

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022122\
 Data File : VU047225.D
 Acq On : 21 Feb 2022 11:47
 Operator : SY/MD
 Sample : VU0221WBS01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0221WBS01

Manual Integrations
 APPROVED

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

Quant Time: Feb 22 03:58:16 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	51818	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	19522	0.973	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	19858	0.950	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	31768	1.839	ug/l	99
3) Chloromethane	1.523	50	50303	2.835	ug/l	100
4) Vinyl Chloride	1.607	62	31528	1.800	ug/l	96
5) Bromomethane	1.864	94	9136	0.798	ug/l	97
6) Chloroethane	1.941	64	19495	1.937	ug/l	100
7) Trichlorofluoromethane	2.147	101	38438	1.862	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	22689	1.907	ug/l	92
9) 1,1-Dichloroethene	2.588	96	22594	1.845	ug/l	93
10) Iodomethane	2.729	142	10113	1.532	ug/l	99
11) Allyl Chloride	2.932	41	32377	1.696	ug/l	97
12) Acrylonitrile	3.330	53	13291	3.697	ug/l	94
13) Acetone	2.655	43	24298	14.389	ug/l	97
14) Carbon Disulfide	2.800	76	74292	1.793	ug/l	100
15) Methylene Chloride	3.054	84	28916	2.102	ug/l	96
16) trans-1,2-Dichloroethene	3.359	96	24888	1.925	ug/l	98
17) 1,1-Dichloroethane	3.877	63	42971	1.814	ug/l	99
18) 2-Butanone	4.729	43	36432	10.059	ug/l	98
19) Cyclohexane	5.391	56	38569m	1.758	ug/l	
20) Methylcyclohexane	6.764	83	43361	1.793	ug/l	98
21) 2,2-Dichloropropane	4.674	77	39622	1.872	ug/l	96
22) cis-1,2-Dichloroethene	4.674	96	27839	1.873	ug/l	92
23) Diethyl Ether	2.382	59	17893	1.808	ug/l	96
24) tert-Butyl Alcohol	3.266	59	23915	37.147	ug/l #	87
25) Methyl tert-Butyl Ether	3.372	73	62292	1.814	ug/l	99
26) Bromochloromethane	4.983	128	10880	1.627	ug/l	89
27) Chloroform	5.096	83	45416	1.890	ug/l	98
28) 1,1,1-Trichloroethane	5.321	97	39012	1.875	ug/l	96
29) 1,1-Dichloropropene	5.530	75	35046	1.840	ug/l	96
30) Carbon Tetrachloride	5.530	117	33604	1.837	ug/l	99
31) Isopropyl Ether	4.002	45	68480	1.808	ug/l	100
32) Ethyl-t-butyl ether	4.511	59	62687	1.628	ug/l	95
33) Tert-Amyl methyl ether	5.948	73	52283	1.474	ug/l	97
34) Propionitrile	4.810	54	11377	13.118	ug/l #	1
35) Benzene	5.781	78	100638	1.886	ug/l	99
36) 1,2-Dichloroethane	5.800	62	30650	1.897	ug/l	99
37) Trichloroethene	6.546	130	28300	1.915	ug/l	94
38) 1,2-Dichloropropane	6.797	63	25440	1.801	ug/l	96
39) Methacrylonitrile	4.986	41	8436	1.733	ug/l	93
40) Methyl acrylate	4.855	55	16522	2.008	ug/l	98
41) Tetrahydrofuran	5.073	42	10401	4.194	ug/l	95
42) 1-Chlorobutane	5.462	56	47003	1.838	ug/l	99
43) Dibromomethane	6.922	93	14389	1.889	ug/l	91
44) Bromodichloromethane	7.112	83	32034	1.778	ug/l #	95

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 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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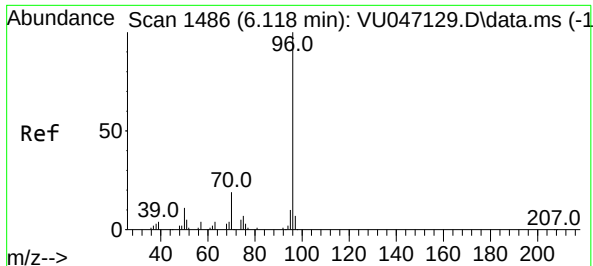
Manual Integrations
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021422DW.M
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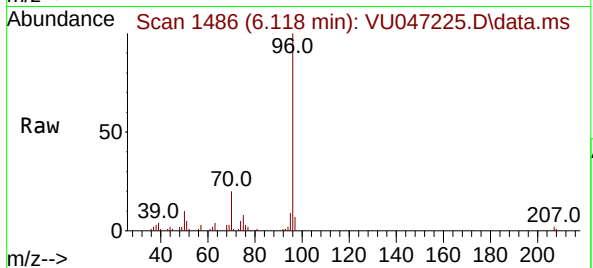
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.797	43	86311	8.378	ug/l	99
46) t-1,4-Dichloro-2-butene	10.841	75	9292m	2.072	ug/l	
47) Methyl methacrylate	6.964	69	27718	3.470	ug/l	96
48) Ethyl methacrylate	8.337	69	27018	1.668	ug/l	97
49) Toluene	7.970	92	63742	1.851	ug/l	99
50) t-1,3-Dichloropropene	8.215	75	34239	1.756	ug/l	96
51) cis-1,3-Dichloropropene	7.610	75	38295	1.752	ug/l	97
52) 1,1,2-Trichloroethane	8.404	97	20142	1.853	ug/l	99
53) 1,3-Dichloropropane	8.578	76	34557	1.780	ug/l	98
54) 2-Hexanone	8.687	43	62576	8.153	ug/l	99
55) Dibromochloromethane	8.813	129	22428	1.697	ug/l	100
56) 1,2-Dibromoethane	8.925	107	20199	1.839	ug/l	100
58) Tetrachloroethene	8.555	164	26364	1.933	ug/l	96
59) Chlorobenzene	9.449	112	71059	1.851	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.536	131	24538	1.860	ug/l	98
61) Pentachloroethane	11.430	117	19005	1.898	ug/l	89
62) Hexachloroethane	12.478	117	16422	1.519	ug/l #	76
63) Ethyl Benzene	9.571	91	122929	1.822	ug/l	98
64) m/p-Xylenes	9.697	106	92525	3.597	ug/l	97
65) o-Xylene	10.102	106	44643	1.792	ug/l	97
66) Styrene	10.115	104	73943	1.748	ug/l	98
67) Bromoform	10.295	173	12663	1.512	ug/l #	96
69) Isopropylbenzene	10.488	105	118845	1.774	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.784	83	25958	1.767	ug/l	99
71) 1,2,3-Trichloropropane	10.829	75	21212m	1.711	ug/l	
72) Bromobenzene	10.784	156	30744	1.879	ug/l	85
73) n-propylbenzene	10.909	120	33493	1.816	ug/l	87
74) 2-Chlorotoluene	10.989	126	28910	1.838	ug/l	83
75) 1,3,5-Trimethylbenzene	11.089	105	99345	1.808	ug/l	99
76) 4-Chlorotoluene	11.099	126	29917	1.811	ug/l	79
77) tert-Butylbenzene	11.423	119	99164	1.798	ug/l	95
78) 1,2,4-Trimethylbenzene	11.468	105	99869	1.781	ug/l	99
79) sec-Butylbenzene	11.645	105	131876	1.801	ug/l	98
80) Nitrobenzene	13.205	77	2215	3.122	ug/l #	99
81) p-Isopropyltoluene	11.793	119	109423	1.766	ug/l	96
82) 1,3-Dichlorobenzene	11.748	146	57998	1.820	ug/l	97
83) 1,4-Dichlorobenzene	11.838	146	58984	1.838	ug/l	97
84) n-Butylbenzene	12.211	91	103815	1.745	ug/l	97
85) 1,2-Dichlorobenzene	12.214	146	54846	1.788	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.999	75	4176	1.550	ug/l #	80
87) 1,2,4-Trichlorobenzene	13.841	180	42375	1.760	ug/l	97
88) Hexachlorobutadiene	14.021	225	21303	1.730	ug/l	99
89) Naphthalene	14.086	128	81999	1.663	ug/l	100
90) 1,2,3-Trichlorobenzene	14.330	180	39629	1.835	ug/l	98

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47

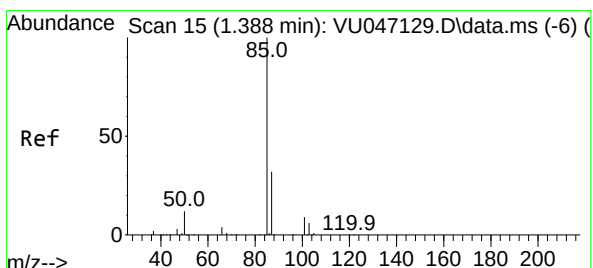
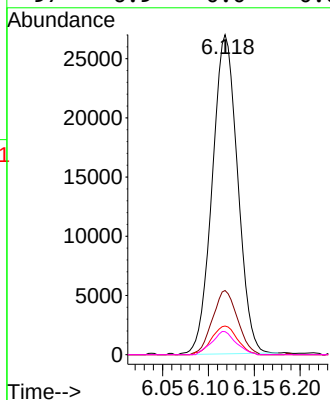
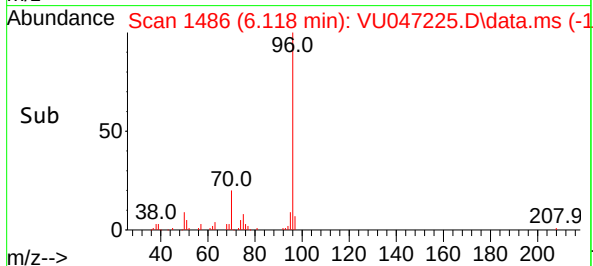
Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS01



Tgt Ion: 96 Resp: 51818
Ion Ratio Lower Upper
96 100
70 19.9 16.8 25.2
95 9.0 7.3 10.9
97 6.9 0.0 0.0#

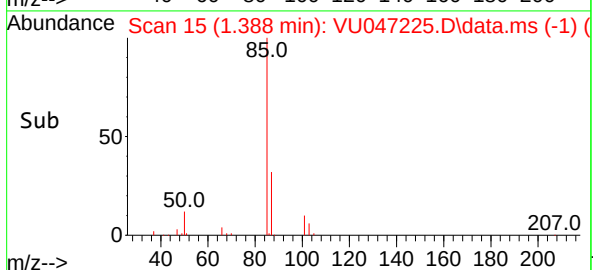
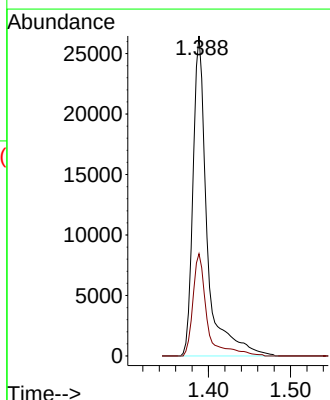
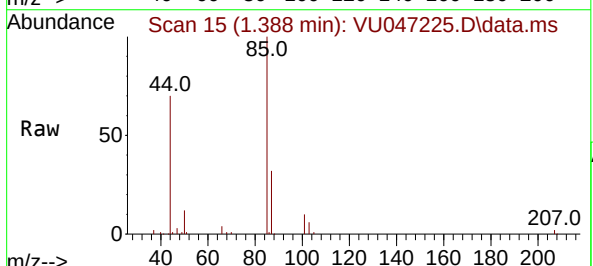
Manual Integrations
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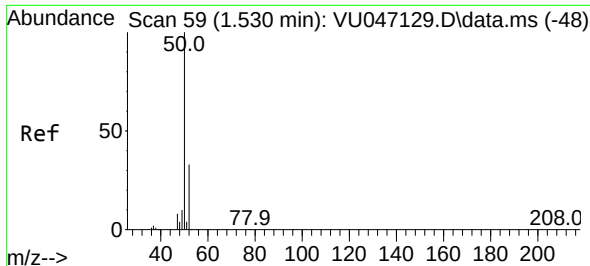
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#2
Dichlorodifluoromethane
Concen: 1.839 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47

Tgt Ion: 85 Resp: 31768
Ion Ratio Lower Upper
85 100
87 31.9 16.2 48.6





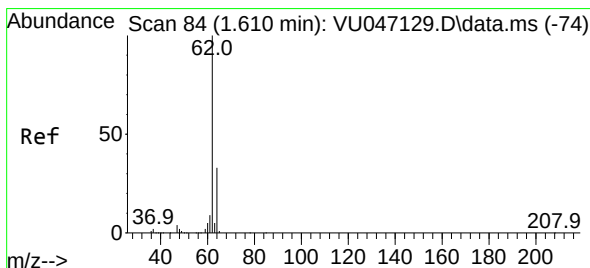
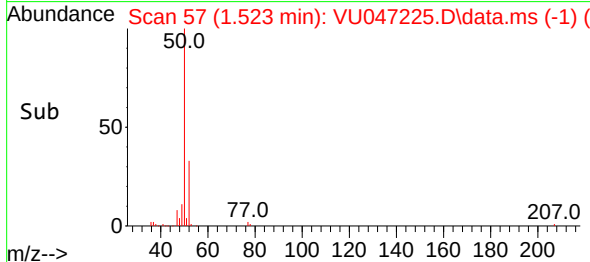
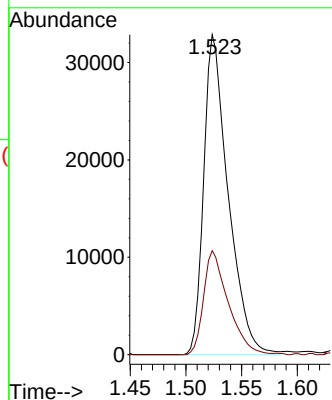
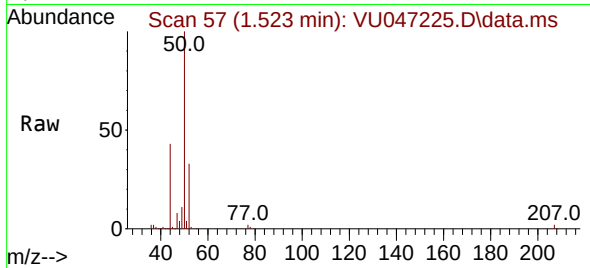
#3
Chloromethane
Concen: 2.835 ug/l
RT: 1.523 min Scan# 51
Delta R.T. -0.006 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47

Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS01

Tgt Ion: 50 Resp: 5030
Ion Ratio Lower Upper
50 100
52 32.5 26.2 39.4

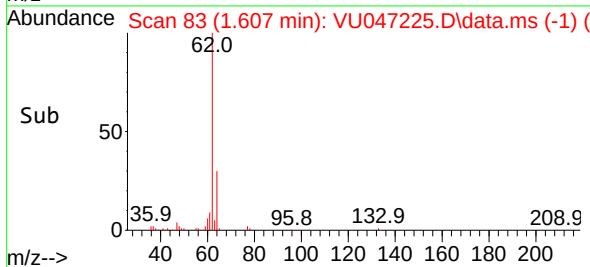
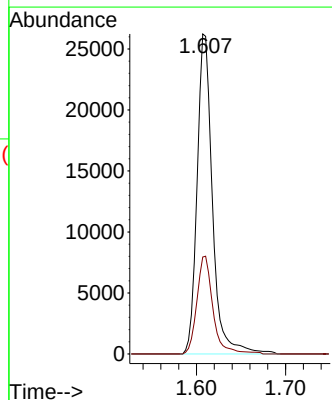
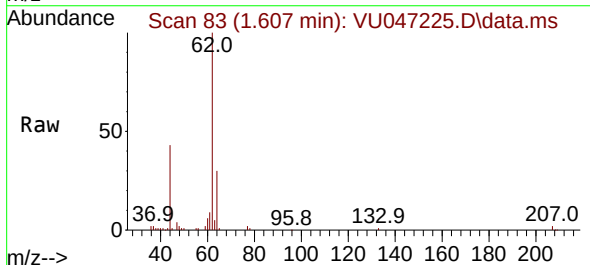
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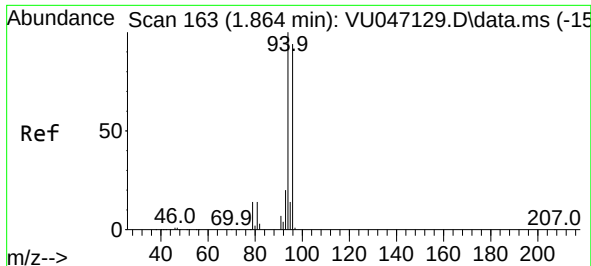
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#4
Vinyl Chloride
Concen: 1.800 ug/l
RT: 1.607 min Scan# 83
Delta R.T. -0.003 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47

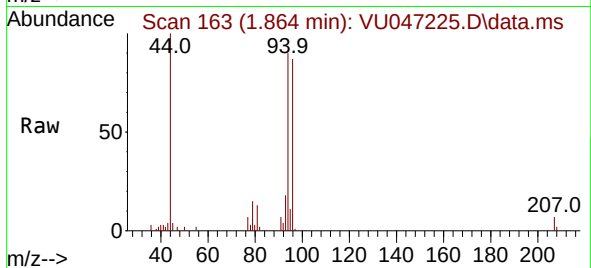
Tgt Ion: 62 Resp: 31528
Ion Ratio Lower Upper
62 100
64 30.3 26.0 39.0





#5
Bromomethane
Concen: 0.798 ug/l
RT: 1.864 min Scan# 163
Delta R.T. 0.000 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47

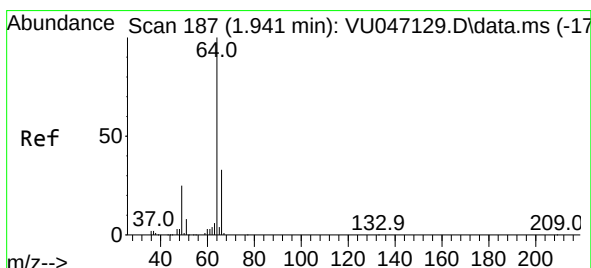
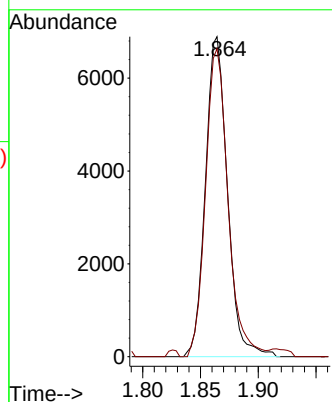
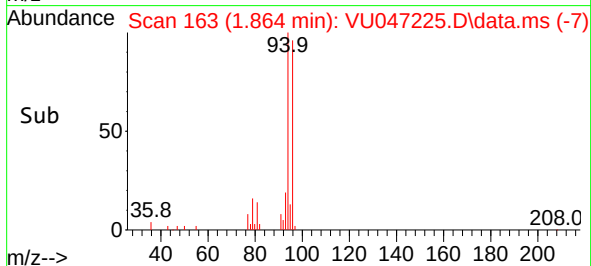
Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS01



Tgt Ion: 94 Resp: 9130
Ion Ratio Lower Upper
94 100
96 96.2 75.0 112.4

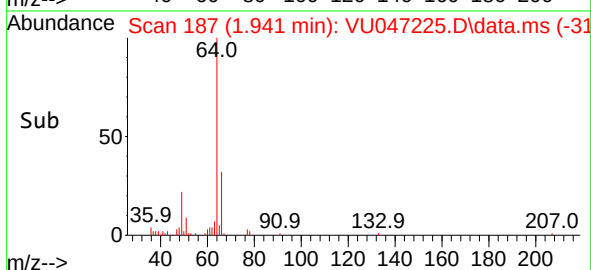
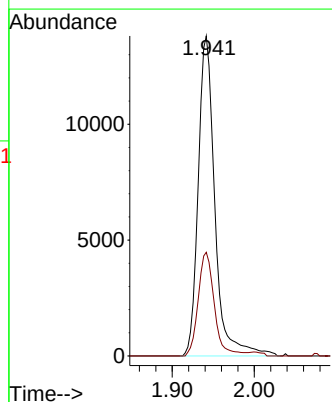
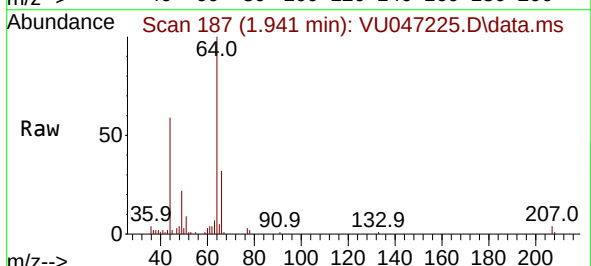
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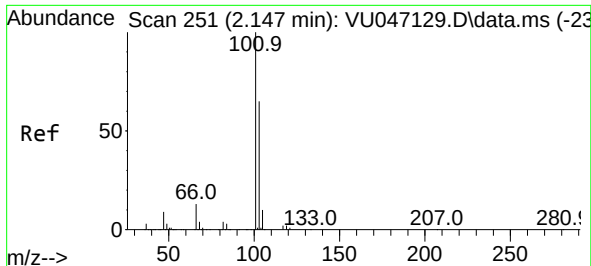
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#6
Chloroethane
Concen: 1.937 ug/l
RT: 1.941 min Scan# 187
Delta R.T. 0.000 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47

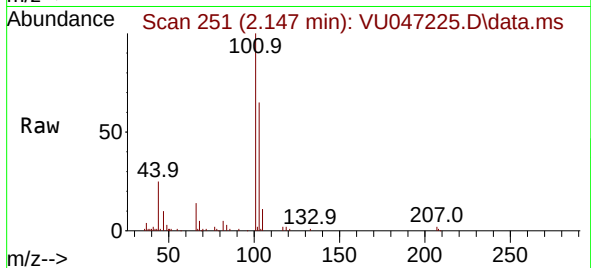
Tgt Ion: 64 Resp: 19495
Ion Ratio Lower Upper
64 100
66 32.4 25.8 38.8





#7
 Trichlorofluoromethane
 Concen: 1.862 ug/l
 RT: 2.147 min Scan# 251
 Delta R.T. 0.000 min
 Lab File: VU047225.D
 Acq: 21 Feb 2022 11:47

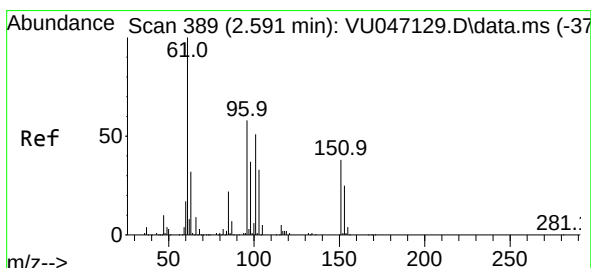
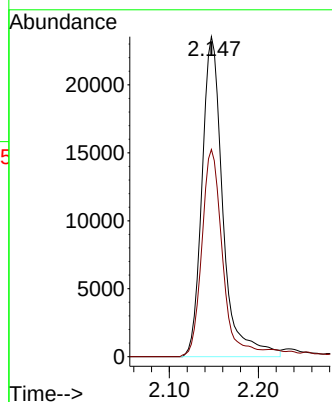
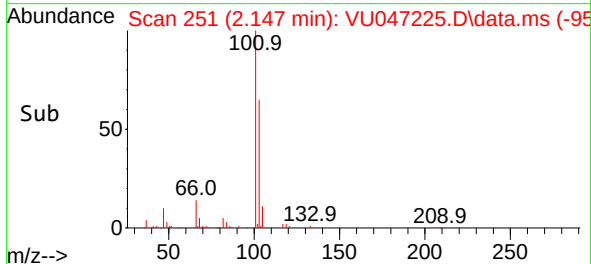
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0221WBS01



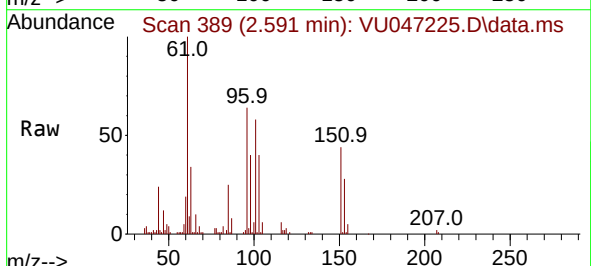
Tgt Ion:101 Resp: 38438
 Ion Ratio Lower Upper
 101 100
 103 64.8 52.2 78.2

Manual Integrations
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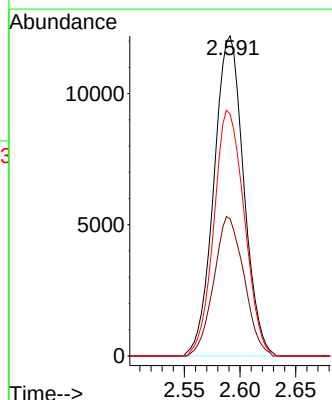
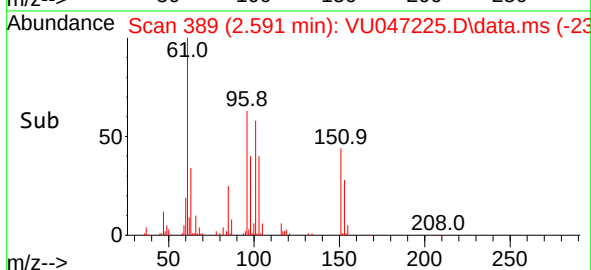
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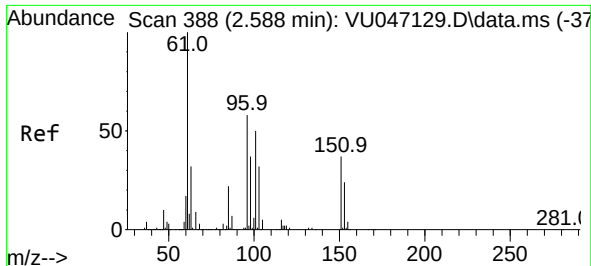


