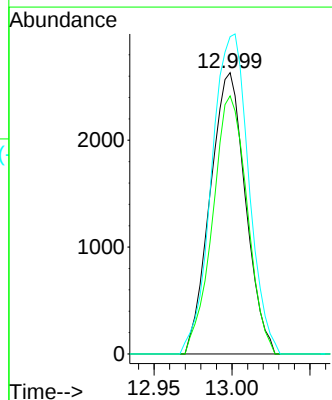
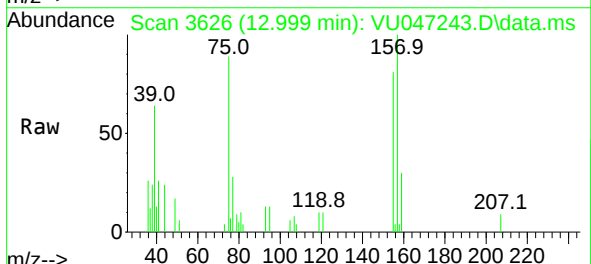
Manual Integrations
APPROVED

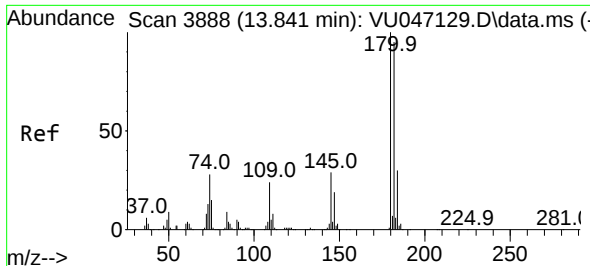
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#86
1,2-Dibromo-3-Chloropropane
Concen: 1.584 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. -0.000 min
Lab File: VU047243.D
Acq: 23 Feb 2022 11:25

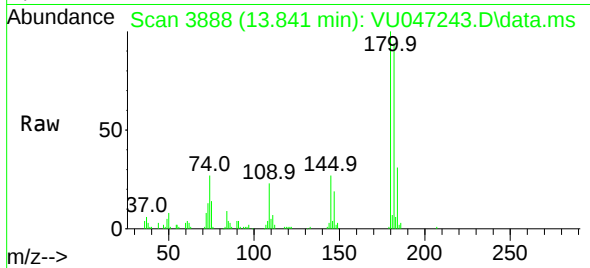
Tgt Ion: 75 Resp: 4146
Ion Ratio Lower Upper
75 100
155 89.4 57.8 86.8#
157 119.3 75.1 112.7#





#87
 1,2,4-Trichlorobenzene
 Concen: 1.841 ug/l
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU047243.D
 Acq: 23 Feb 2022 11:25

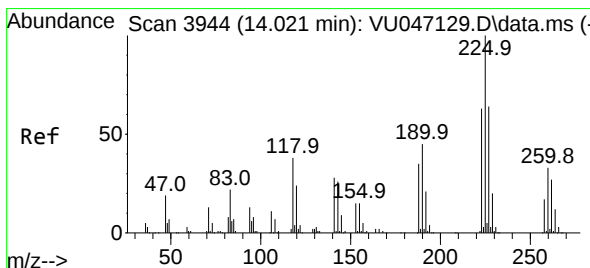
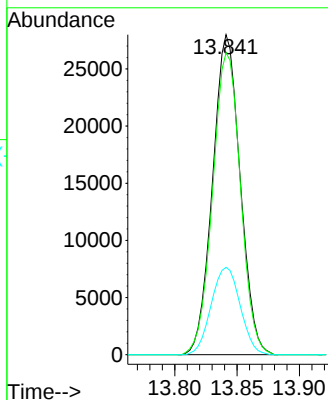
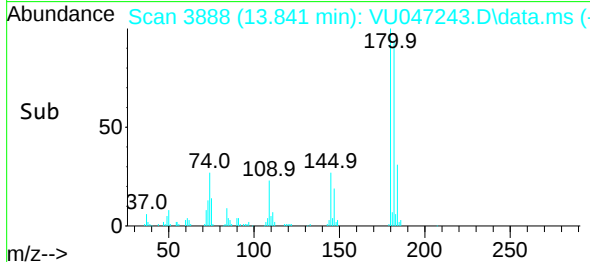
Instrument : MSVOA_U
 ClientSampleId : VU0223WBS01



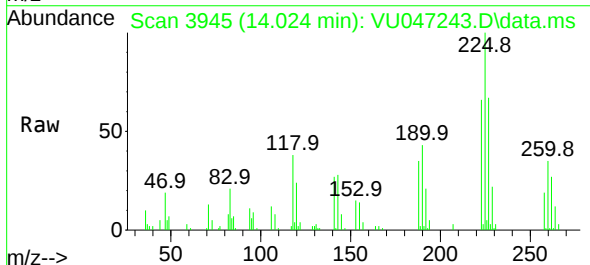
Tgt Ion:180 Resp: 43072
 Ion Ratio Lower Upper
 180 100
 182 95.3 75.8 113.8
 145 28.7 25.3 37.9