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.907 ug/l
 RT: 2.591 min Scan# 389
 Delta R.T. 0.000 min
 Lab File: VU047225.D
 Acq: 21 Feb 2022 11:47



Tgt Ion:101 Resp: 22689
 Ion Ratio Lower Upper
 101 100
 85 44.1 35.8 53.6
 151 78.4 54.6 81.8





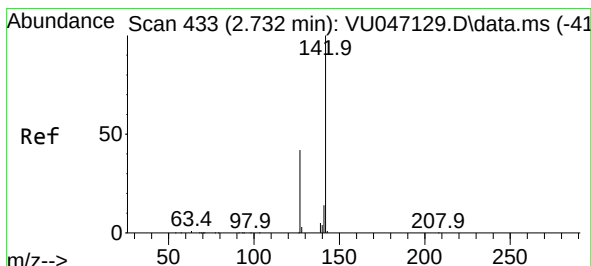
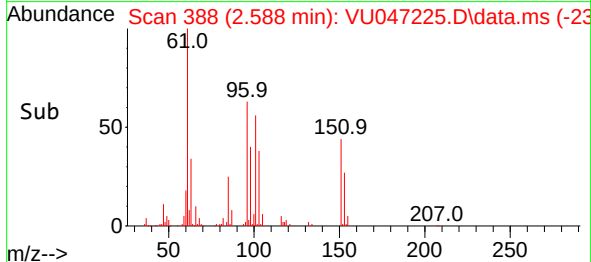
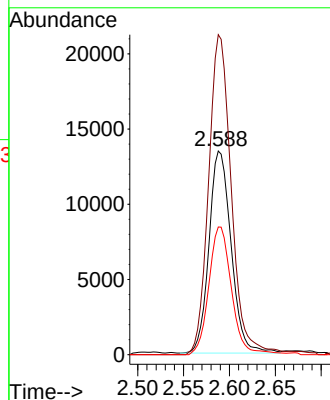
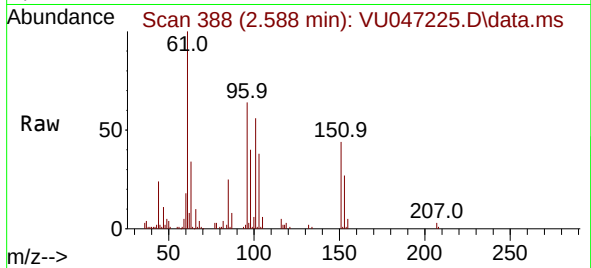
#9
1,1-Dichloroethene
Concen: 1.845 ug/l
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47

Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS01

Tgt Ion: 96 Resp: 22594
Ion Ratio Lower Upper
96 100
61 158.3 0.0 514.2
98 63.2 0.0 126.4

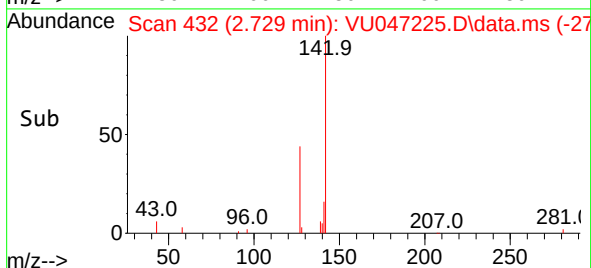
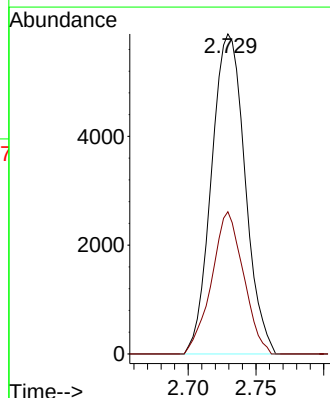
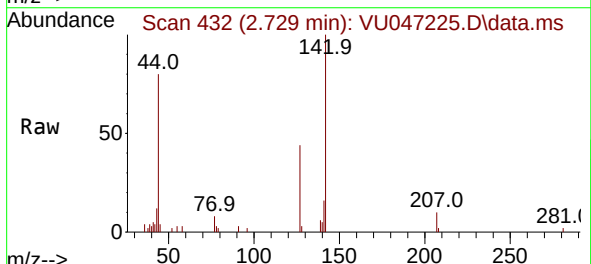
Manual Integrations
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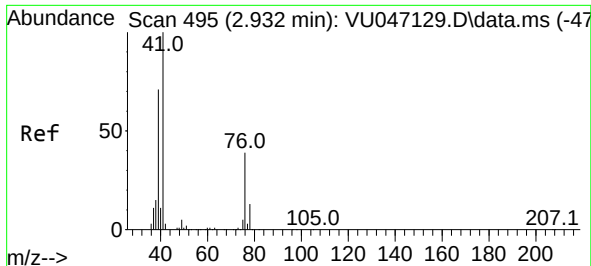
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#10
Iodomethane
Concen: 1.532 ug/l
RT: 2.729 min Scan# 432
Delta R.T. -0.003 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47

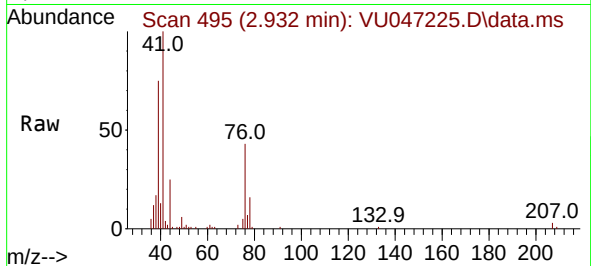
Tgt Ion:142 Resp: 10113
Ion Ratio Lower Upper
142 100
127 42.3 33.2 49.8





#11
 Allyl Chloride
 Concen: 1.696 ug/l
 RT: 2.932 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: VU047225.D
 Acq: 21 Feb 2022 11:47

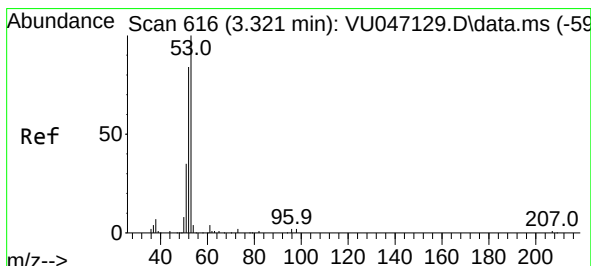
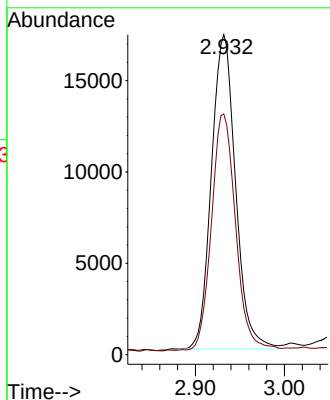
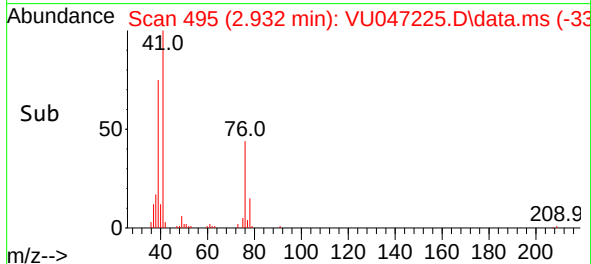
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0221WBS01



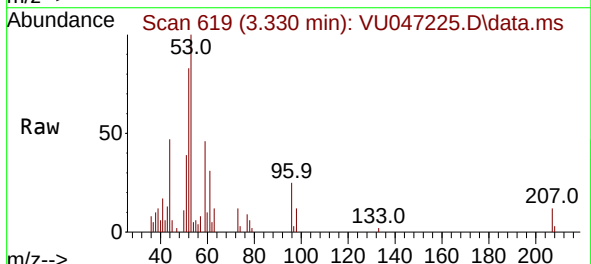
Tgt Ion: 41 Resp: 3237
 Ion Ratio Lower Upper
 41 100
 39 75.2 62.4 93.6

Manual Integrations
 APPROVED

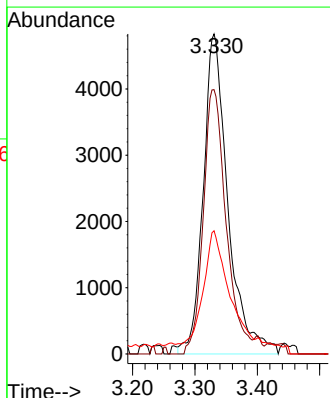
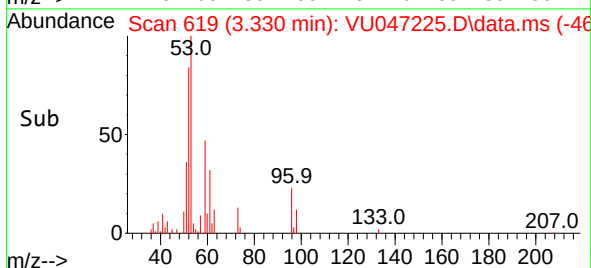
Reviewed By :John Carlone 02/22/2022
 Supervised By :Mahesh Dadoda 02/22/2022

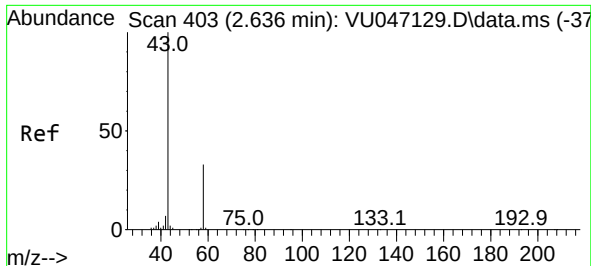


#12
 Acrylonitrile
 Concen: 3.697 ug/l
 RT: 3.330 min Scan# 619
 Delta R.T. 0.010 min
 Lab File: VU047225.D
 Acq: 21 Feb 2022 11:47



Tgt Ion: 53 Resp: 13291
 Ion Ratio Lower Upper
 53 100
 52 76.4 56.7 85.1
 51 34.4 30.3 45.5





#13

Acetone

Concen: 14.389 ug/l

RT: 2.655 min Scan# 409

Delta R.T. 0.019 min

Lab File: VU047225.D

Acq: 21 Feb 2022 11:47

Instrument :

MSVOA_U

ClientSampleId :

VU0221WBS01

Tgt Ion: 43 Resp: 24298

Ion Ratio Lower Upper

43 100

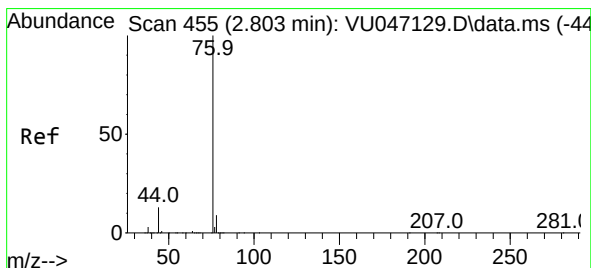
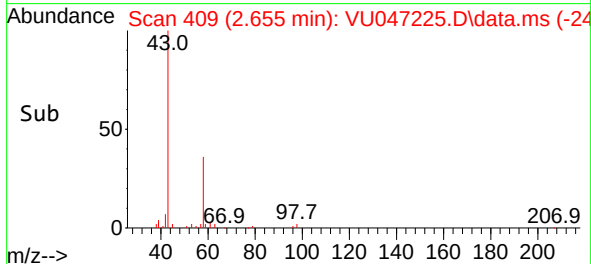
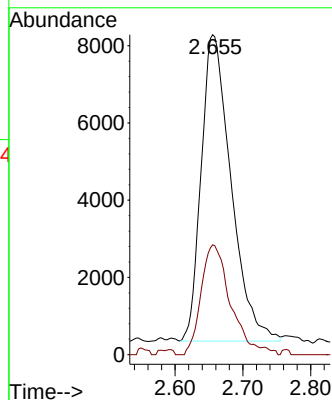
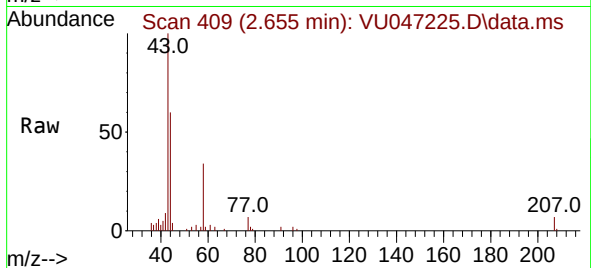
58 35.8 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#14

Carbon Disulfide

Concen: 1.793 ug/l

RT: 2.800 min Scan# 454

Delta R.T. -0.003 min

Lab File: VU047225.D

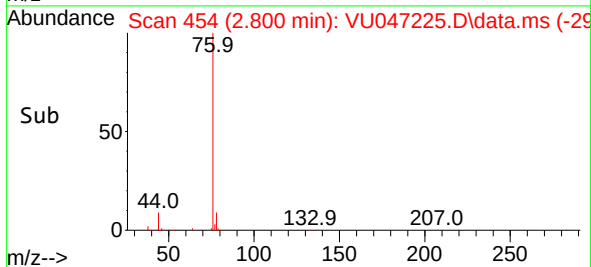
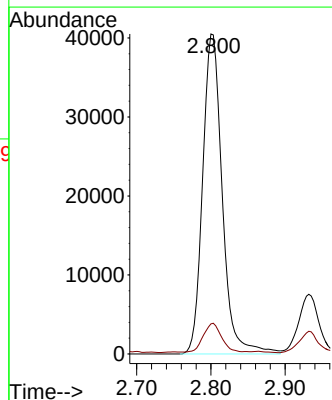
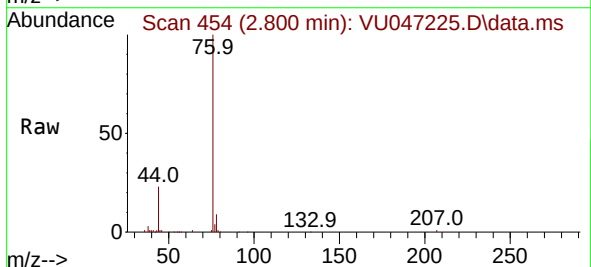
Acq: 21 Feb 2022 11:47

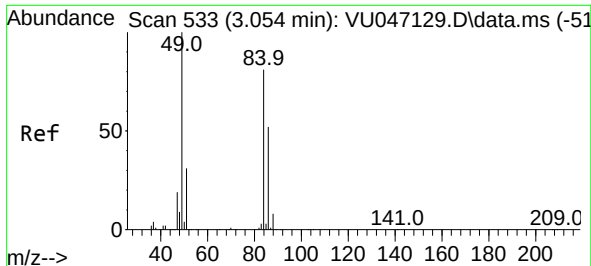
Tgt Ion: 76 Resp: 74292

Ion Ratio Lower Upper

76 100

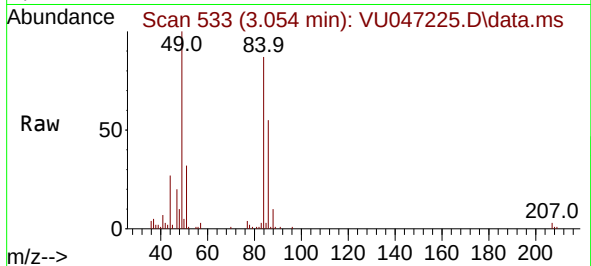
78 9.0 7.1 10.7





#15
Methylene Chloride
Concen: 2.102 ug/l
RT: 3.054 min Scan# 511
Delta R.T. 0.000 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47

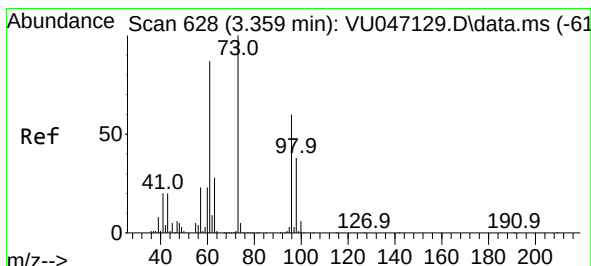
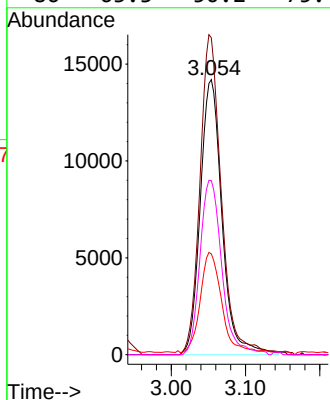
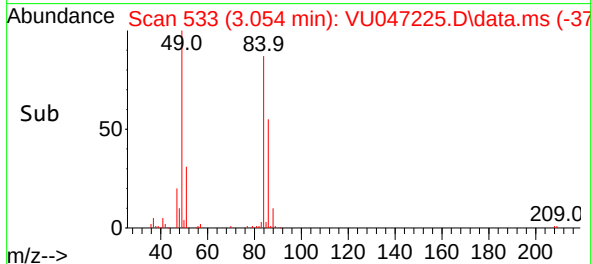
Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS01



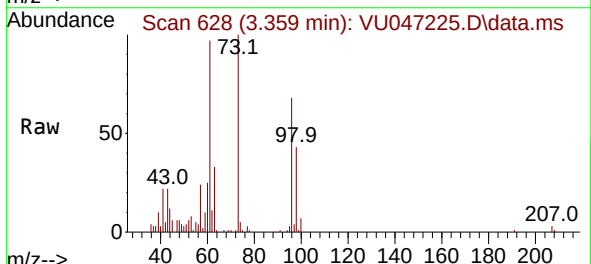
Tgt Ion: 84 Resp: 28910
Ion Ratio Lower Upper
84 100
49 115.2 97.2 145.8
51 35.6 0.0 73.4
86 63.3 50.2 75.4

Manual Integrations
APPROVED

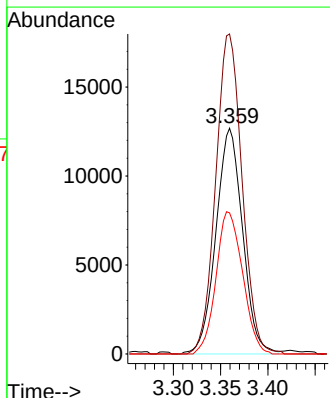
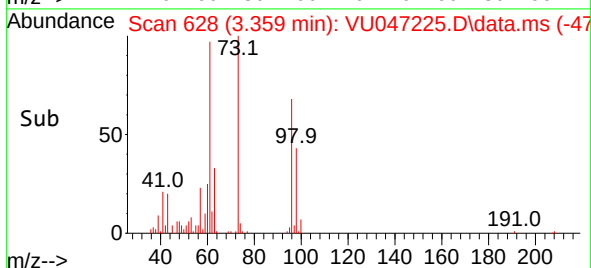
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

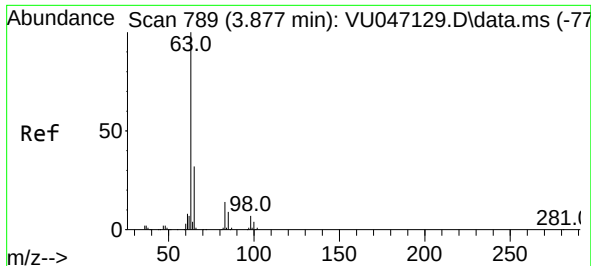


#16
trans-1,2-Dichloroethene
Concen: 1.925 ug/l
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47



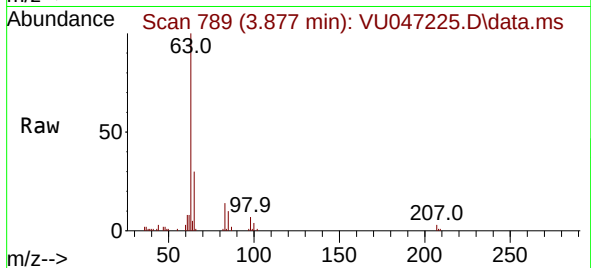
Tgt Ion: 96 Resp: 24888
Ion Ratio Lower Upper
96 100
61 141.8 115.8 173.6
98 62.5 51.1 76.7





#17
1,1-Dichloroethane
Concen: 1.814 ug/l
RT: 3.877 min Scan# 789
Delta R.T. 0.000 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47

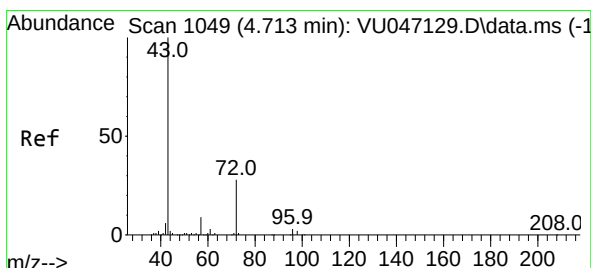
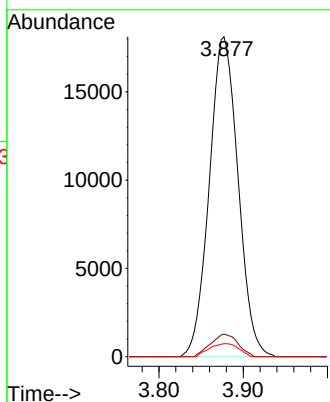
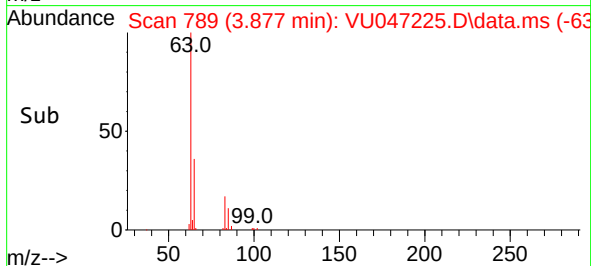
Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS01



Tgt Ion: 63 Resp: 4297
Ion Ratio Lower Upper
63 100
98 7.1 3.6 10.8
100 4.1 2.1 6.5

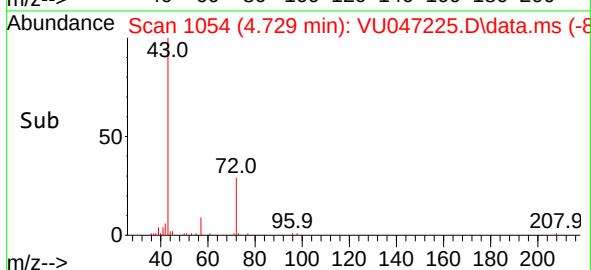
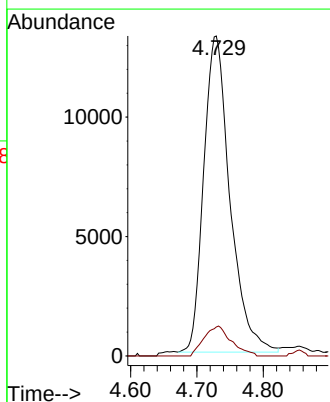
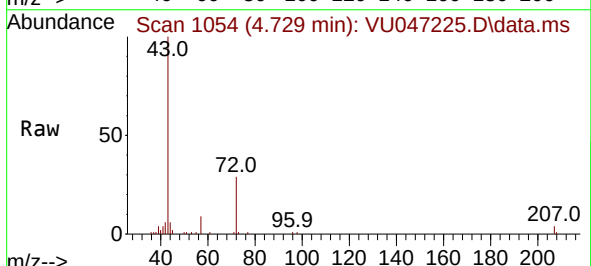
Manual Integrations
APPROVED

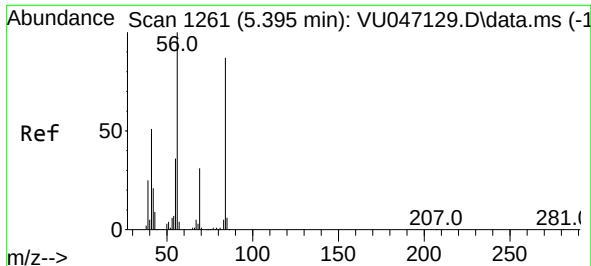
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#18
2-Butanone
Concen: 10.059 ug/l
RT: 4.729 min Scan# 1054
Delta R.T. 0.016 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47

Tgt Ion: 43 Resp: 36432
Ion Ratio Lower Upper
43 100
57 9.2 0.0 16.6





#19

Cyclohexane

Concen: 1.758 ug/l m

RT: 5.391 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU047225.D

Acq: 21 Feb 2022 11:47

Instrument :

MSVOA_U

ClientSampleId :

VU0221WBS01

Tgt Ion: 56 Resp: 3856

Ion Ratio Lower Upper

56 100

69 32.0 24.7 37.1

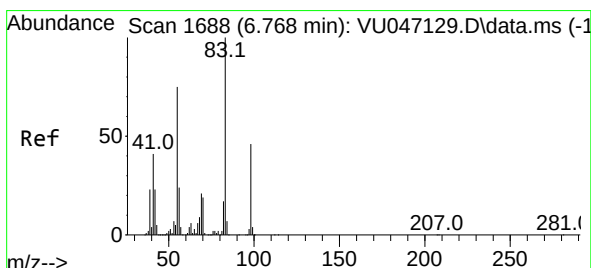
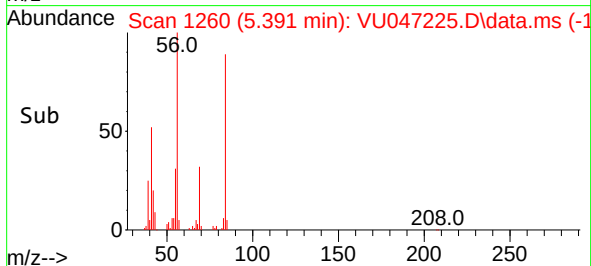
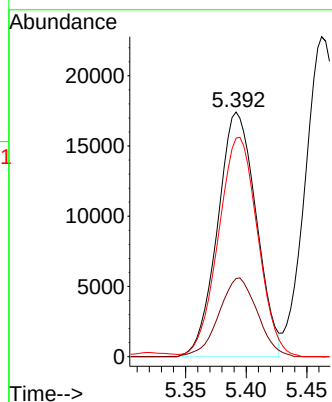
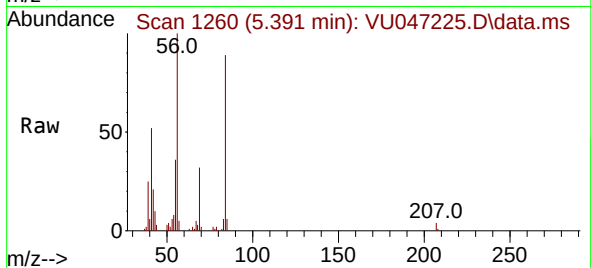
84 89.9 68.8 103.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#20

Methylcyclohexane

Concen: 1.793 ug/l

RT: 6.764 min Scan# 1687

Delta R.T. -0.003 min

Lab File: VU047225.D

Acq: 21 Feb 2022 11:47

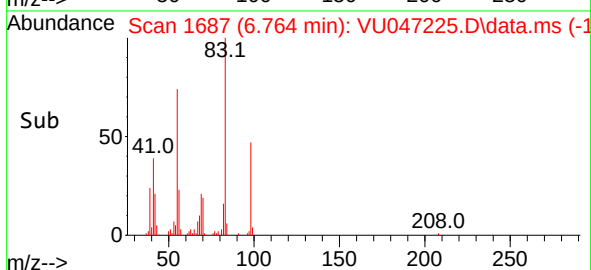
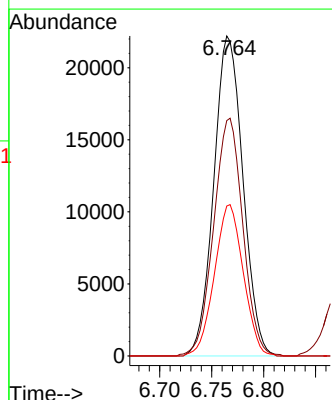
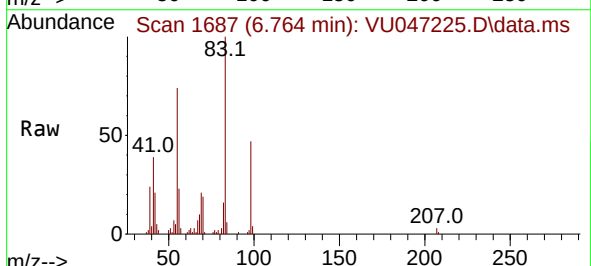
Tgt Ion: 83 Resp: 43361

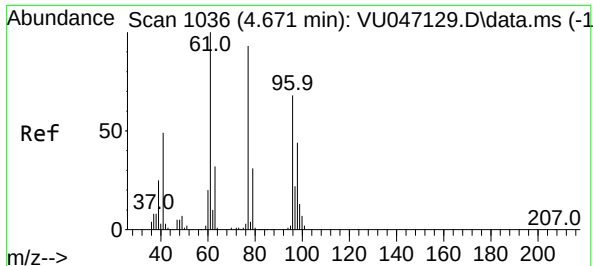
Ion Ratio Lower Upper

83 100

55 74.4 61.9 92.9

98 46.7 37.4 56.2





#21

2,2-Dichloropropane

Concen: 1.872 ug/l

RT: 4.674 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VU047225.D

Acq: 21 Feb 2022 11:47

Instrument :

MSVOA_U

ClientSampleId :

VU0221WBS01

Tgt Ion: 77 Resp: 3962

Ion Ratio Lower Upper

77 100

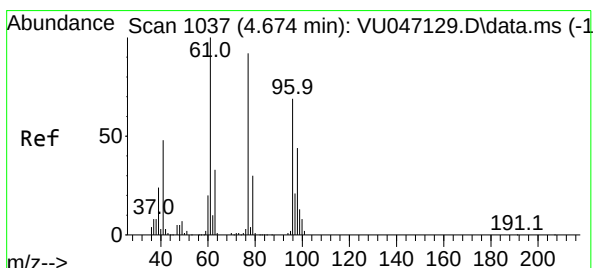
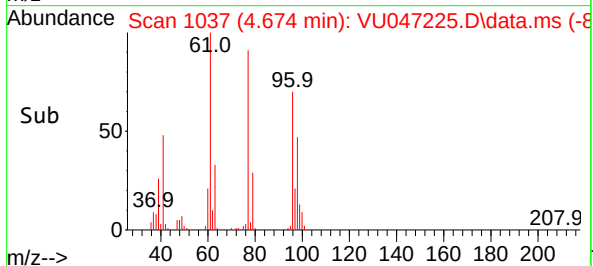
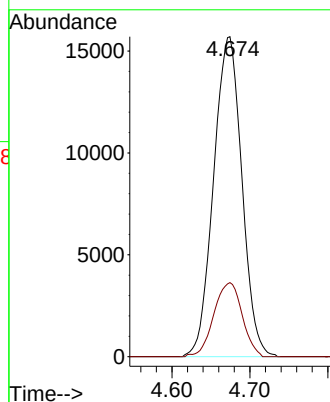
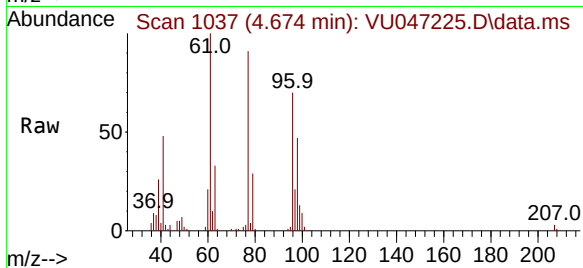
97 23.2 17.2 25.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#22

cis-1,2-Dichloroethene

Concen: 1.873 ug/l

RT: 4.674 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VU047225.D

Acq: 21 Feb 2022 11:47

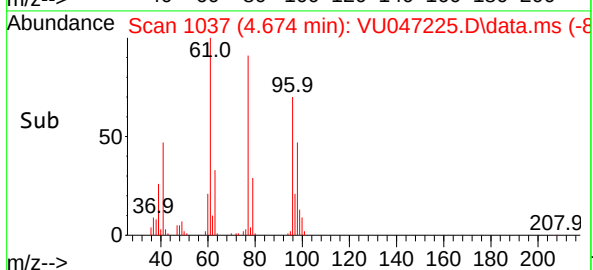
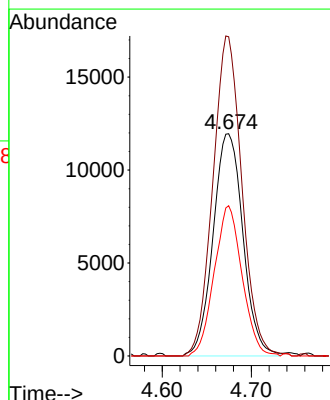
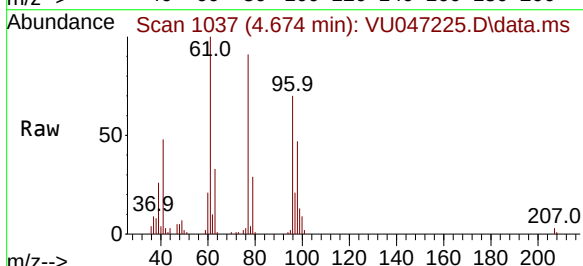
Tgt Ion: 96 Resp: 27839

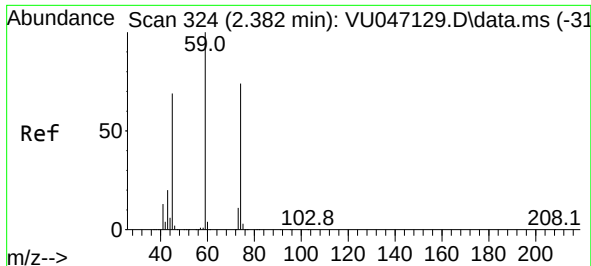
Ion Ratio Lower Upper

96 100

61 139.7 0.0 385.3

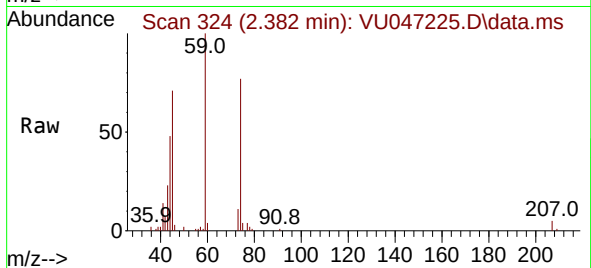
98 63.1 32.1 96.3





#23
Diethyl Ether
Concen: 1.808 ug/l
RT: 2.382 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47

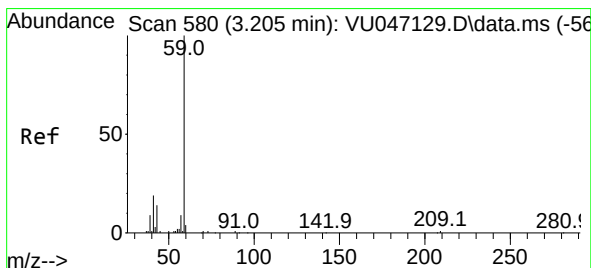
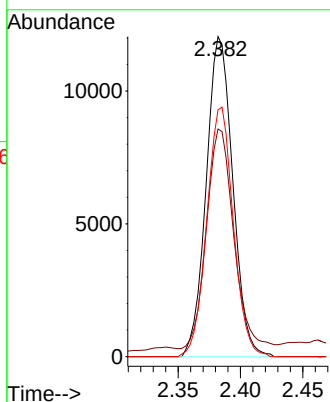
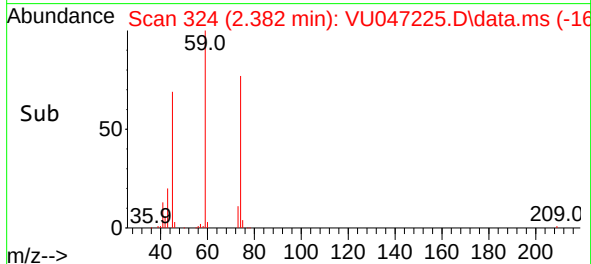
Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS01



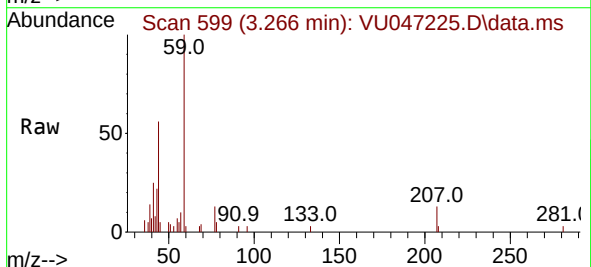
Tgt Ion: 59 Resp: 1789
Ion Ratio Lower Upper
59 100
45 70.3 55.6 83.4
74 78.0 58.1 87.1

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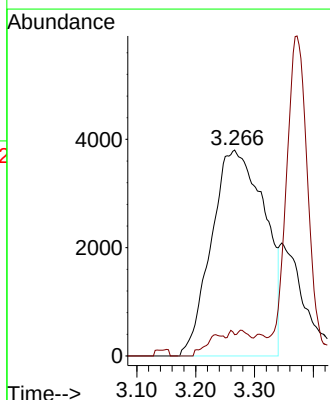
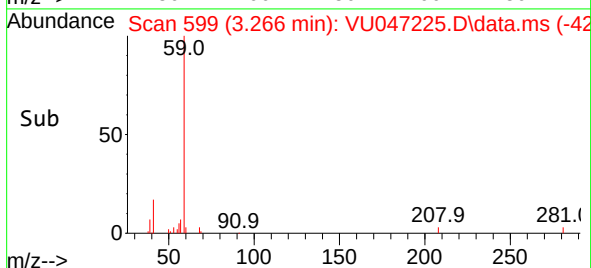
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

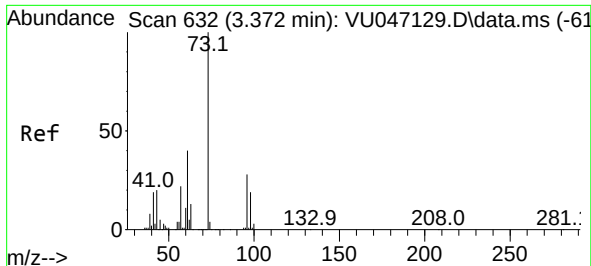


#24
tert-Butyl Alcohol
Concen: 37.147 ug/l
RT: 3.266 min Scan# 599
Delta R.T. 0.061 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47



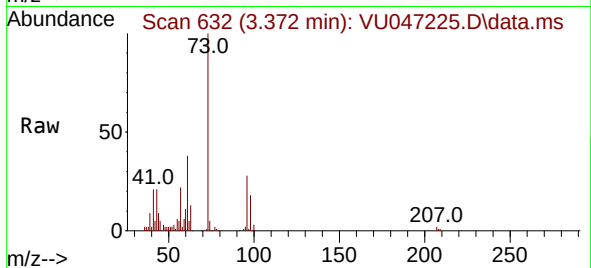
Tgt Ion: 59 Resp: 23915
Ion Ratio Lower Upper
59 100
57 3.6 6.5 9.7#





#25
Methyl tert-Butyl Ether
Concen: 1.814 ug/l
RT: 3.372 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47

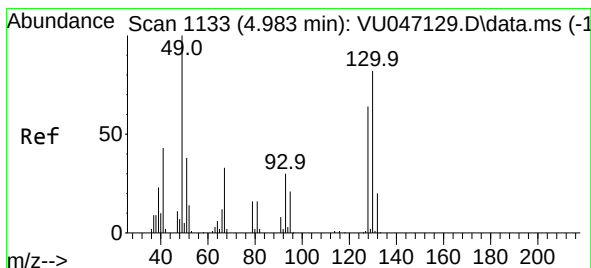
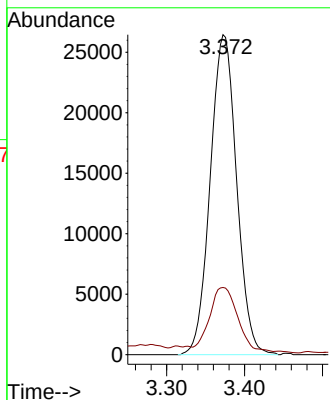
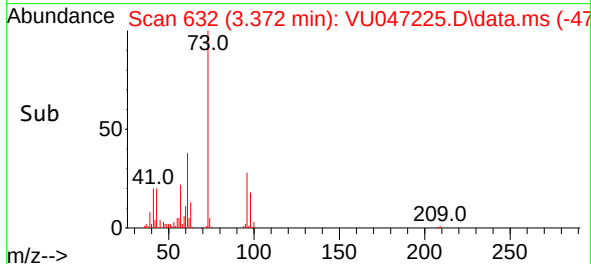
Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS01



Tgt Ion: 73 Resp: 6229
Ion Ratio Lower Upper
73 100
43 21.0 16.3 24.5

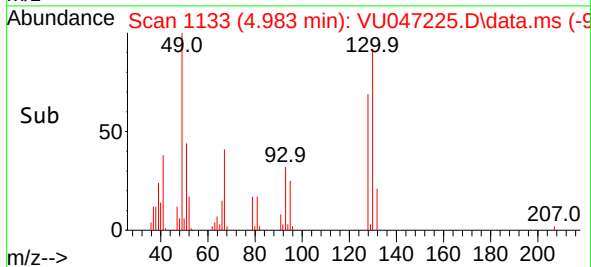
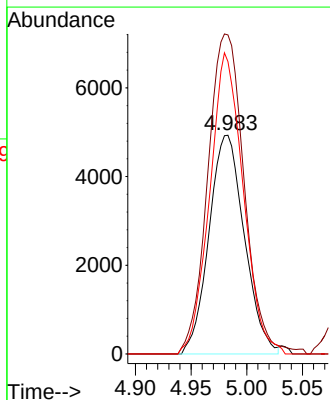
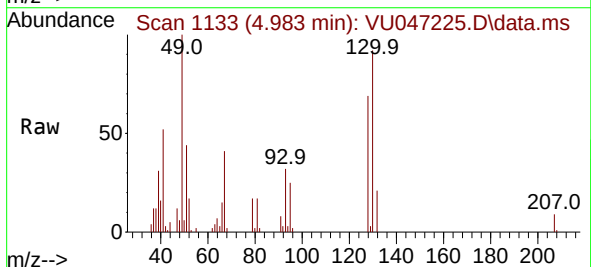
Manual Integrations
APPROVED

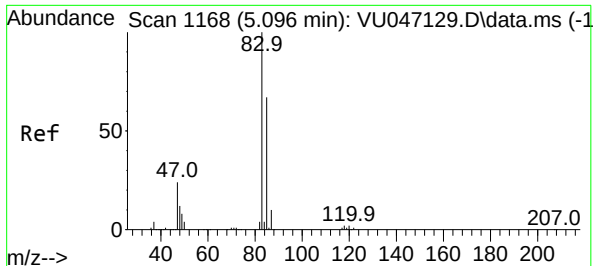
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#26
Bromochloromethane
Concen: 1.627 ug/l
RT: 4.983 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47

Tgt Ion:128 Resp: 10880
Ion Ratio Lower Upper
128 100
49 151.1 0.0 347.4
130 130.7 101.5 152.3





#27

Chloroform

Concen: 1.890 ug/l

RT: 5.096 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VU047225.D

Acq: 21 Feb 2022 11:47

Instrument :

MSVOA_U

ClientSampleId :

VU0221WBS01

Tgt Ion: 83 Resp: 45410

Ion Ratio Lower Upper

83 100

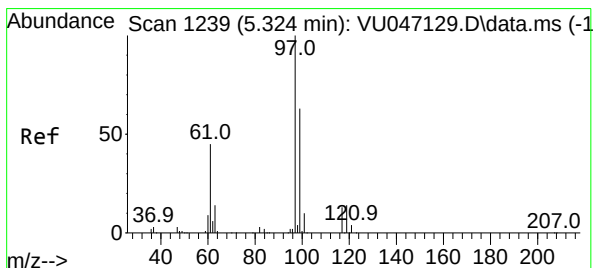
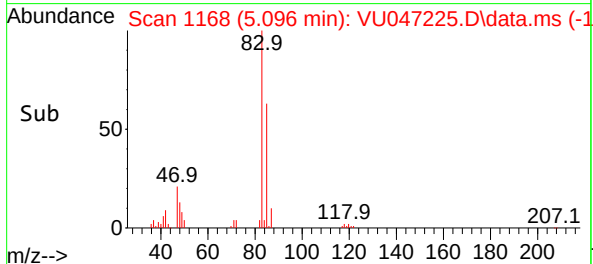
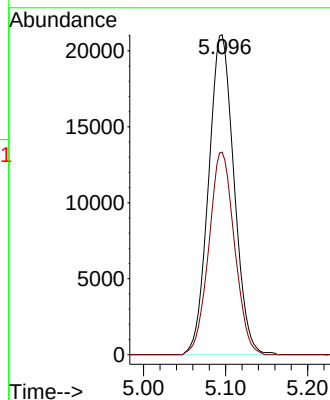
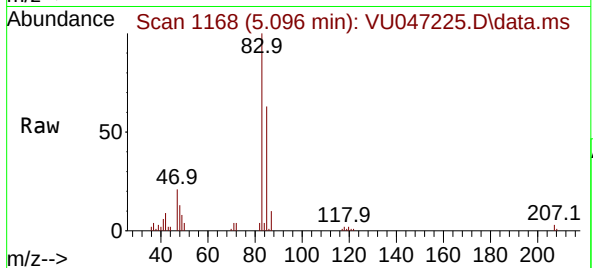
85 63.3 0.0 129.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#28

1,1,1-Trichloroethane

Concen: 1.875 ug/l

RT: 5.321 min Scan# 1238

Delta R.T. -0.003 min

Lab File: VU047225.D

Acq: 21 Feb 2022 11:47

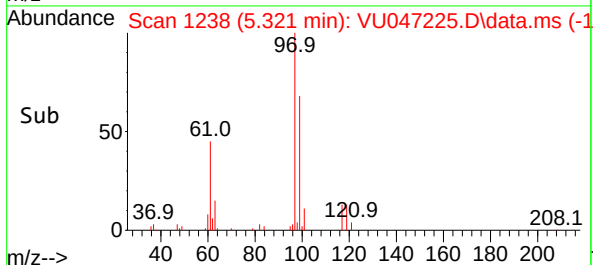
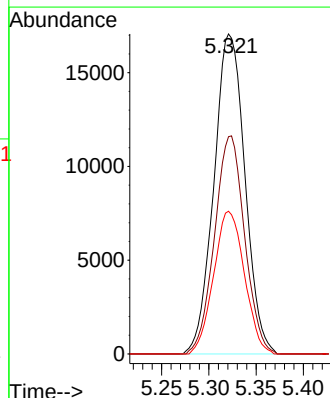
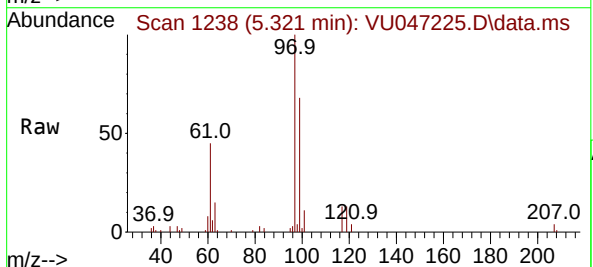
Tgt Ion: 97 Resp: 39012

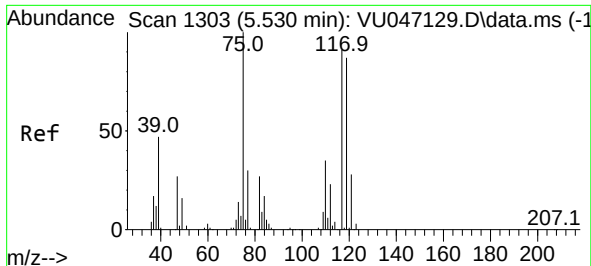
Ion Ratio Lower Upper

97 100

99 66.0 32.2 96.6

61 44.2 24.5 73.5





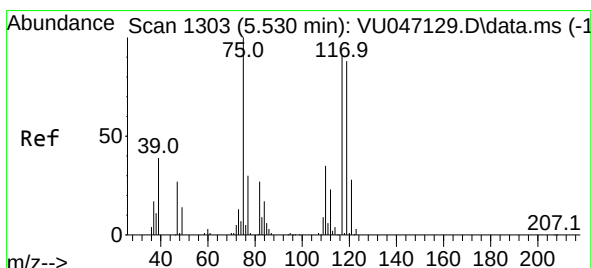
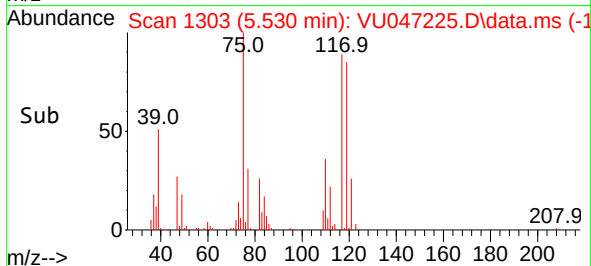
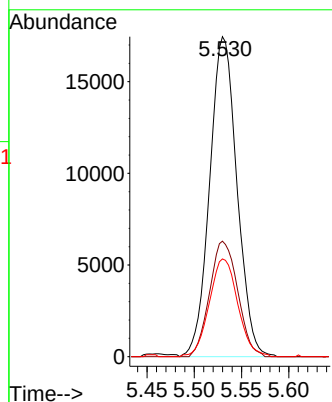
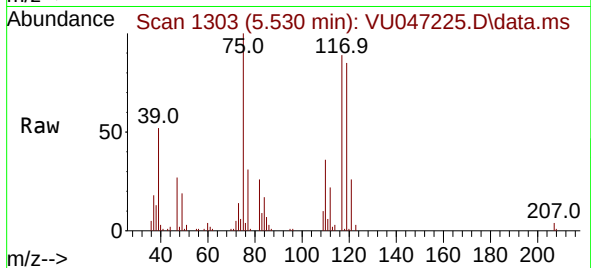
#29
1,1-Dichloropropene
Concen: 1.840 ug/l
RT: 5.530 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47

Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS01

Tgt Ion: 75 Resp: 35040
Ion Ratio Lower Upper
75 100
110 37.1 16.8 50.3
77 31.8 24.7 37.1

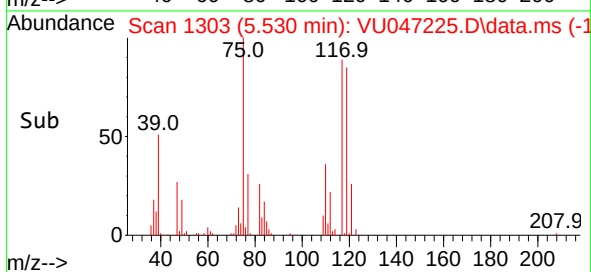
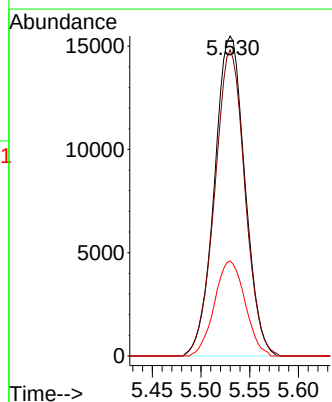
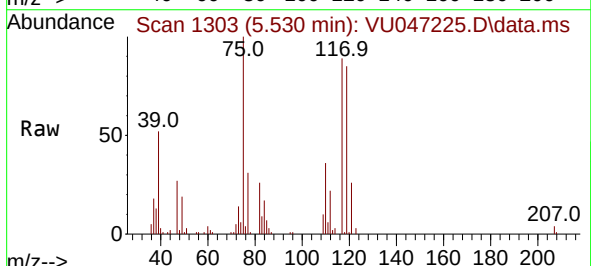
Manual Integrations
APPROVED