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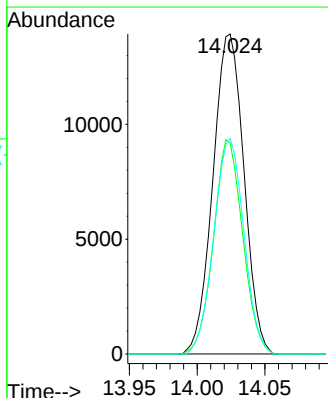
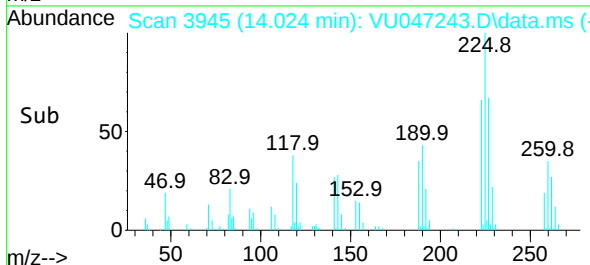
Reviewed By :John Carlone 02/24/2022
 Supervised By :Mahesh Dadoda 02/24/2022

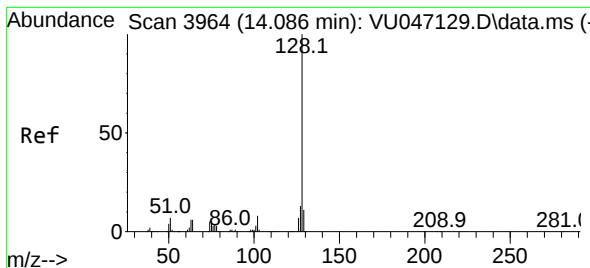


#88
 Hexachlorobutadiene
 Concen: 1.854 ug/l
 RT: 14.024 min Scan# 3945
 Delta R.T. 0.003 min
 Lab File: VU047243.D
 Acq: 23 Feb 2022 11:25



Tgt Ion:225 Resp: 22178
 Ion Ratio Lower Upper
 225 100
 223 63.2 51.1 76.7
 227 65.3 49.9 74.9





#89

Naphthalene

Concen: 1.646 ug/l

RT: 14.089 min Scan# 3964

Delta R.T. 0.003 min

Lab File: VU047243.D

Acq: 23 Feb 2022 11:25

Instrument :

MSVOA_U

ClientSampleId :

VU0223WBS01

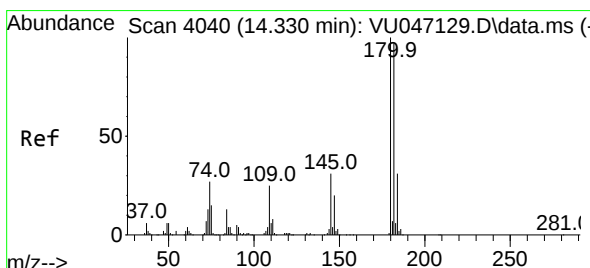
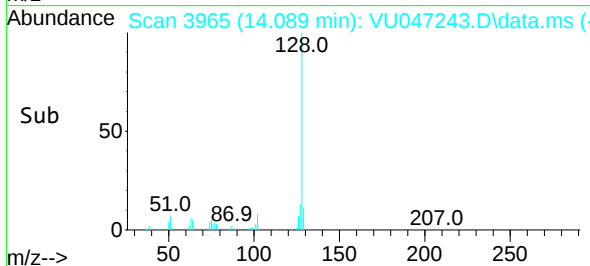
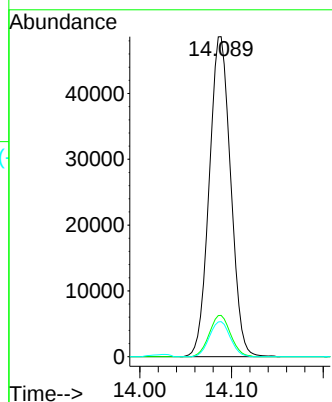
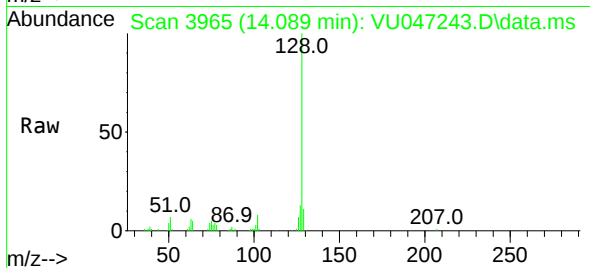
Tgt Ion:128	Resp:	7887
Ion Ratio	Lower	Upper
128	100	
127	12.8	10.6 16.0
129	10.6	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#90

1,2,3-Trichlorobenzene

Concen: 1.830 ug/l

RT: 14.330 min Scan# 4040

Delta R.T. -0.000 min

Lab File: VU047243.D

Acq: 23 Feb 2022 11:25

Tgt Ion:180	Resp:	38401
Ion Ratio	Lower	Upper
180	100	
182	95.2	75.4 113.0
145	30.9	27.0 40.4