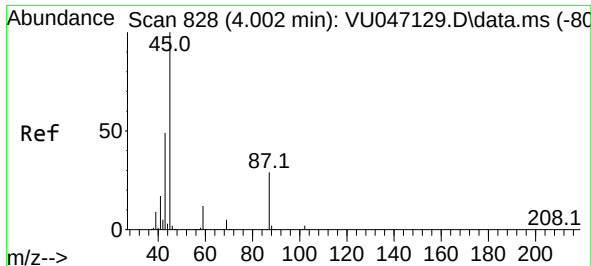
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#30
Carbon Tetrachloride
Concen: 1.837 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47

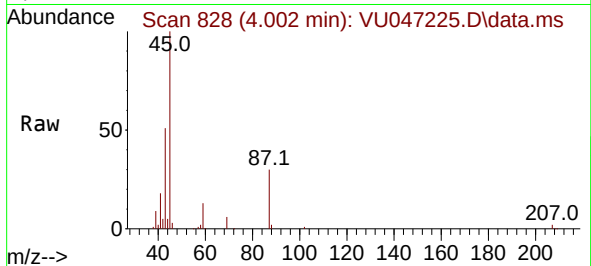
Tgt Ion:117 Resp: 33604
Ion Ratio Lower Upper
117 100
119 95.6 76.8 115.2
121 29.7 24.6 37.0





#31
Isopropyl Ether
Concen: 1.808 ug/l
RT: 4.002 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47

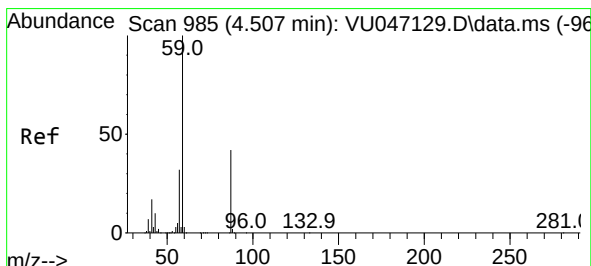
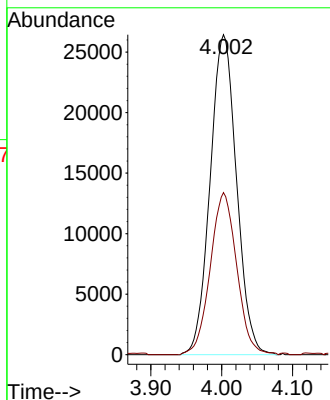
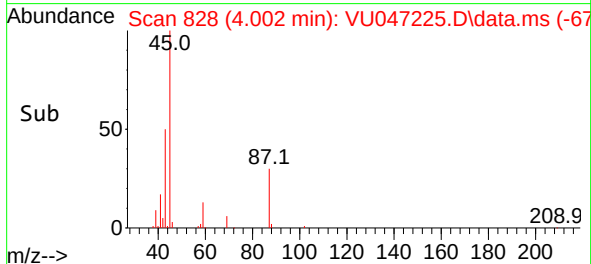
Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS01



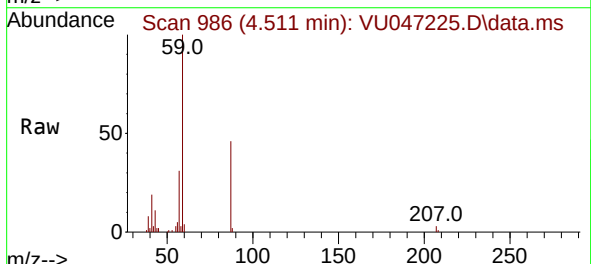
Tgt Ion: 45 Resp: 68480
Ion Ratio Lower Upper
45 100
43 50.7 25.3 75.8

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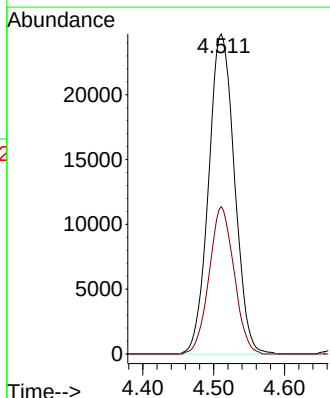
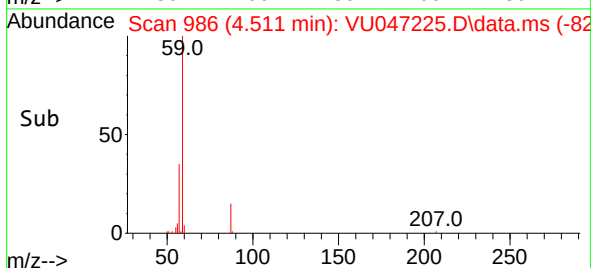
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

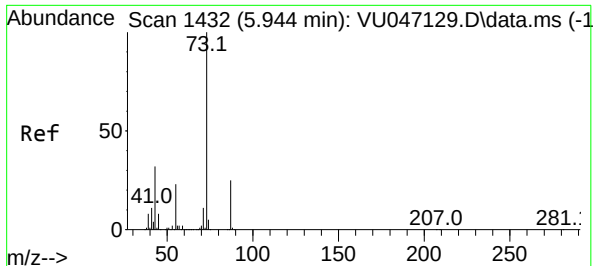


#32
Ethyl-t-butyl ether
Concen: 1.628 ug/l
RT: 4.511 min Scan# 986
Delta R.T. 0.003 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47



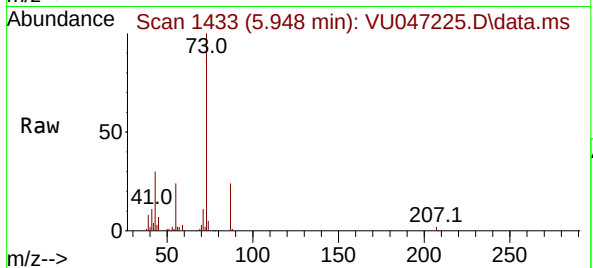
Tgt Ion: 59 Resp: 62687
Ion Ratio Lower Upper
59 100
87 44.2 32.7 49.1





#33
Tert-Amyl methyl ether
Concen: 1.474 ug/l
RT: 5.948 min Scan# 1432
Delta R.T. 0.003 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47

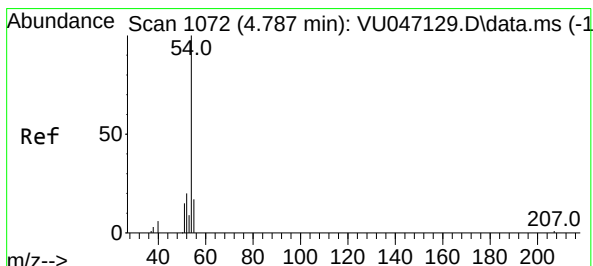
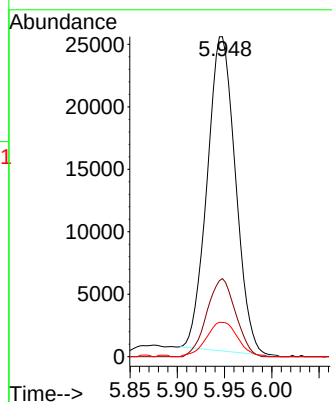
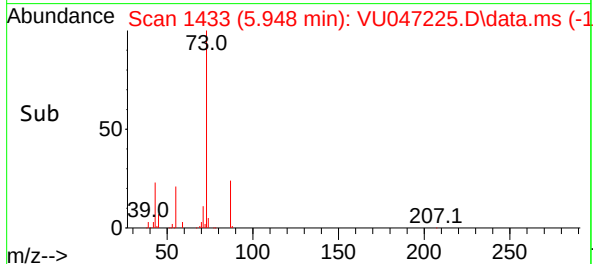
Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS01



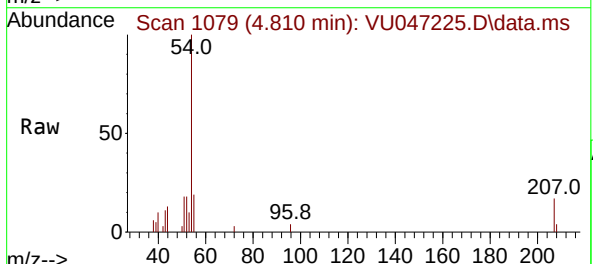
Tgt Ion: 73 Resp: 5228
Ion Ratio Lower Upper
73 100
87 25.2 18.6 28.0
71 12.2 9.0 13.6

Manual Integrations
APPROVED

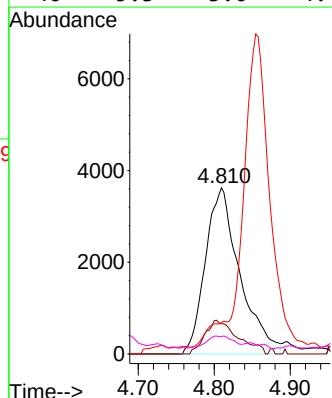
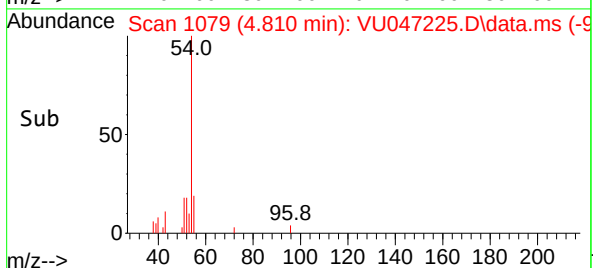
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

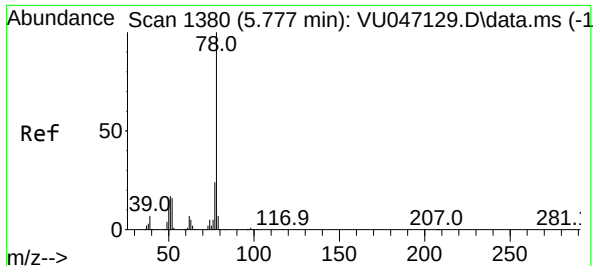


#34
Propionitrile
Concen: 13.118 ug/l
RT: 4.810 min Scan# 1079
Delta R.T. 0.023 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47



Tgt Ion: 54 Resp: 11377
Ion Ratio Lower Upper
54 100
52 19.3 11.9 17.9#
55 145.2 8.0 12.0#
40 5.3 3.0 4.4#





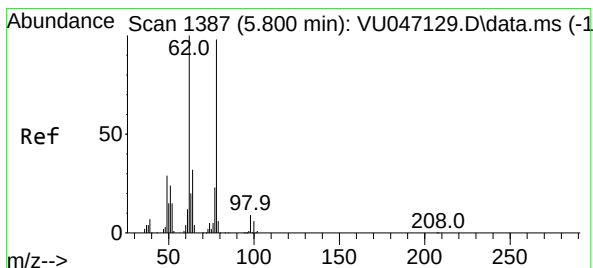
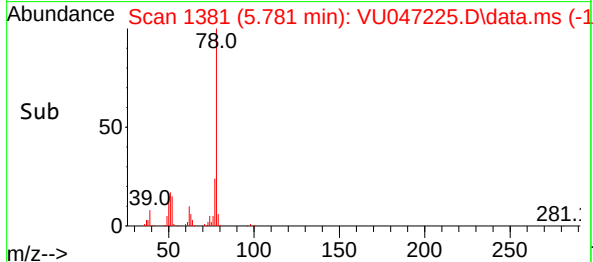
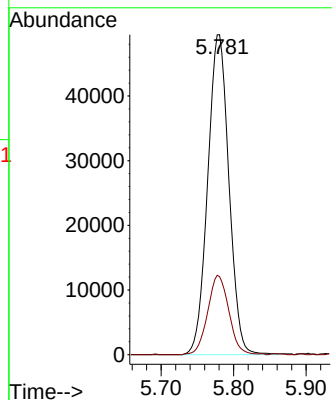
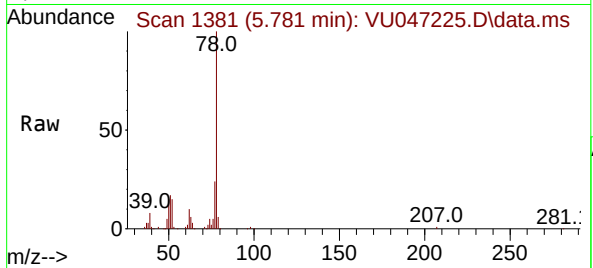
#35
Benzene
Concen: 1.886 ug/l
RT: 5.781 min Scan# 1380
Delta R.T. 0.003 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47

Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS01

Tgt Ion: 78 Resp: 100638
Ion Ratio Lower Upper
78 100
77 24.4 19.1 28.7

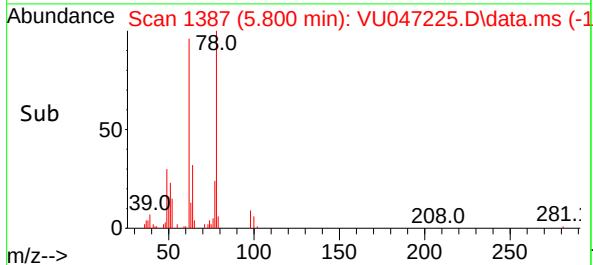
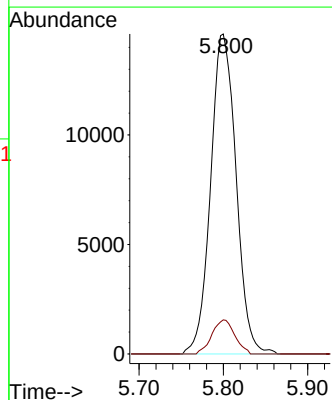
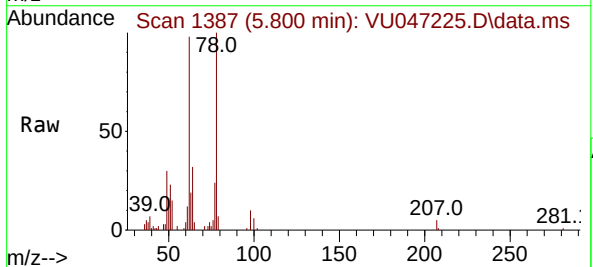
Manual Integrations
APPROVED

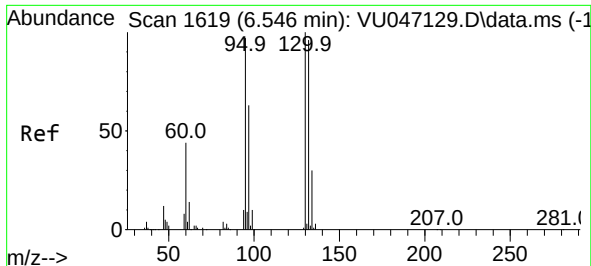
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#36
1,2-Dichloroethane
Concen: 1.897 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47

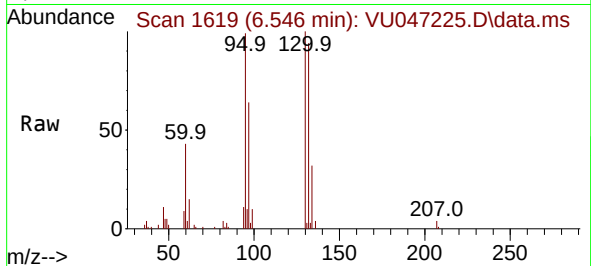
Tgt Ion: 62 Resp: 30650
Ion Ratio Lower Upper
62 100
98 9.6 7.3 10.9





#37
Trichloroethene
Concen: 1.915 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47

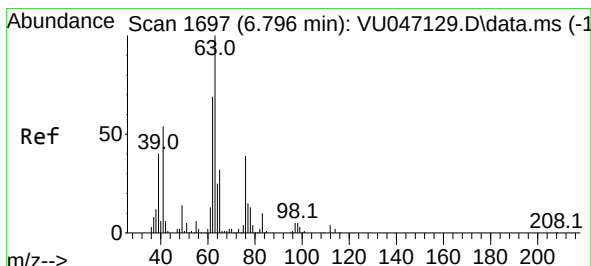
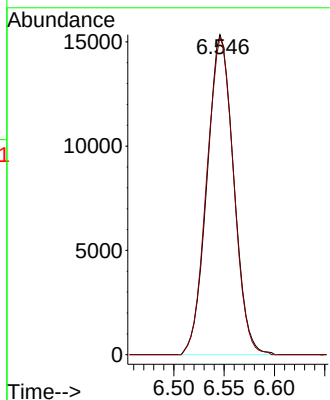
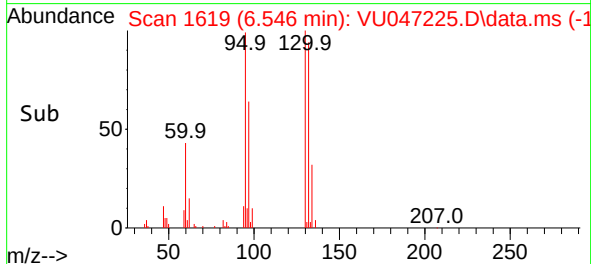
Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS01



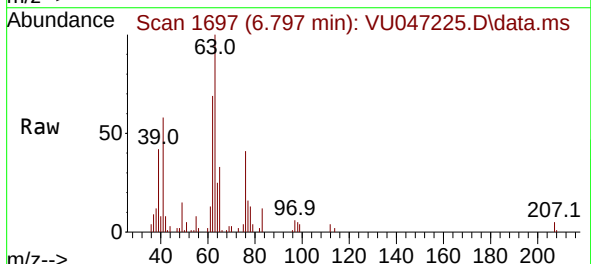
Tgt Ion:130 Resp: 28300
Ion Ratio Lower Upper
130 100
95 99.1 83.8 125.8

Manual Integrations
APPROVED

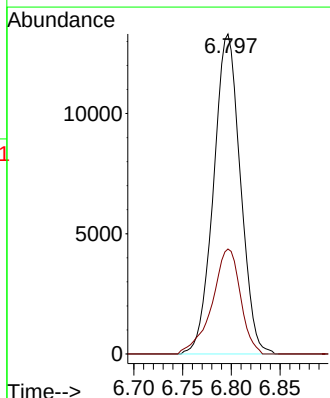
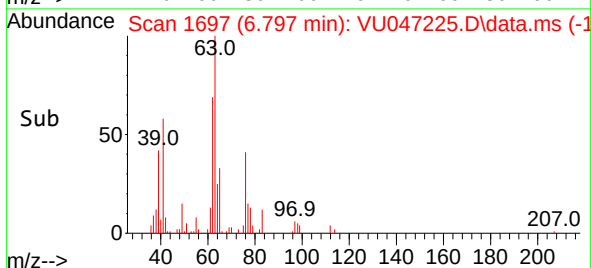
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

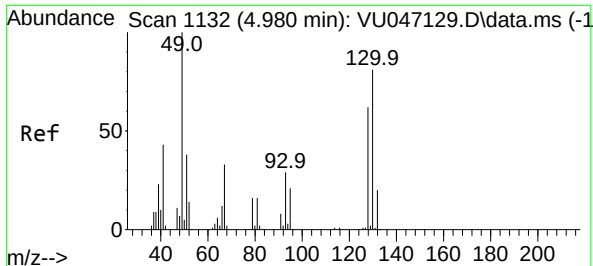


#38
1,2-Dichloropropane
Concen: 1.801 ug/l
RT: 6.797 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47



Tgt Ion: 63 Resp: 25440
Ion Ratio Lower Upper
63 100
65 32.8 24.7 37.1





#39

Methacrylonitrile

Concen: 1.733 ug/l

RT: 4.986 min Scan# 1132

Delta R.T. 0.007 min

Lab File: VU047225.D

Acq: 21 Feb 2022 11:47

Instrument :

MSVOA_U

ClientSampleId :

VU0221WBS01

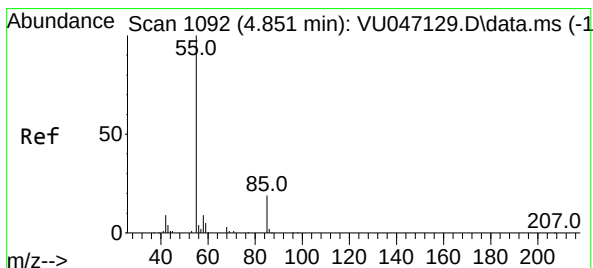
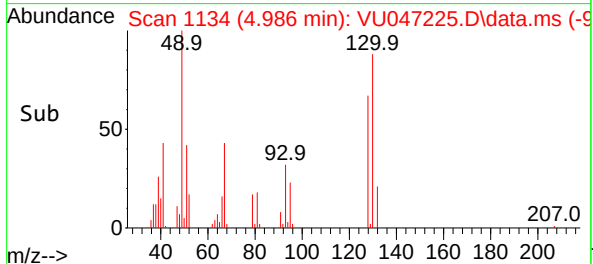
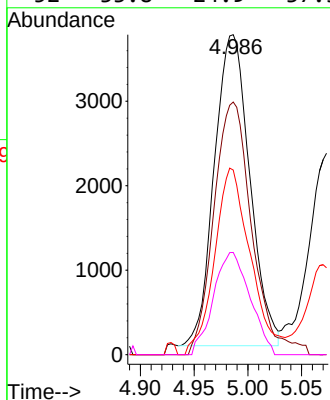
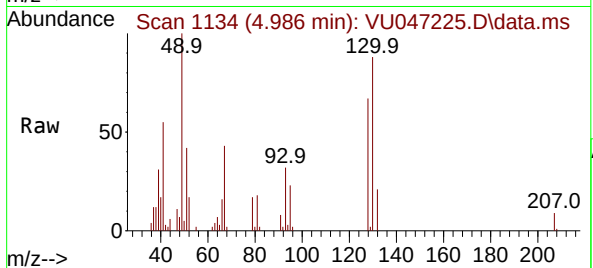
Tgt Ion:	41	Resp:	8430
Ion Ratio	Lower	Upper	
41	100		
67	87.1	65.2	97.8
39	61.0	43.0	64.6
52	33.8	24.9	37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#40

Methyl acrylate

Concen: 2.008 ug/l

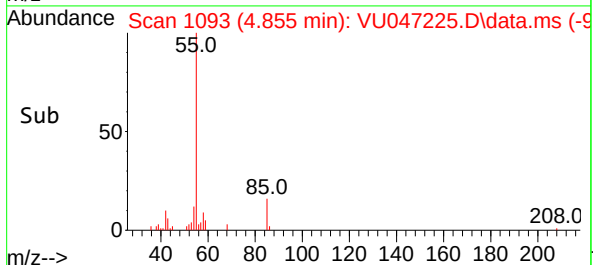
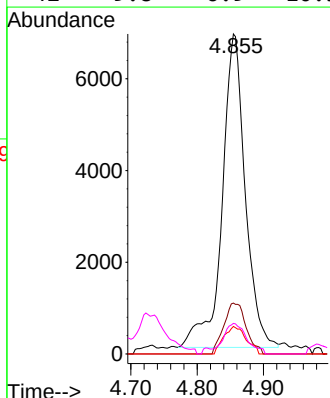
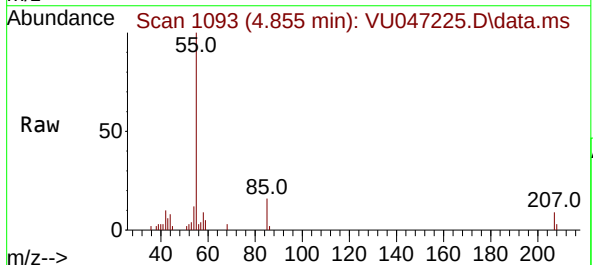
RT: 4.855 min Scan# 1093

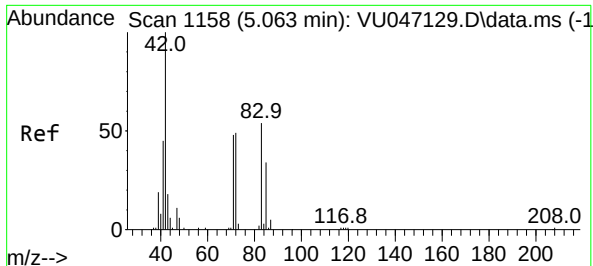
Delta R.T. 0.003 min

Lab File: VU047225.D

Acq: 21 Feb 2022 11:47

Tgt Ion:	55	Resp:	16522
Ion Ratio	Lower	Upper	
55	100		
85	15.7	12.2	18.2
58	8.5	6.7	10.1
42	9.8	6.9	10.3





#41

Tetrahydrofuran

Concen: 4.194 ug/l

RT: 5.073 min Scan# 1161

Delta R.T. 0.010 min

Lab File: VU047225.D

Acq: 21 Feb 2022 11:47

Instrument :

MSVOA_U

ClientSampleId :

VU0221WBS01

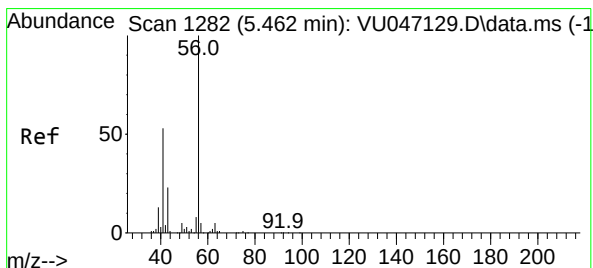
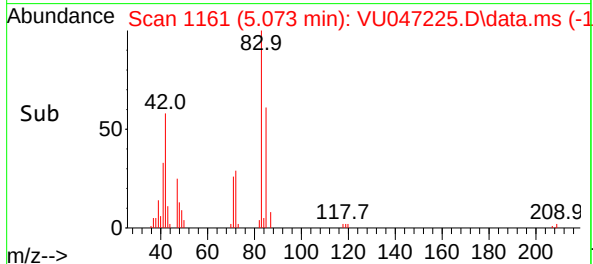
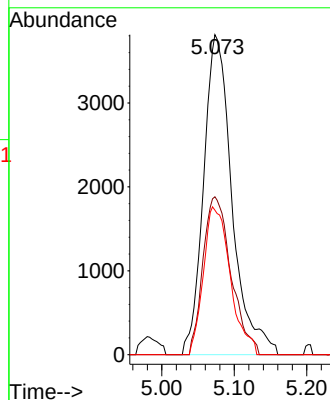
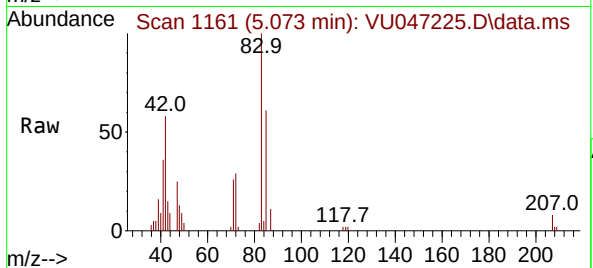
Tgt Ion:	42	Resp:	1040
Ion Ratio	Lower	Upper	
42	100		
72	48.8	42.4	63.6
71	43.7	36.4	54.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#42

1-Chlorobutane

Concen: 1.838 ug/l

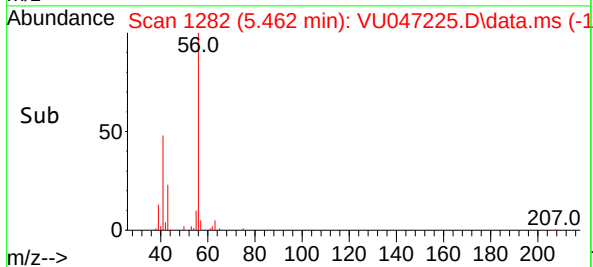
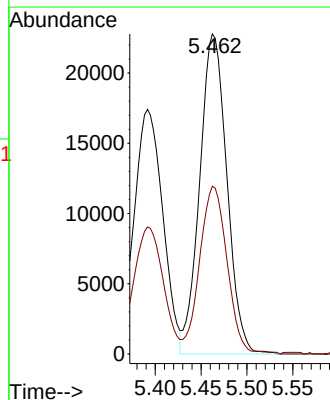
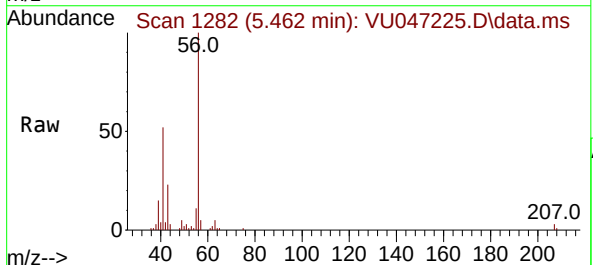
RT: 5.462 min Scan# 1282

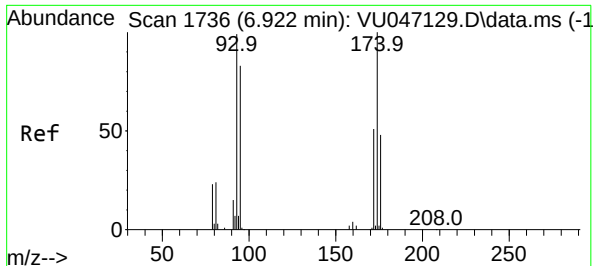
Delta R.T. 0.000 min

Lab File: VU047225.D

Acq: 21 Feb 2022 11:47

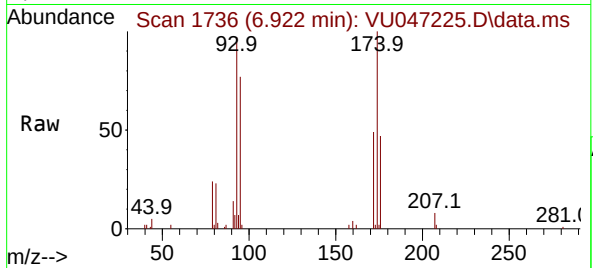
Tgt Ion:	56	Resp:	47003
Ion Ratio	Lower	Upper	
56	100		
41	52.7	26.0	78.0





#43
Dibromomethane
Concen: 1.889 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47

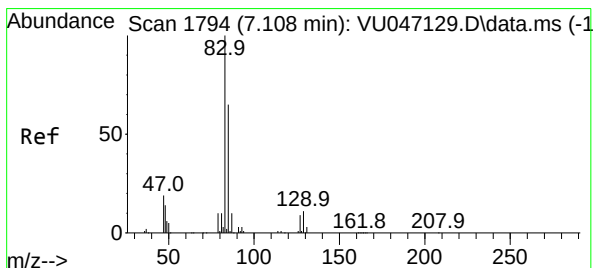
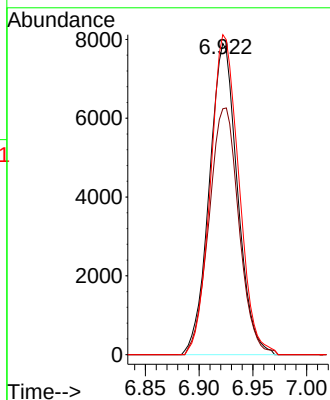
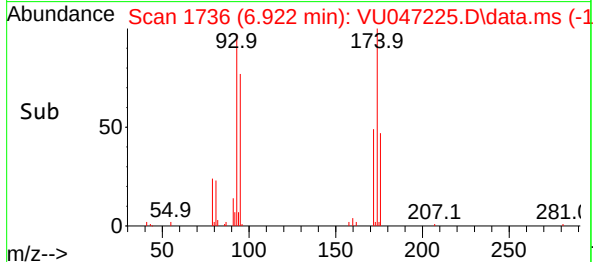
Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS01



Tgt Ion: 93 Resp: 14389
Ion Ratio Lower Upper
93 100
95 83.8 66.2 99.2
174 103.5 70.7 106.1

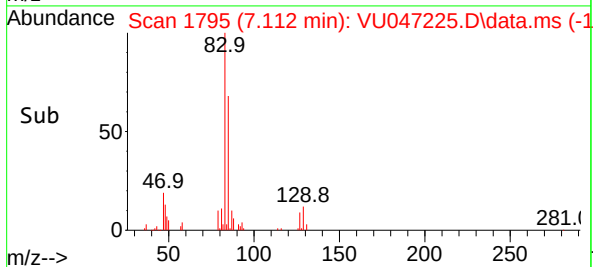
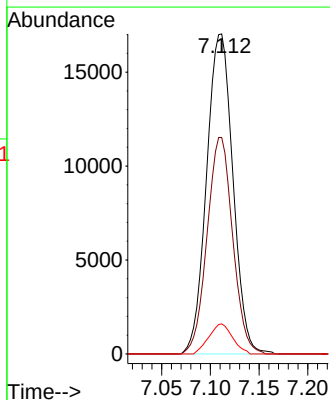
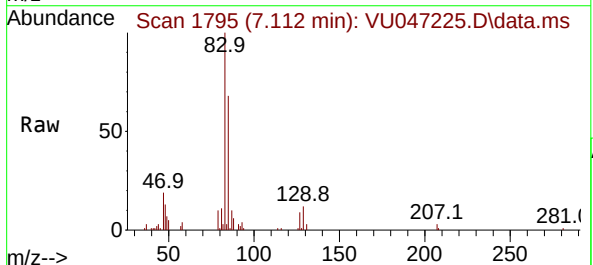
Manual Integrations
APPROVED

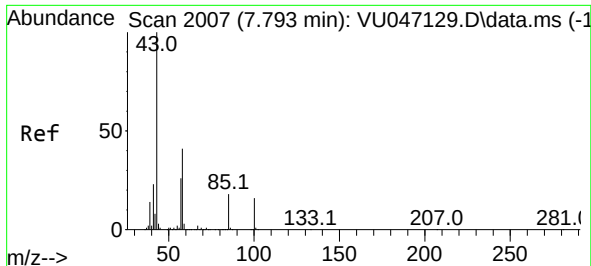
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#44
Bromodichloromethane
Concen: 1.778 ug/l
RT: 7.112 min Scan# 1795
Delta R.T. 0.003 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47

Tgt Ion: 83 Resp: 32034
Ion Ratio Lower Upper
83 100
85 67.6 50.9 76.3
127 9.4 6.0 9.0#





#45

4-Methyl-2-Pentanone

Concen: 8.378 ug/l

RT: 7.797 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU047225.D

Acq: 21 Feb 2022 11:47

Instrument :

MSVOA_U

ClientSampleId :

VU0221WBS01

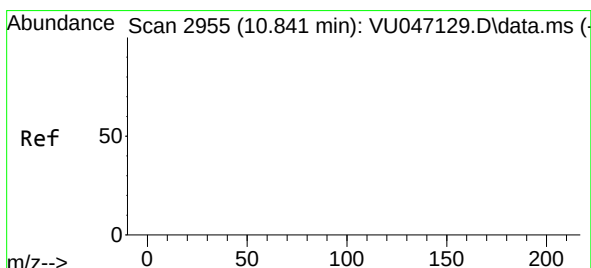
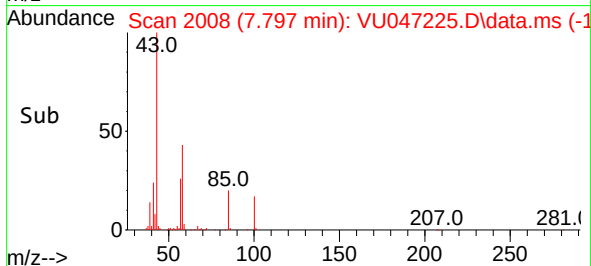
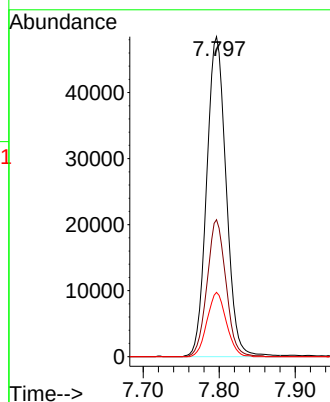
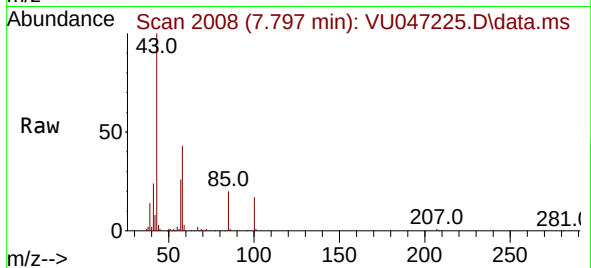
Tgt Ion: 43	Resp: 8631
Ion Ratio	Lower Upper
43 100	
58 41.5	21.0 63.0
85 19.9	14.8 22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#46

t-1,4-Dichloro-2-butene

Concen: 2.072 ug/l m

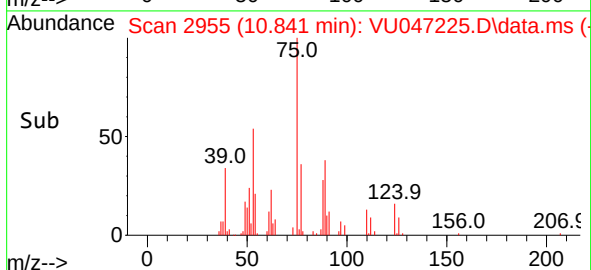
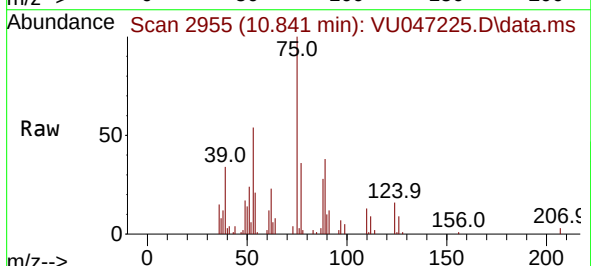
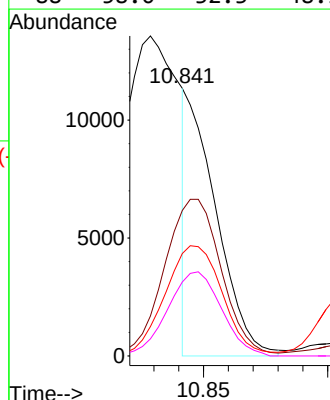
RT: 10.841 min Scan# 2955

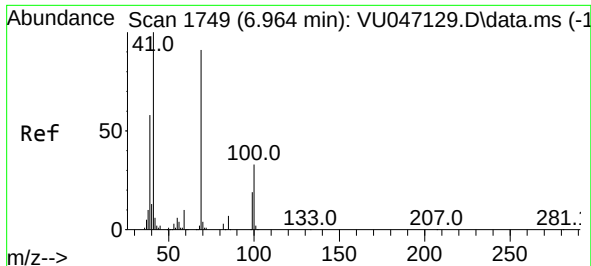
Delta R.T. 0.000 min

Lab File: VU047225.D

Acq: 21 Feb 2022 11:47

Tgt Ion: 75	Resp: 9292
Ion Ratio	Lower Upper
75 100	
53 114.5	66.8 100.2#
89 81.3	41.7 62.5#
88 58.0	32.3 48.5#





#47

Methyl methacrylate

Concen: 3.470 ug/l

RT: 6.964 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VU047225.D

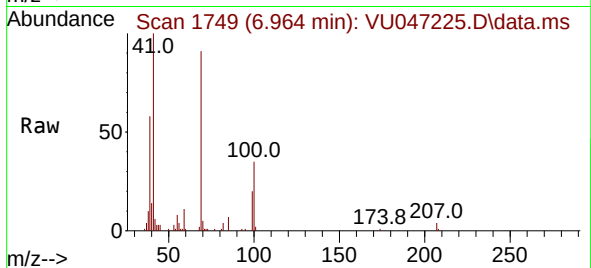
Acq: 21 Feb 2022 11:47

Instrument :

MSVOA_U

ClientSampleId :

VU0221WBS01



Tgt Ion: 69 Resp: 27718

Ion Ratio Lower Upper

69 100

41 109.5 0.0 230.0

39 64.9 55.1 82.7

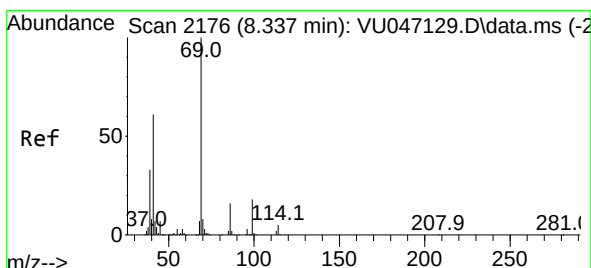
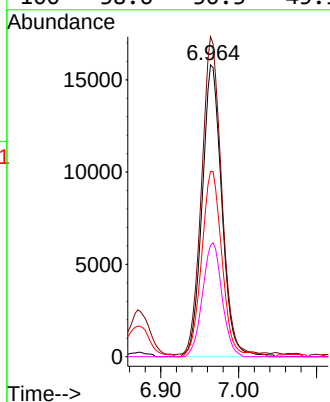
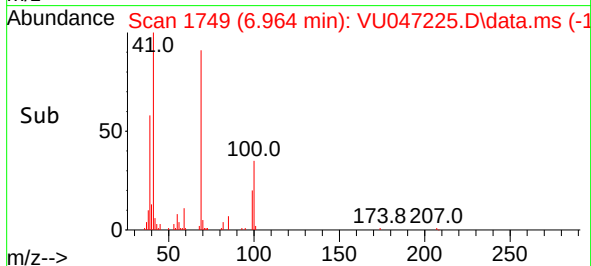
100 38.6 30.3 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#48

Ethyl methacrylate

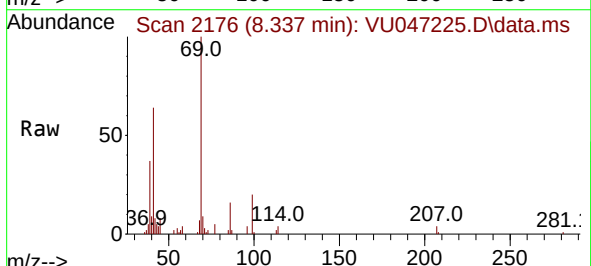
Concen: 1.668 ug/l

RT: 8.337 min Scan# 2176

Delta R.T. 0.000 min

Lab File: VU047225.D

Acq: 21 Feb 2022 11:47

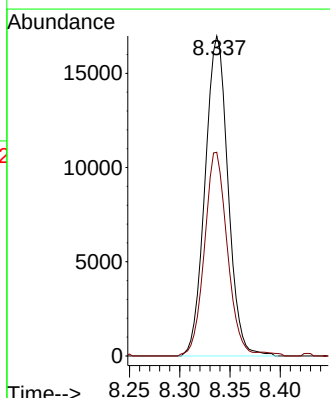
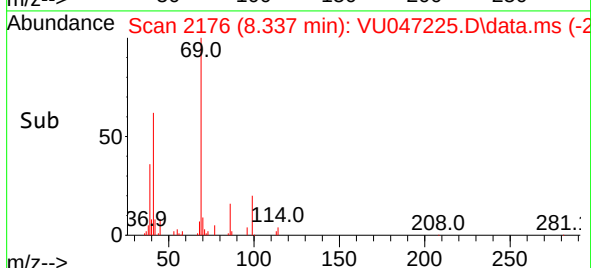


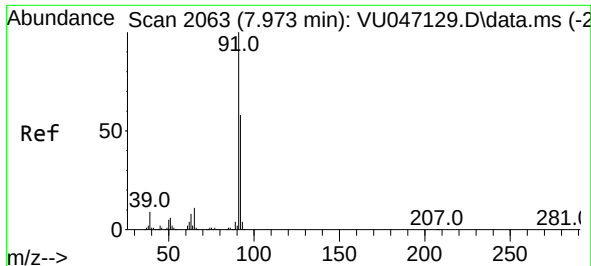
Tgt Ion: 69 Resp: 27018

Ion Ratio Lower Upper

69 100

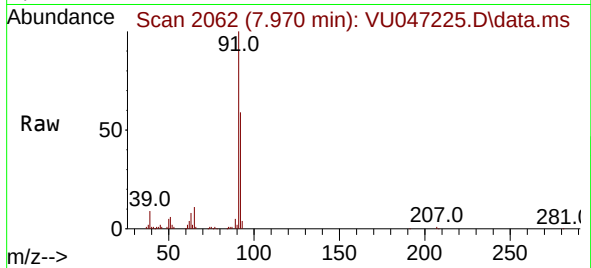
41 63.1 32.6 98.0





#49
Toluene
Concen: 1.851 ug/l
RT: 7.970 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47

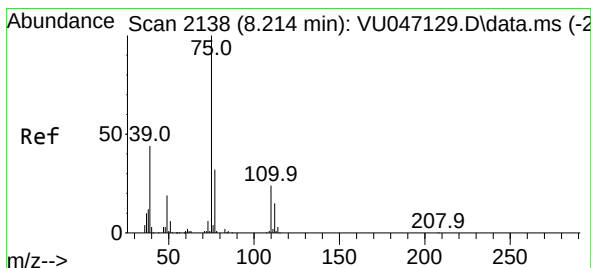
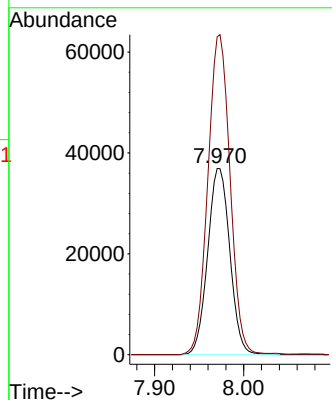
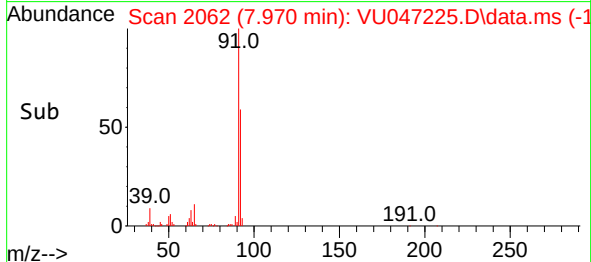
Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS01



Tgt Ion: 92 Resp: 6374
Ion Ratio Lower Upper
92 100
91 172.2 136.8 205.2

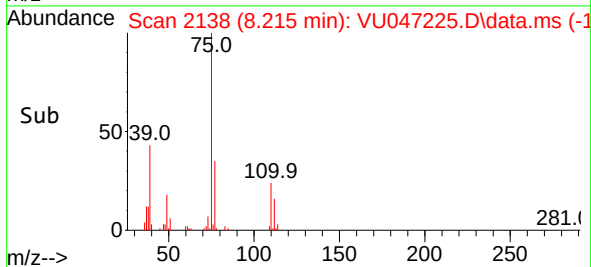
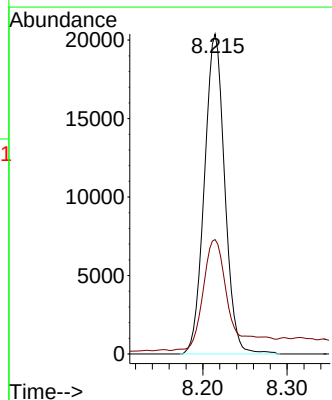
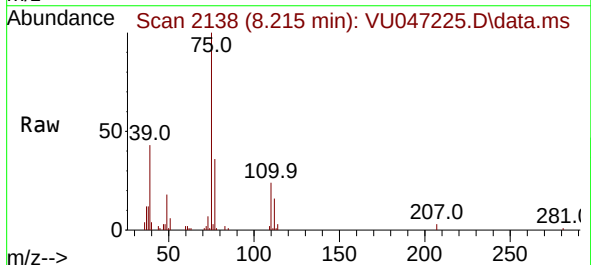
Manual Integrations
APPROVED

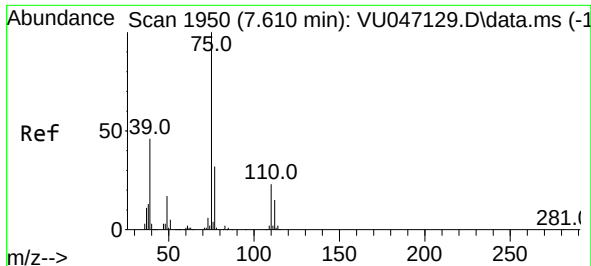
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#50
t-1,3-Dichloropropene
Concen: 1.756 ug/l
RT: 8.215 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47

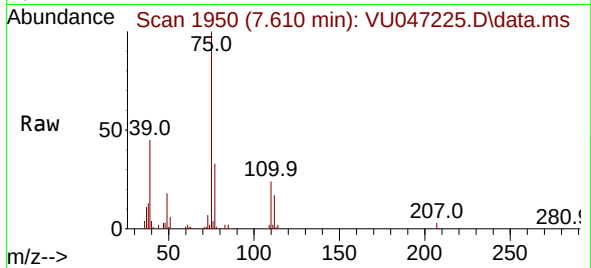
Tgt Ion: 75 Resp: 34239
Ion Ratio Lower Upper
75 100
77 34.2 25.6 38.4





#51
 cis-1,3-Dichloropropene
 Concen: 1.752 ug/l
 RT: 7.610 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VU047225.D
 Acq: 21 Feb 2022 11:47

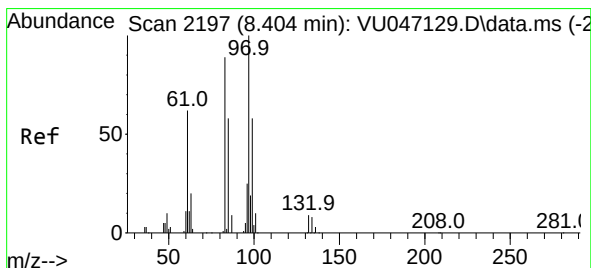
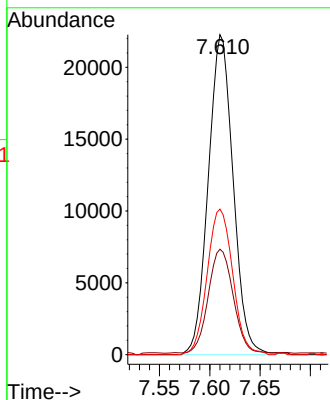
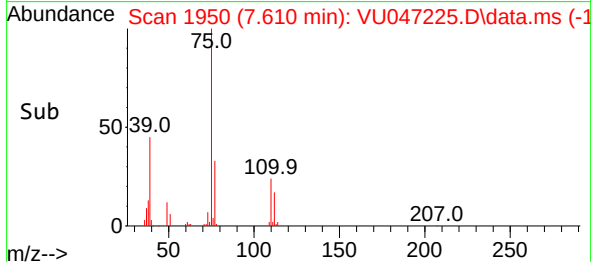
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0221WBS01



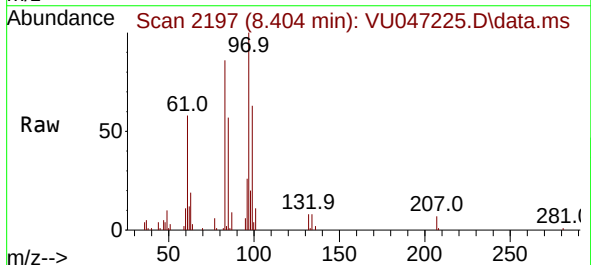
Tgt Ion: 75 Resp: 3829
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.2 37.8
 39 45.5 38.6 57.8

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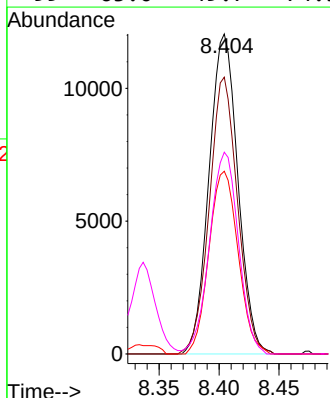
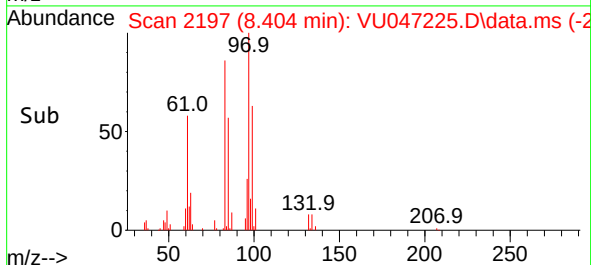
Reviewed By :John Carlone 02/22/2022
 Supervised By :Mahesh Dadoda 02/22/2022

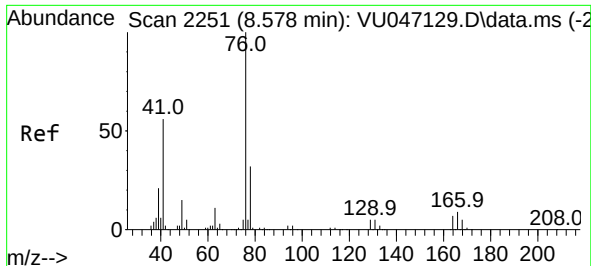


#52
 1,1,2-Trichloroethane
 Concen: 1.853 ug/l
 RT: 8.404 min Scan# 2197
 Delta R.T. 0.000 min
 Lab File: VU047225.D
 Acq: 21 Feb 2022 11:47



Tgt Ion: 97 Resp: 20142
 Ion Ratio Lower Upper
 97 100
 83 86.5 69.8 104.8
 85 57.1 44.2 66.4
 99 63.0 49.7 74.5





#53

1,3-Dichloropropane

Concen: 1.780 ug/l

RT: 8.578 min Scan# 2251

Delta R.T. 0.000 min

Lab File: VU047225.D

Acq: 21 Feb 2022 11:47

Instrument :

MSVOA_U

ClientSampleId :

VU0221WBS01

Tgt Ion: 76 Resp: 3455

Ion Ratio Lower Upper

76 100

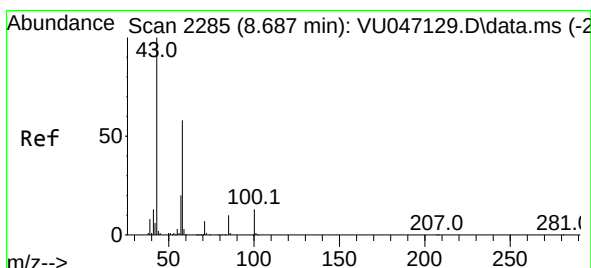
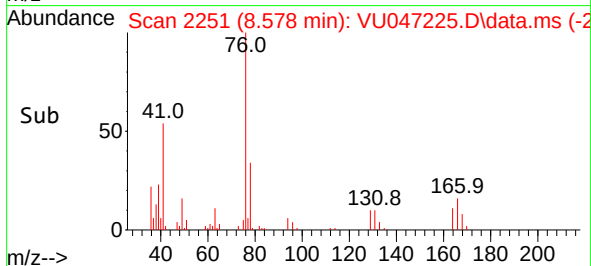
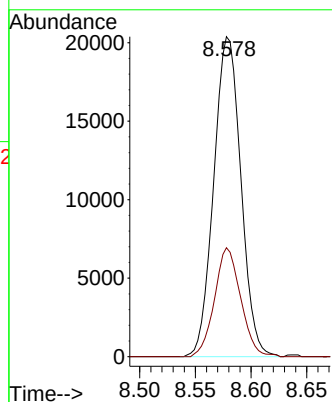
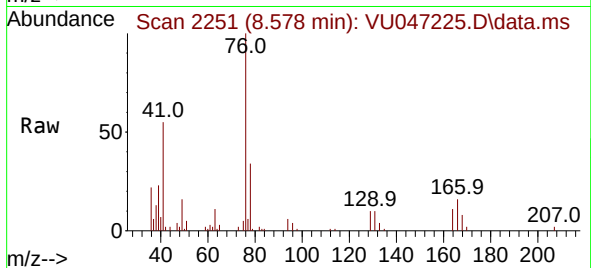
78 32.8 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#54

2-Hexanone

Concen: 8.153 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VU047225.D

Acq: 21 Feb 2022 11:47

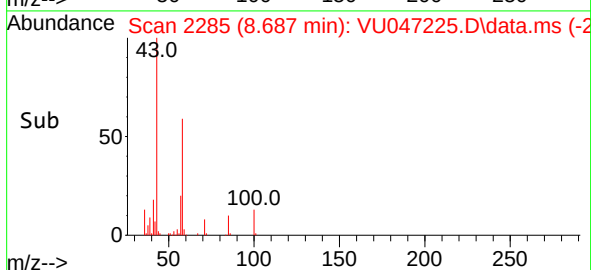
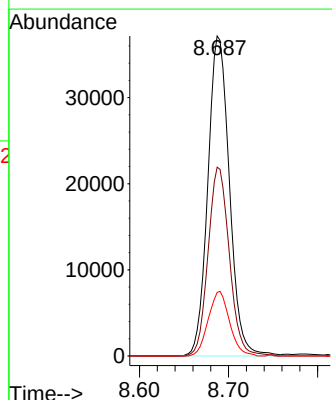
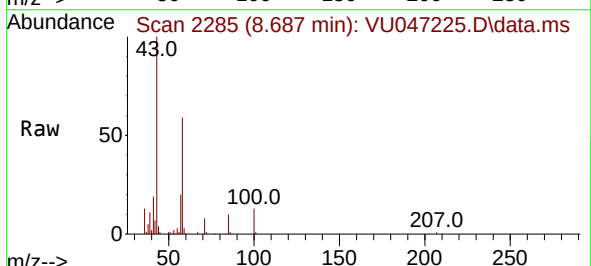
Tgt Ion: 43 Resp: 62576

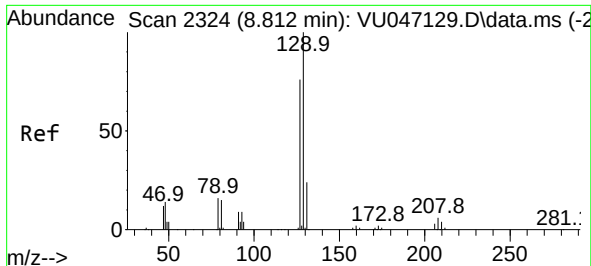
Ion Ratio Lower Upper

43 100

58 57.9 37.7 77.7

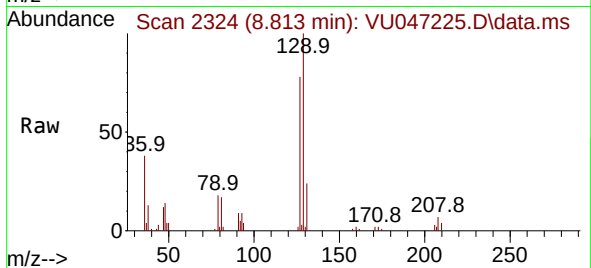
57 19.9 0.5 40.5





#55
Dibromochloromethane
Concen: 1.697 ug/l
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47

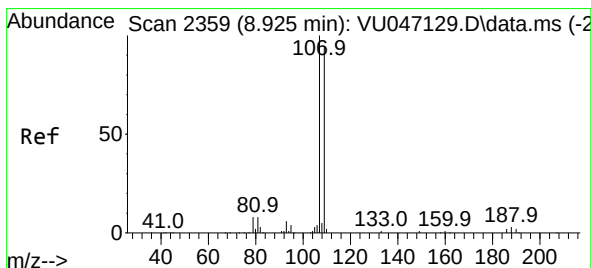
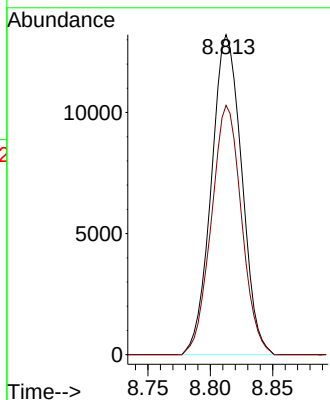
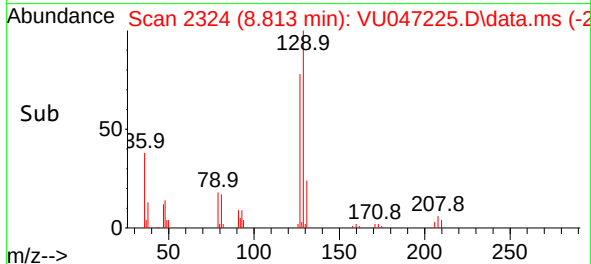
Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS01



Tgt Ion:129 Resp: 22428
Ion Ratio Lower Upper
129 100
127 77.5 62.2 93.4

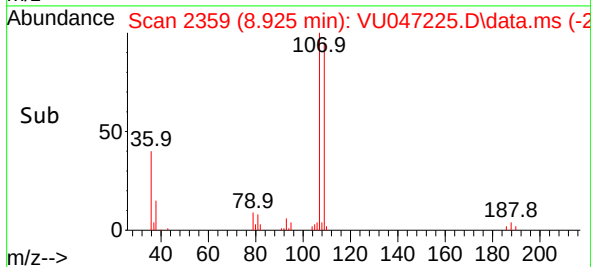
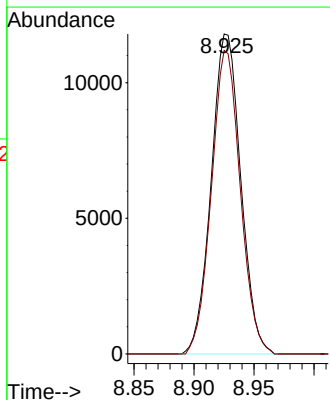
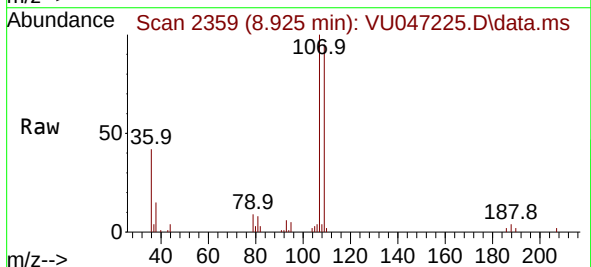
Manual Integrations
APPROVED

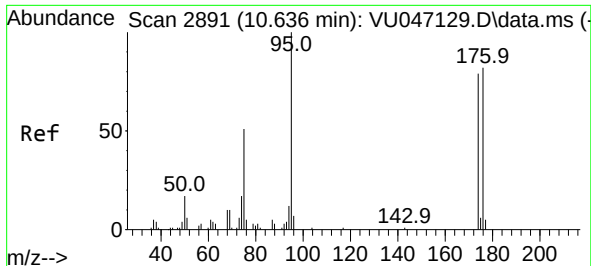
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#56
1,2-Dibromoethane
Concen: 1.839 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. 0.000 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47

Tgt Ion:107 Resp: 20199
Ion Ratio Lower Upper
107 100
109 92.7 0.0 185.0





#57

4-Bromofluorobenzene

Concen: 0.973 ug/l

RT: 10.636 min Scan# 2891

Delta R.T. 0.000 min

Lab File: VU047225.D

Acq: 21 Feb 2022 11:47

Instrument :

MSVOA_U

ClientSampleId :

VU0221WBS01

Tgt Ion: 95 Resp: 1952

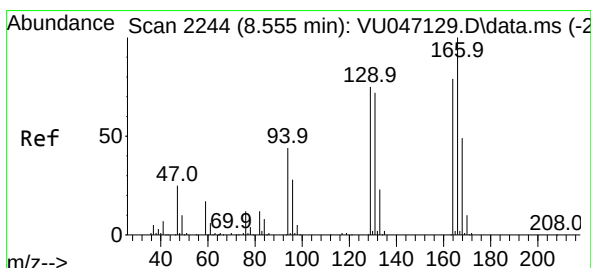
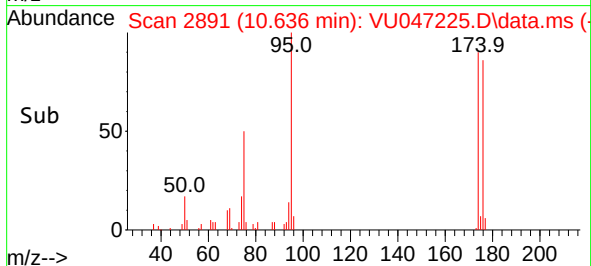
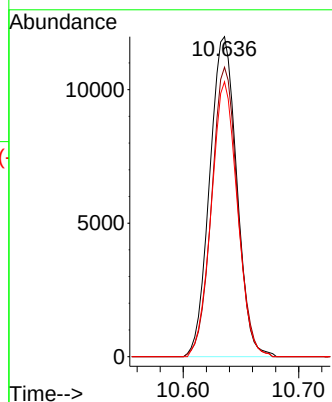
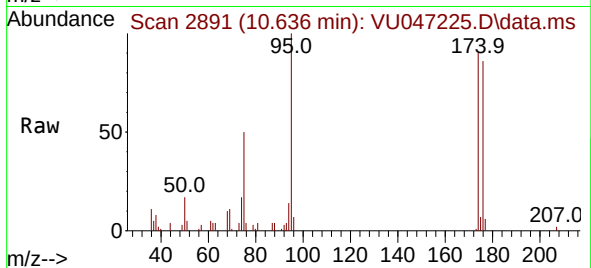
Ion	Ratio	Lower	Upper
95	100		
174	86.5	56.6	84.8
176	82.7	54.3	81.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#58

Tetrachloroethene

Concen: 1.933 ug/l

RT: 8.555 min Scan# 2244

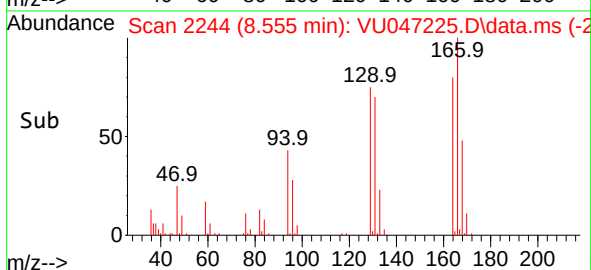
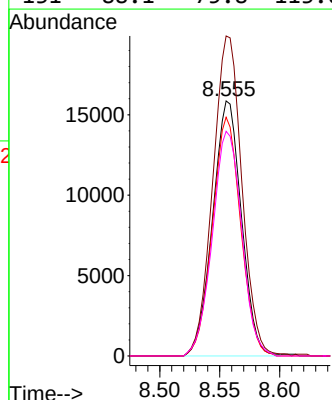
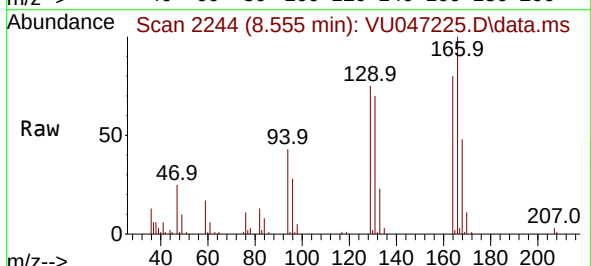
Delta R.T. 0.000 min

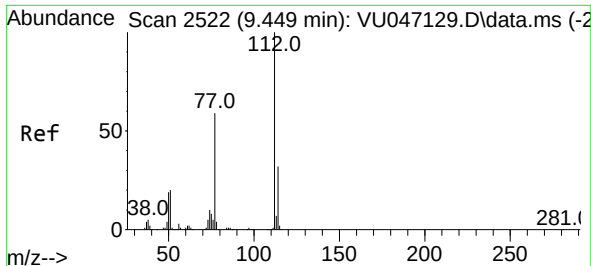
Lab File: VU047225.D

Acq: 21 Feb 2022 11:47

Tgt Ion:164 Resp: 26364

Ion	Ratio	Lower	Upper
164	100		
166	125.5	102.0	153.0
129	93.6	77.1	115.7
131	88.1	75.8	113.6





#59

Chlorobenzene

Concen: 1.851 ug/l

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU047225.D

Acq: 21 Feb 2022 11:47

Instrument :

MSVOA_U

ClientSampleId :

VU0221WBS01

Tgt Ion:112 Resp: 71059

Ion Ratio Lower Upper

112 100

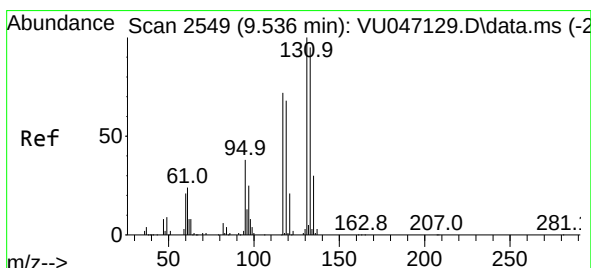
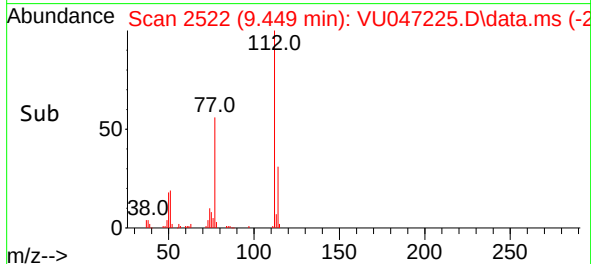
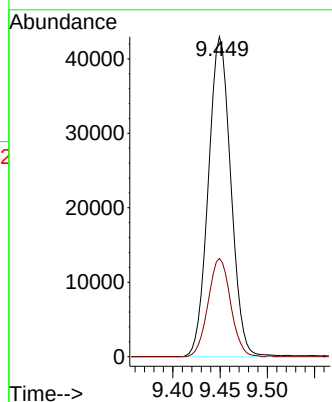
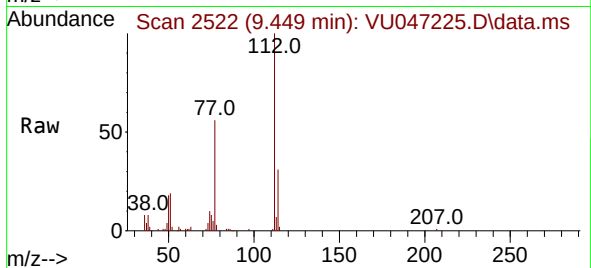
114 30.7 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#60

1,1,1,2-Tetrachloroethane

Concen: 1.860 ug/l

RT: 9.536 min Scan# 2549

Delta R.T. 0.000 min

Lab File: VU047225.D

Acq: 21 Feb 2022 11:47

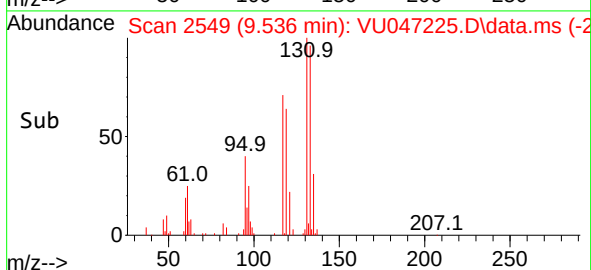
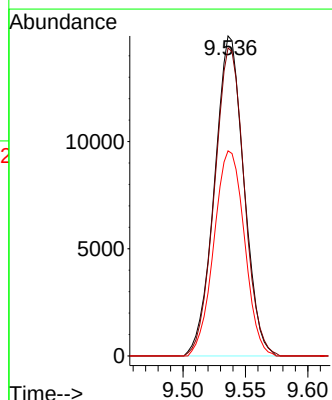
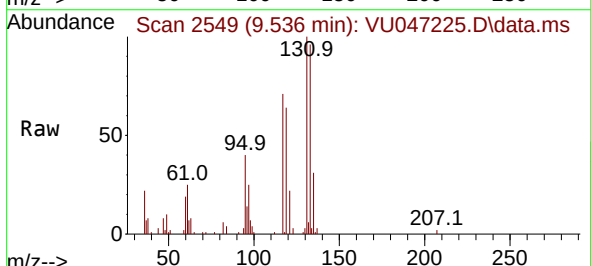
Tgt Ion:131 Resp: 24538

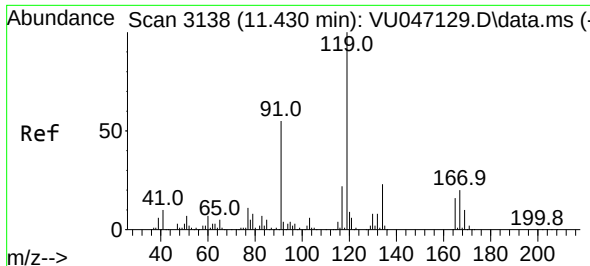
Ion Ratio Lower Upper

131 100

133 97.2 76.0 114.0

119 66.5 54.9 82.3





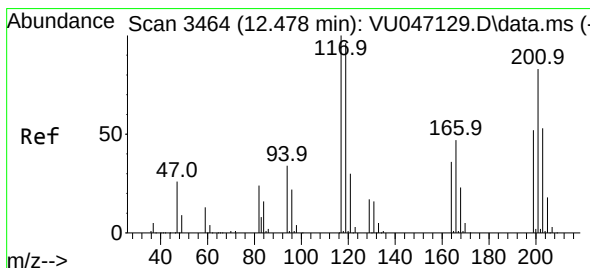
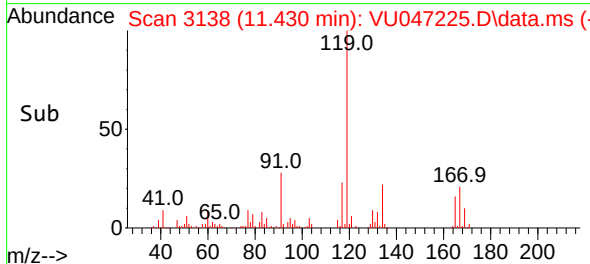
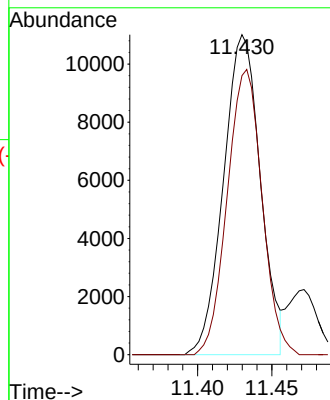
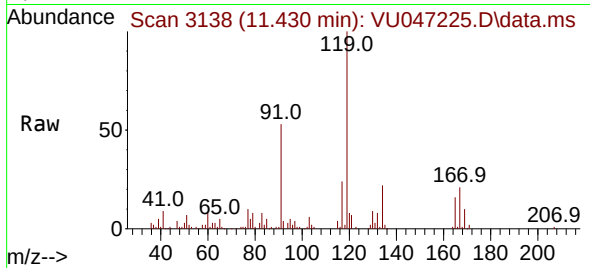
#61
Pentachloroethane
Concen: 1.898 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. 0.000 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47

Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS01

Tgt Ion:117 Resp: 1900
Ion Ratio Lower Upper
117 100
167 84.0 59.7 89.5

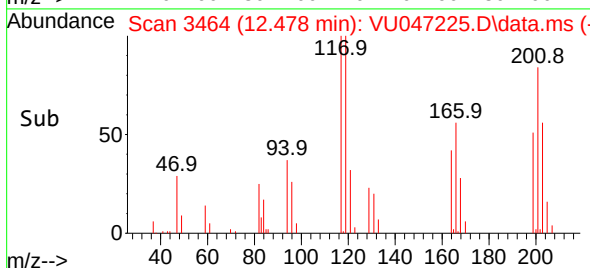
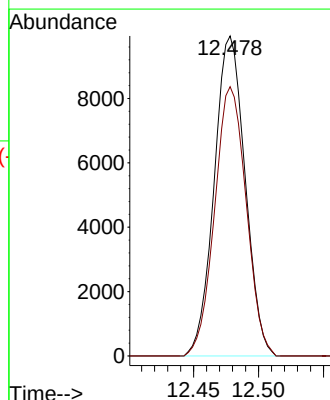
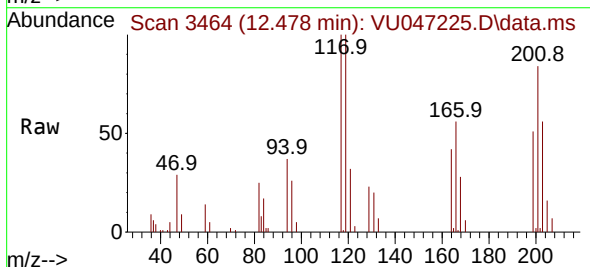
Manual Integrations
APPROVED

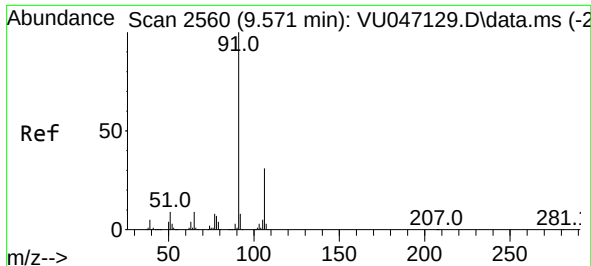
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#62
Hexachloroethane
Concen: 1.519 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.000 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47

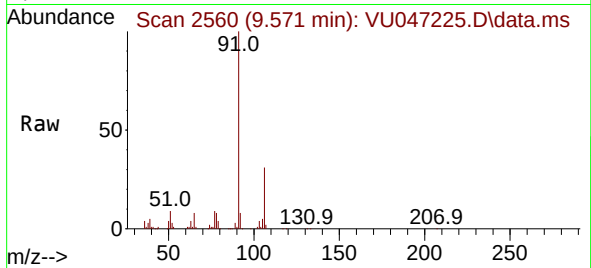
Tgt Ion:117 Resp: 16422
Ion Ratio Lower Upper
117 100
201 85.9 53.6 80.4#





#63
Ethyl Benzene
Concen: 1.822 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47

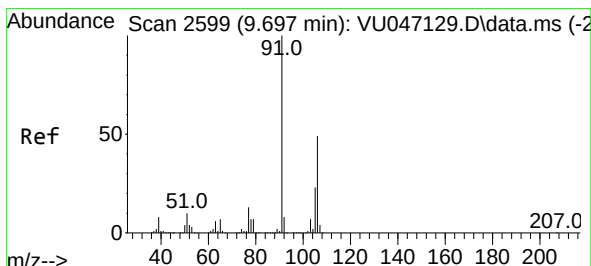
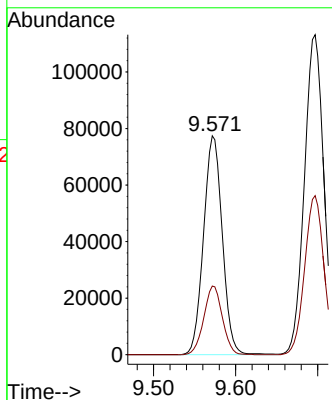
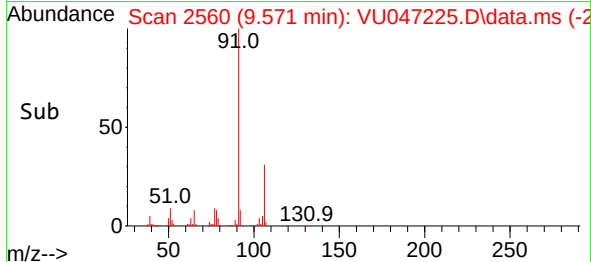
Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS01



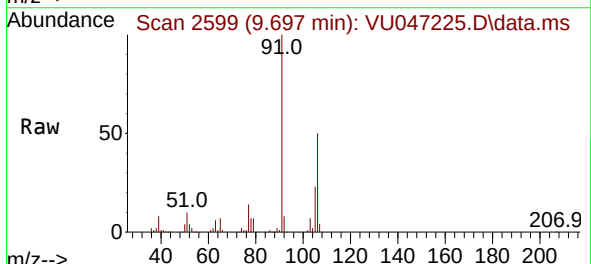
Tgt Ion: 91 Resp: 122929
Ion Ratio Lower Upper
91 100
106 31.3 24.4 36.6

Manual Integrations
APPROVED

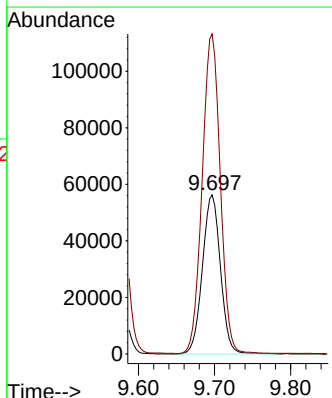
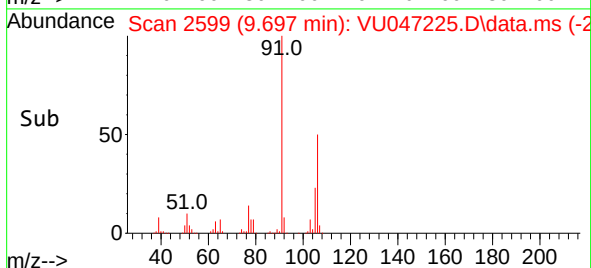
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

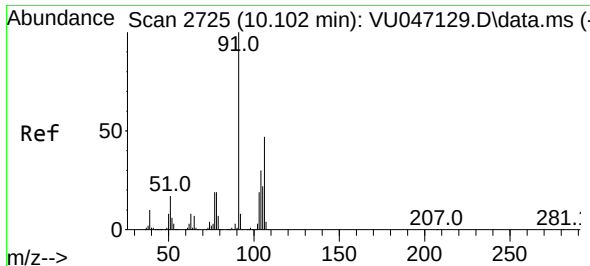


#64
m/p-Xylenes
Concen: 3.597 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47



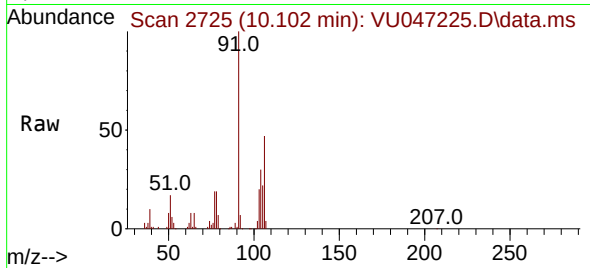
Tgt Ion:106 Resp: 92525
Ion Ratio Lower Upper
106 100
91 201.6 165.5 248.3





#65
o-Xylene
Concen: 1.792 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47

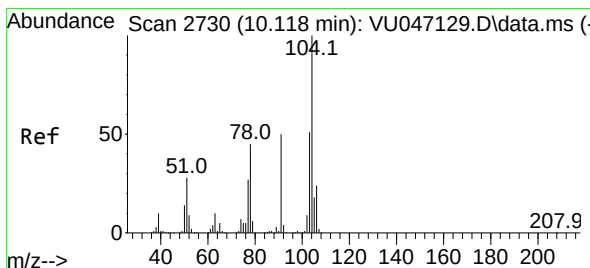
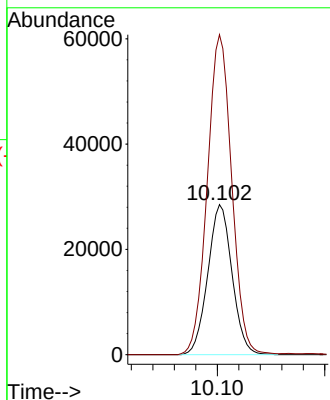
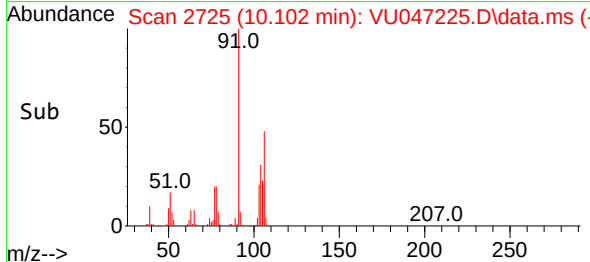
Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS01



Tgt Ion:106 Resp: 44643
Ion Ratio Lower Upper
106 100
91 214.8 109.4 328.2

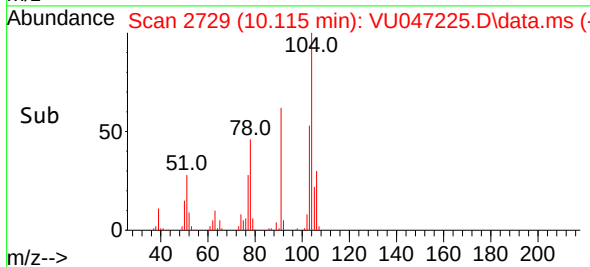
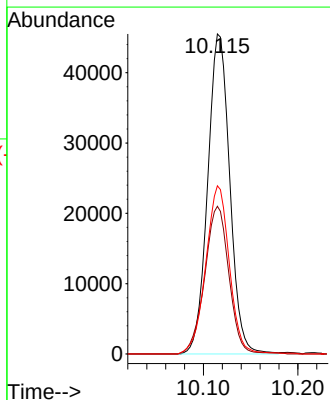
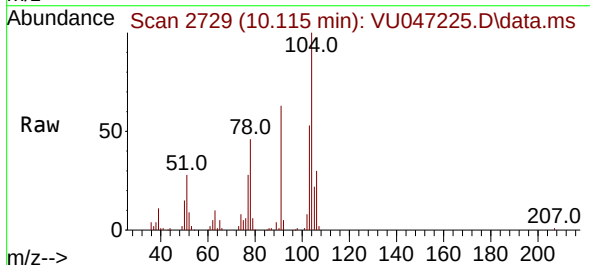
Manual Integrations
APPROVED

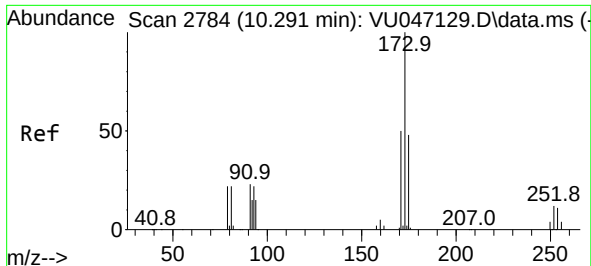
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#66
Styrene
Concen: 1.748 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47

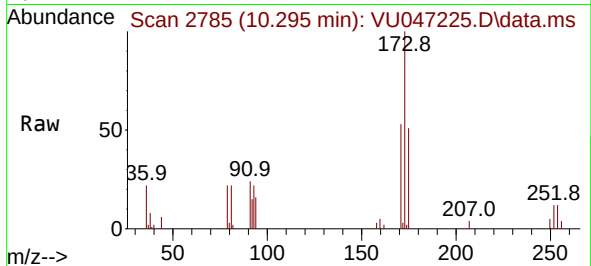
Tgt Ion:104 Resp: 73943
Ion Ratio Lower Upper
104 100
78 50.4 42.4 63.6
103 56.1 44.2 66.4





#67
Bromoform
Concen: 1.512 ug/l
RT: 10.295 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47

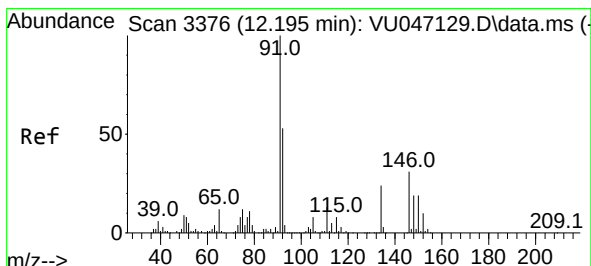
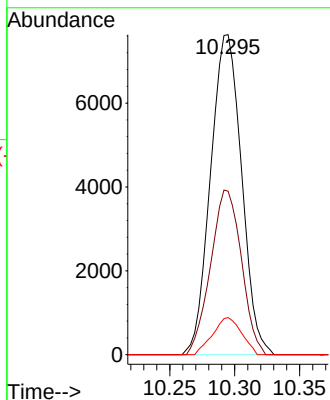
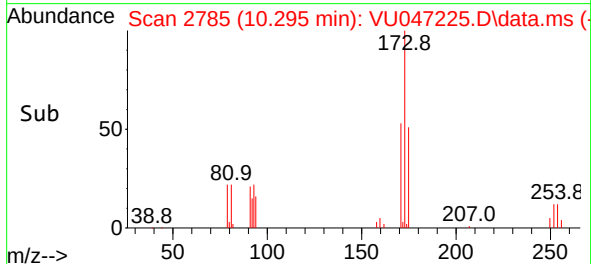
Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS01



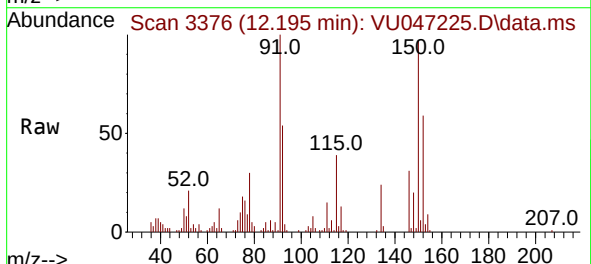
Tgt Ion:173 Resp: 1266
Ion Ratio Lower Upper
173 100
175 51.0 39.0 58.4
254 10.7 5.5 8.3

Manual Integrations
APPROVED

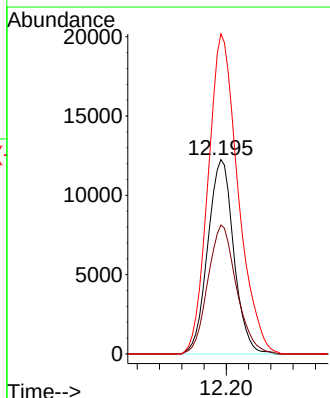
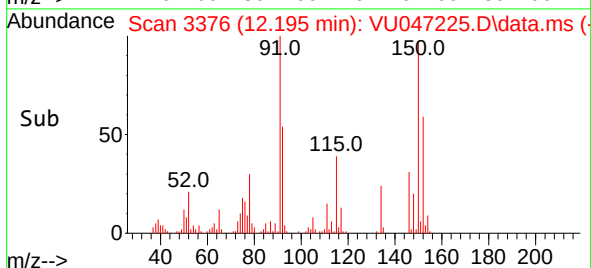
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

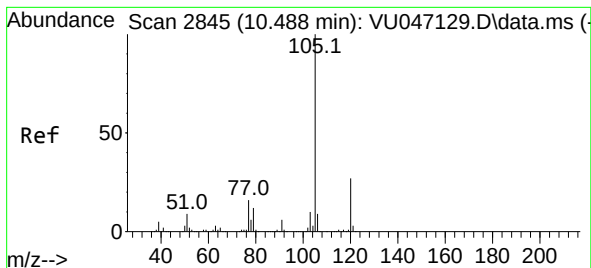


#68
1,2-Dichlorobenzene-d4
Concen: 0.950 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. 0.000 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47



Tgt Ion:152 Resp: 19858
Ion Ratio Lower Upper
152 100
115 73.1 0.0 251.0
150 189.5 0.0 613.8





#69

Isopropylbenzene

Concen: 1.774 ug/l

RT: 10.488 min Scan# 2845

Delta R.T. 0.000 min

Lab File: VU047225.D

Acq: 21 Feb 2022 11:47

Instrument :

MSVOA_U

ClientSampleId :

VU0221WBS01

Tgt Ion:105 Resp: 11884

Ion Ratio Lower Upper

105 100

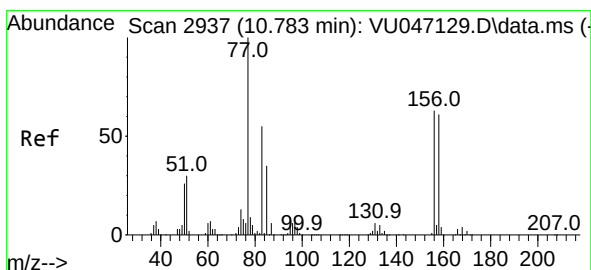
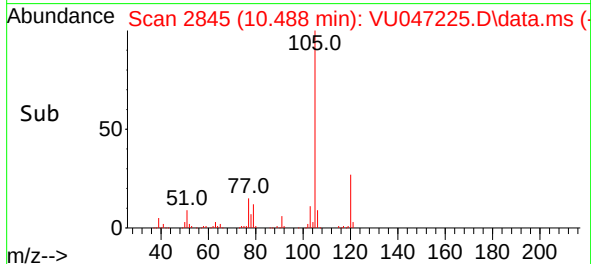
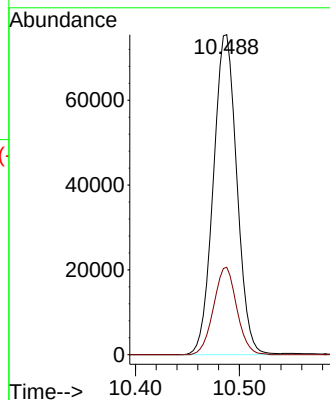
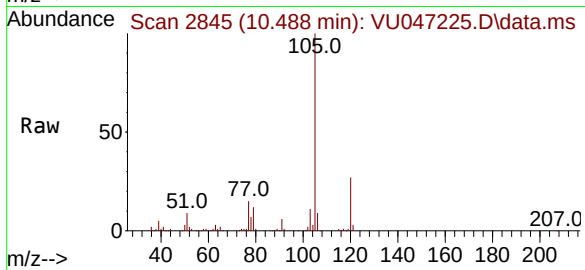
120 26.8 12.8 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#70

1,1,2,2-Tetrachloroethane

Concen: 1.767 ug/l

RT: 10.784 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU047225.D

Acq: 21 Feb 2022 11:47

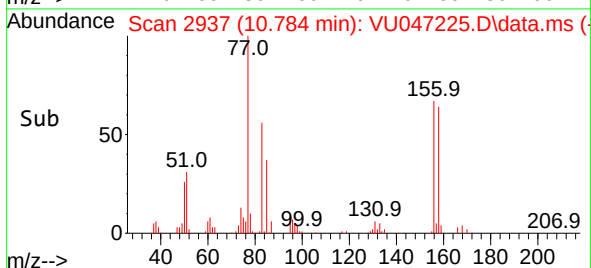
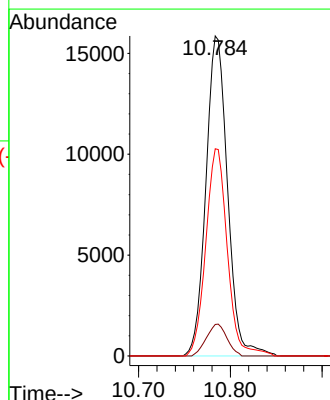
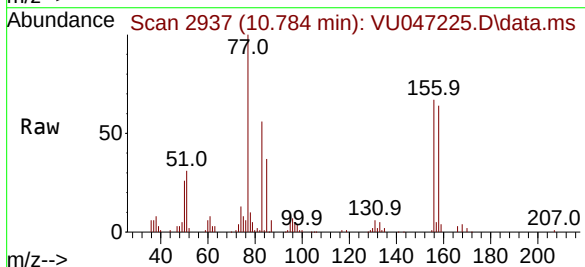
Tgt Ion: 83 Resp: 25958

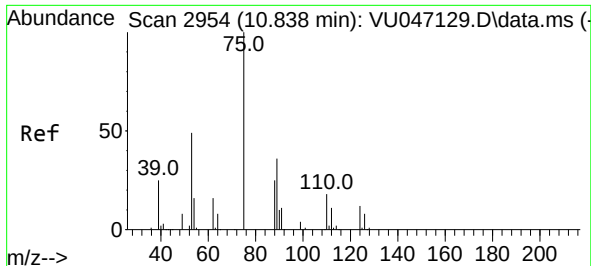
Ion Ratio Lower Upper

83 100

131 9.5 7.6 11.4

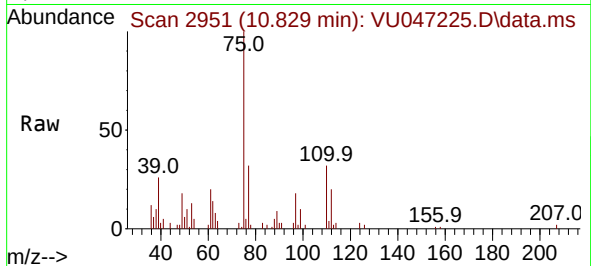
85 64.6 50.9 76.3





#71
1,2,3-Trichloropropane
Concen: 1.711 ug/l m
RT: 10.829 min Scan# 2954
Delta R.T. -0.010 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47

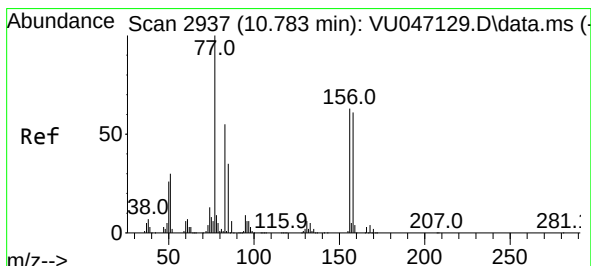
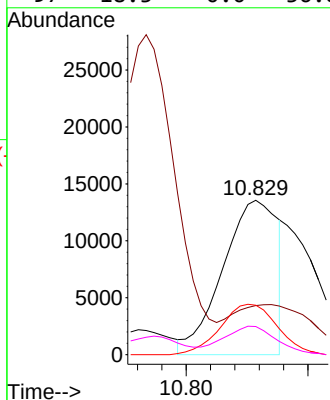
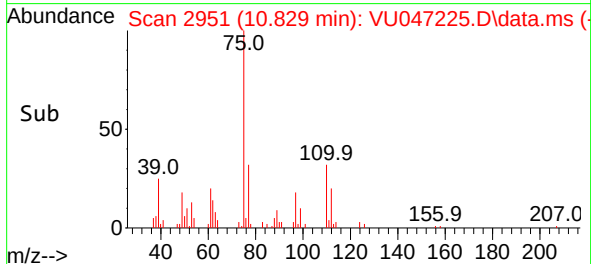
Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS01



Tgt Ion:	75	Resp:	2121
Ion Ratio	100	Lower	Upper
75	100		
77	46.0	0.0	105.6
110	33.9	0.0	71.2
97	18.3	0.0	36.8

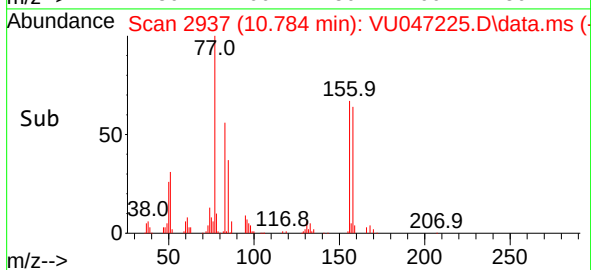
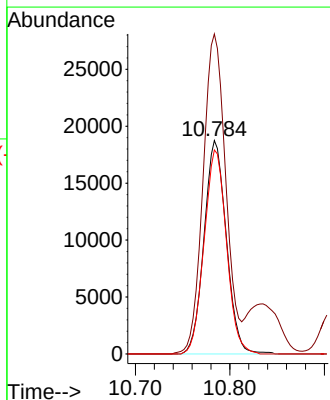
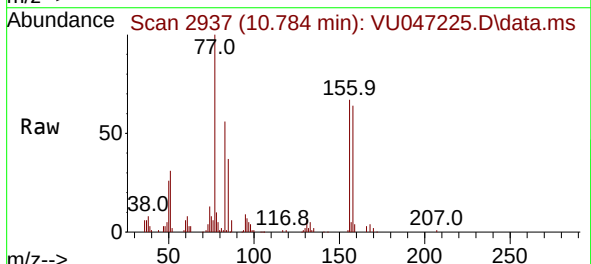
Manual Integrations
APPROVED

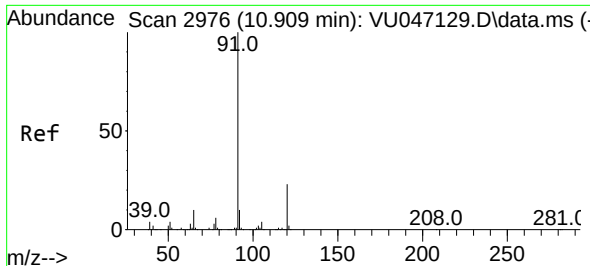
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#72
Bromobenzene
Concen: 1.879 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47

Tgt Ion:	156	Resp:	30744
Ion Ratio	100	Lower	Upper
156	100		
77	152.9	0.0	370.6
158	95.7	0.0	193.4





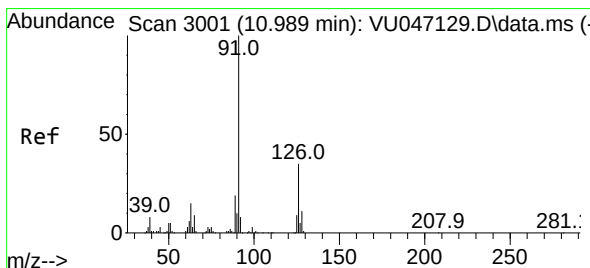
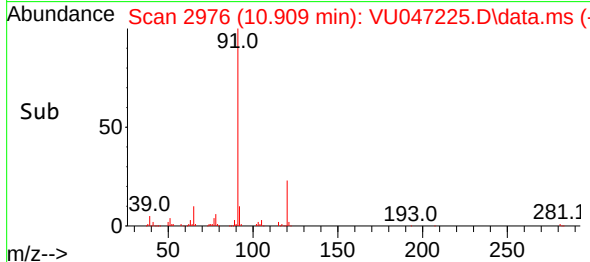
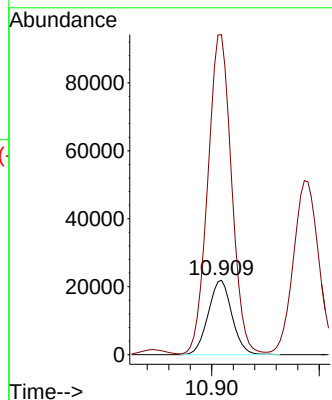
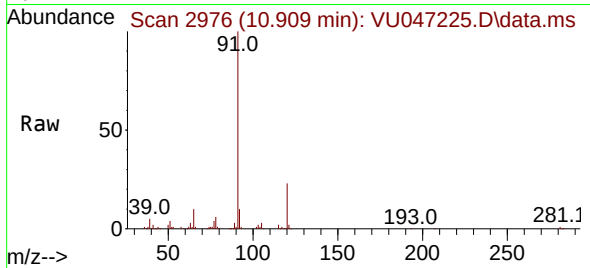
#73
n-propylbenzene
Concen: 1.816 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.000 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47

Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS01

Tgt Ion:120 Resp: 3349
Ion Ratio Lower Upper
120 100
91 429.5 370.7 556.1

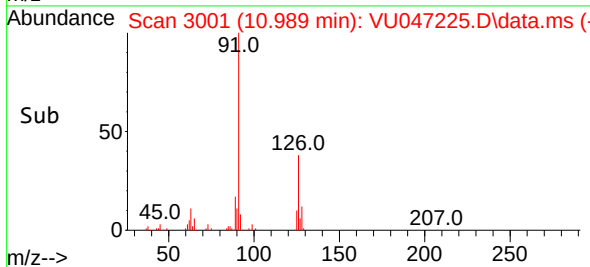
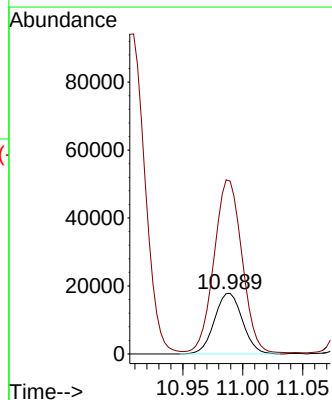
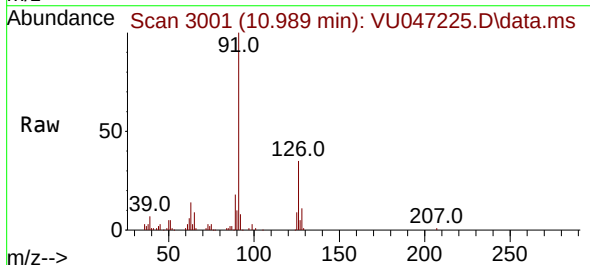
Manual Integrations
APPROVED

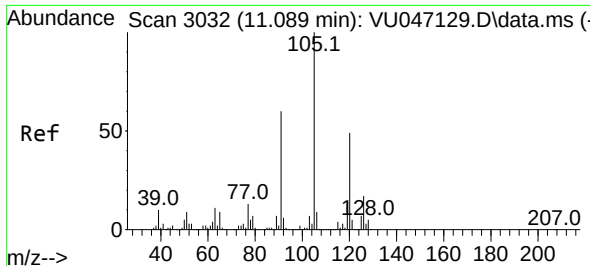
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#74
2-Chlorotoluene
Concen: 1.838 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47

Tgt Ion:126 Resp: 28910
Ion Ratio Lower Upper
126 100
91 284.4 0.0 639.6





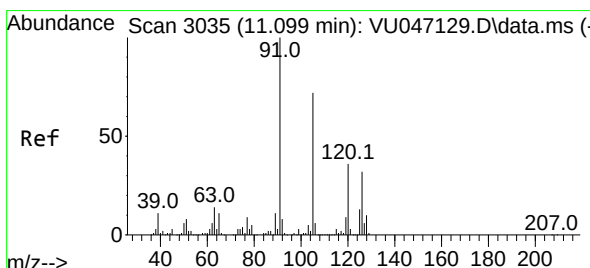
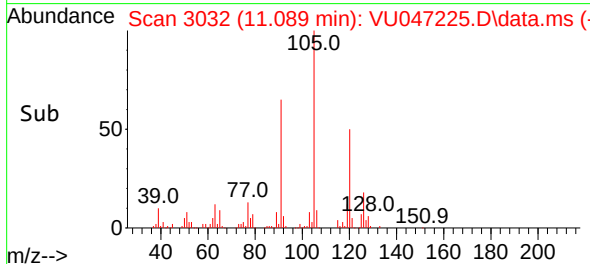
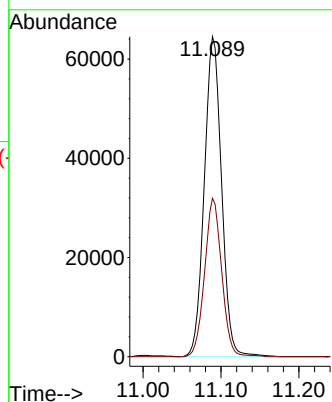
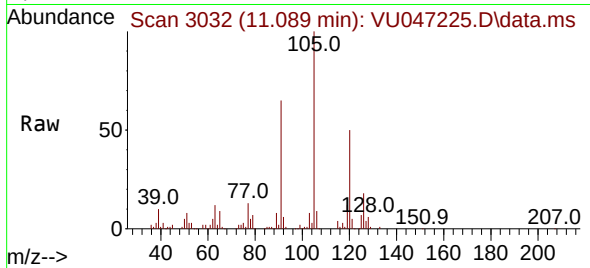
#75
1,3,5-Trimethylbenzene
Concen: 1.808 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47

Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS01

Tgt Ion:105 Resp: 9934
Ion Ratio Lower Upper
105 100
120 48.9 38.6 58.0

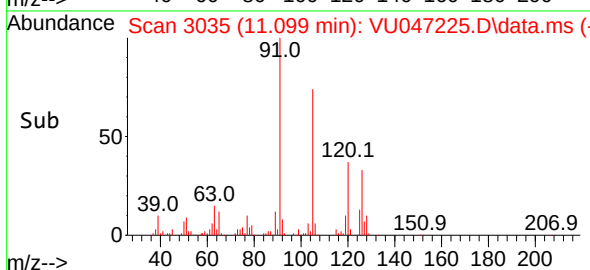
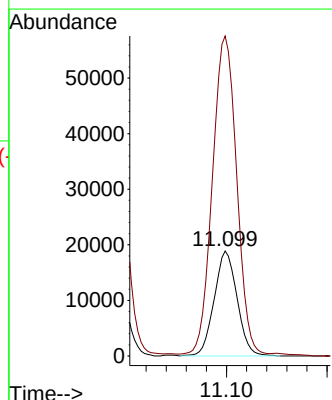
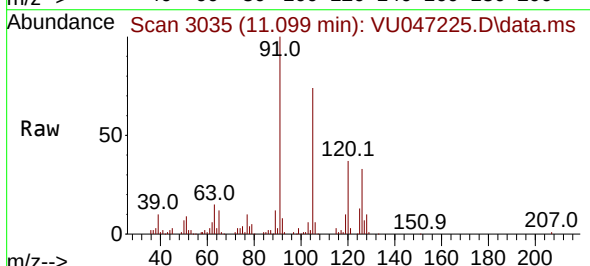
Manual Integrations
APPROVED

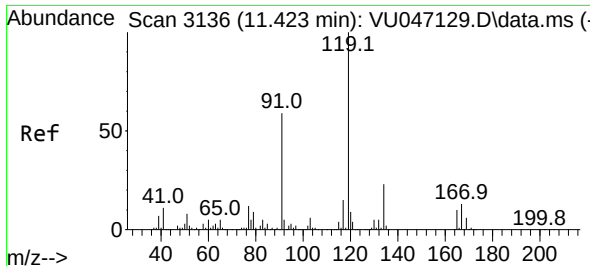
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#76
4-Chlorotoluene
Concen: 1.811 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47

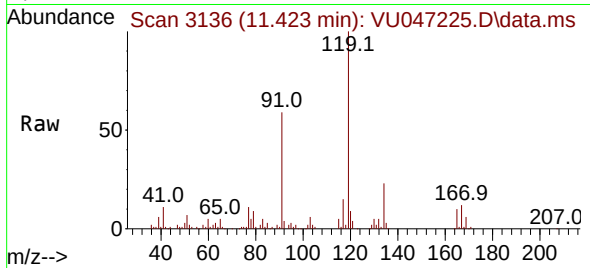
Tgt Ion:126 Resp: 29917
Ion Ratio Lower Upper
126 100
91 317.9 0.0 728.0





#77
tert-Butylbenzene
Concen: 1.798 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47

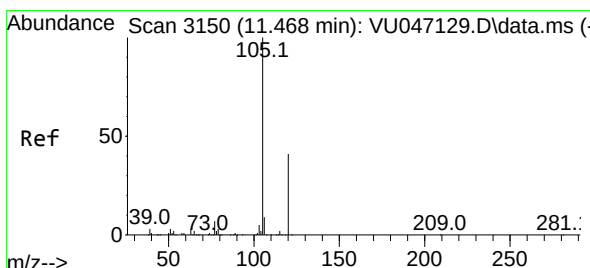
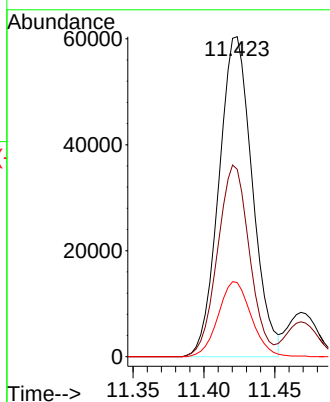
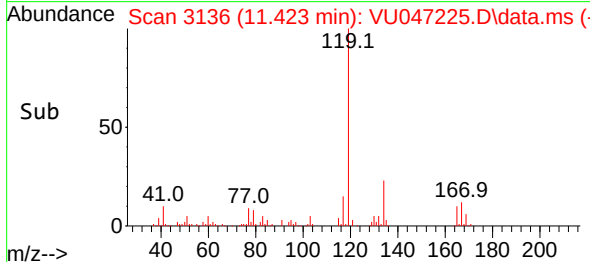
Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS01



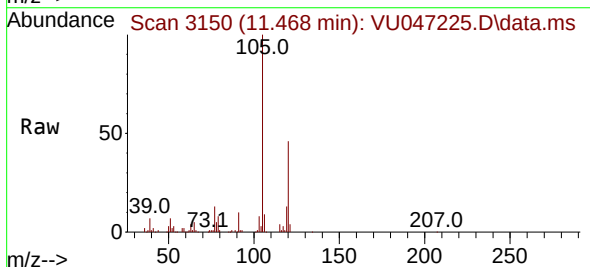
Tgt Ion:119 Resp: 99164
Ion Ratio Lower Upper
119 100
91 57.3 31.4 94.3
134 23.2 18.5 27.7

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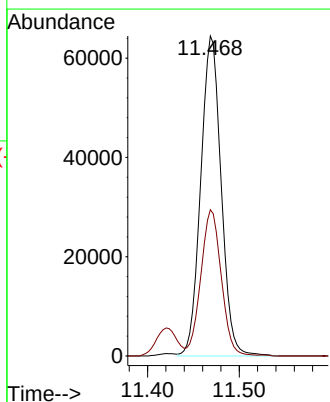
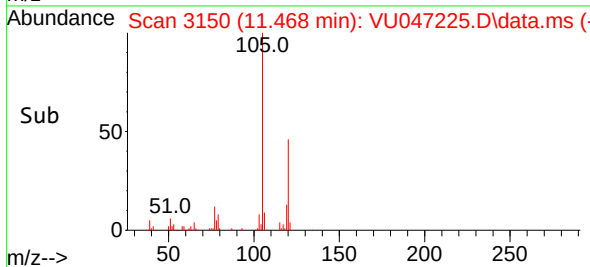
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

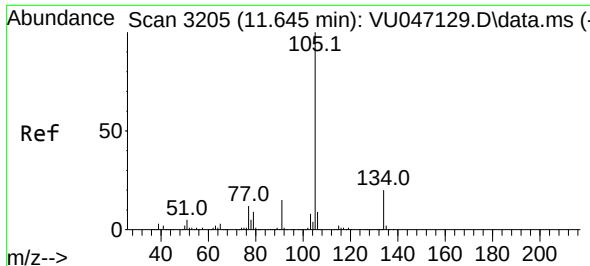


#78
1,2,4-Trimethylbenzene
Concen: 1.781 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47



Tgt Ion:105 Resp: 99869
Ion Ratio Lower Upper
105 100
120 45.3 22.3 66.8





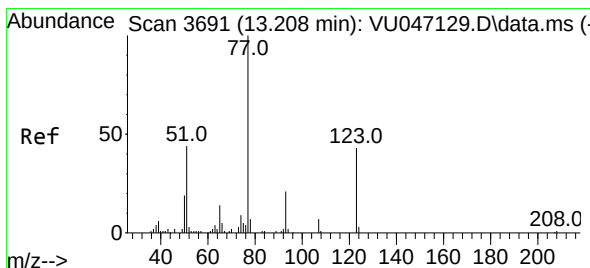
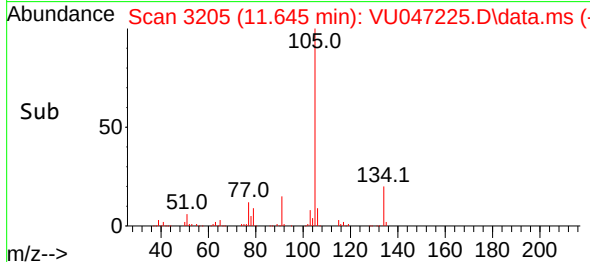
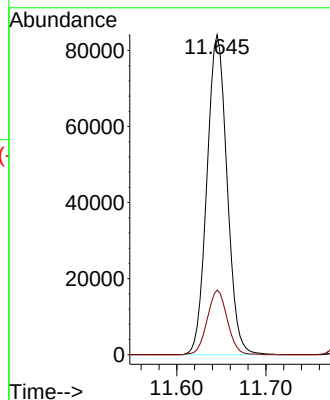
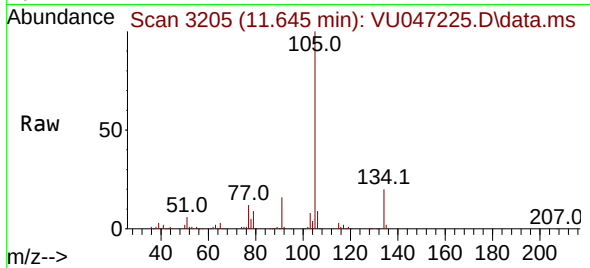
#79
 sec-Butylbenzene
 Concen: 1.801 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU047225.D
 Acq: 21 Feb 2022 11:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0221WBS01

Tgt Ion:105 Resp: 131870
 Ion Ratio Lower Upper
 105 100
 134 20.1 15.4 23.0

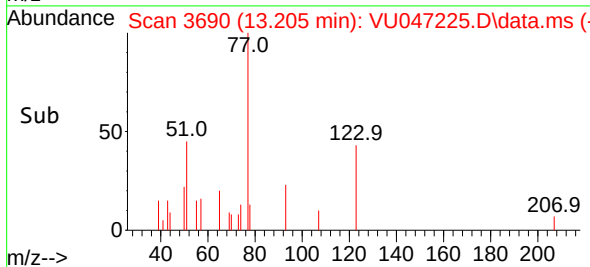
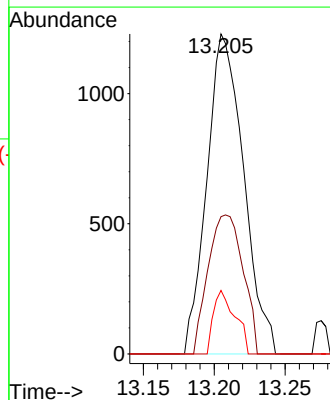
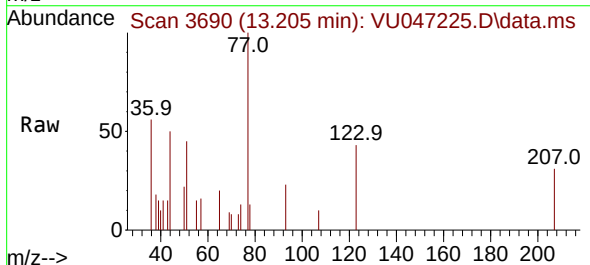
Manual Integrations
 APPROVED

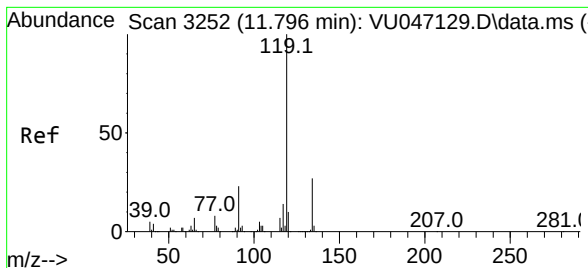
Reviewed By :John Carlone 02/22/2022
 Supervised By :Mahesh Dadoda 02/22/2022



#80
 Nitrobenzene
 Concen: 3.122 ug/l
 RT: 13.205 min Scan# 3690
 Delta R.T. -0.003 min
 Lab File: VU047225.D
 Acq: 21 Feb 2022 11:47

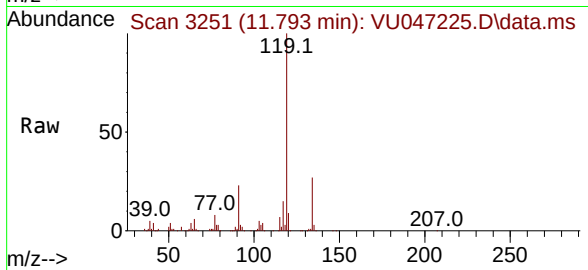
Tgt Ion: 77 Resp: 2215
 Ion Ratio Lower Upper
 77 100
 123 41.2 18.2 64.4
 65 11.7 12.0 15.2#





#81
p-Isopropyltoluene
Concen: 1.766 ug/l
RT: 11.793 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47

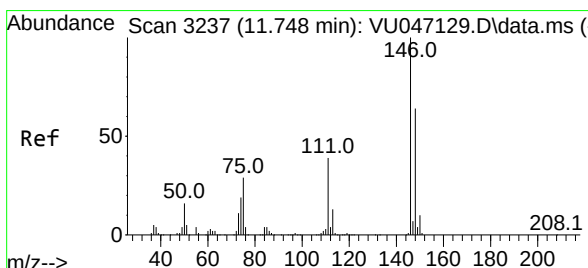
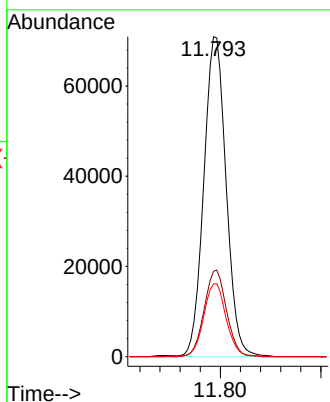
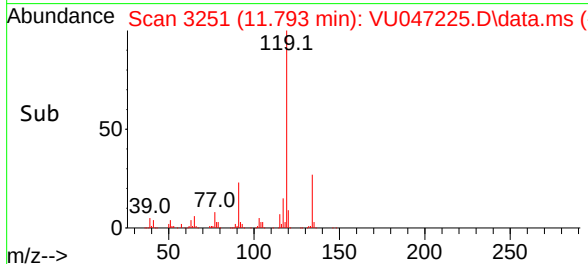
Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS01



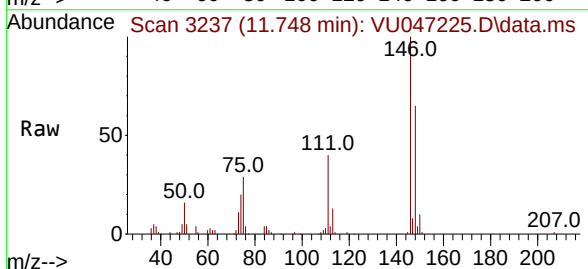
Tgt Ion:119 Resp: 10942
Ion Ratio Lower Upper
119 100
134 26.9 20.2 30.4
91 23.0 19.9 29.9

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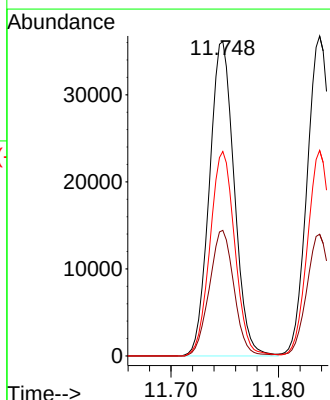
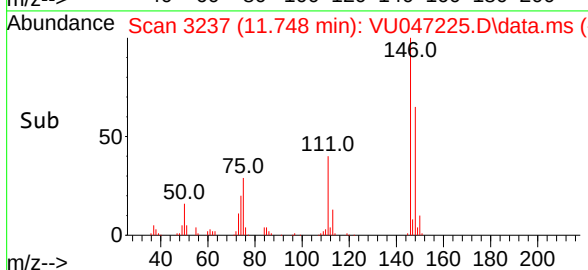
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

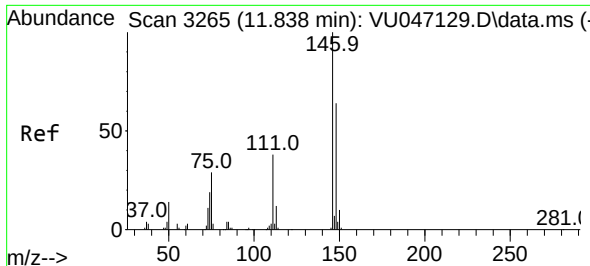


#82
1,3-Dichlorobenzene
Concen: 1.820 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47



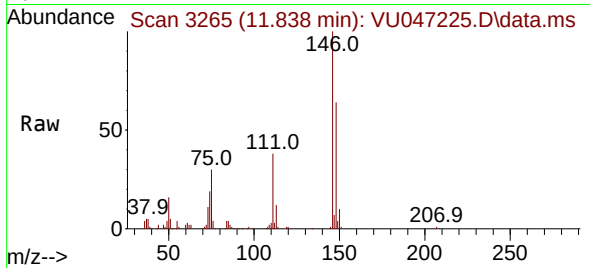
Tgt Ion:146 Resp: 57998
Ion Ratio Lower Upper
146 100
111 39.6 33.9 50.9
148 65.0 50.9 76.3





#83
1,4-Dichlorobenzene
Concen: 1.838 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47

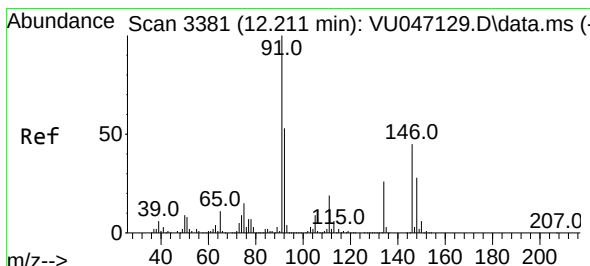
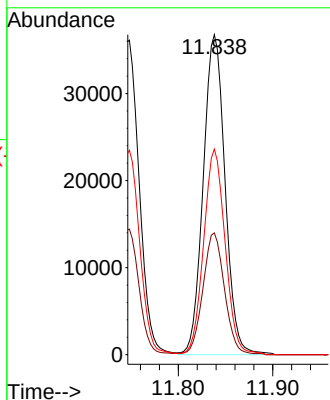
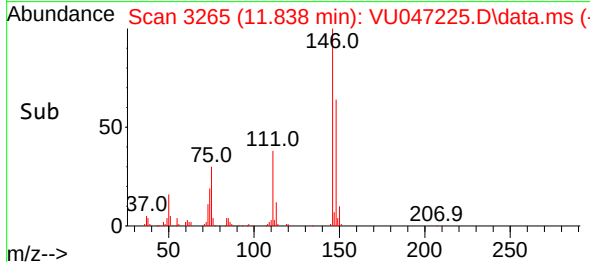
Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS01



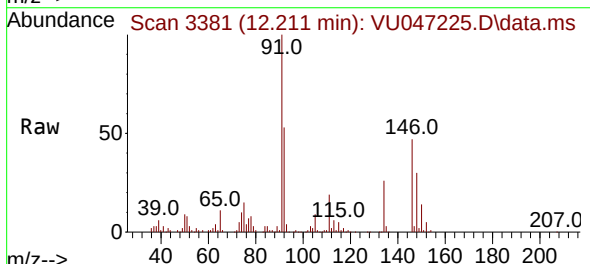
Tgt Ion:146 Resp: 58984
Ion Ratio Lower Upper
146 100
111 37.8 32.7 49.1
148 63.3 51.4 77.0

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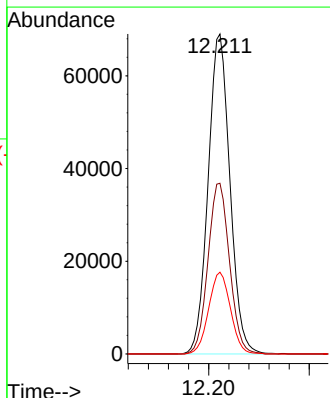
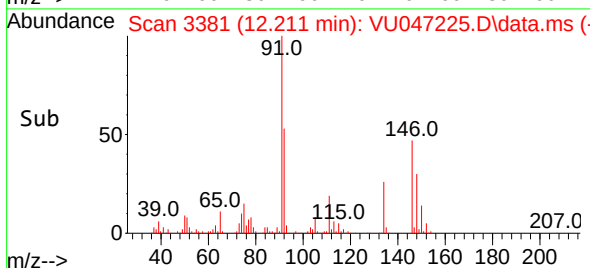
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

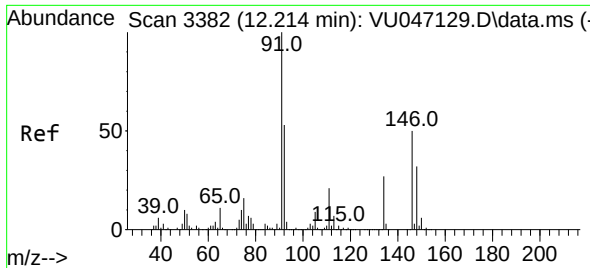


#84
n-Butylbenzene
Concen: 1.745 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47



Tgt Ion: 91 Resp: 103815
Ion Ratio Lower Upper
91 100
92 52.7 43.5 65.3
134 25.6 19.0 28.4





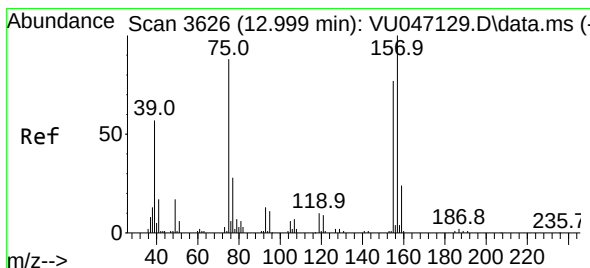
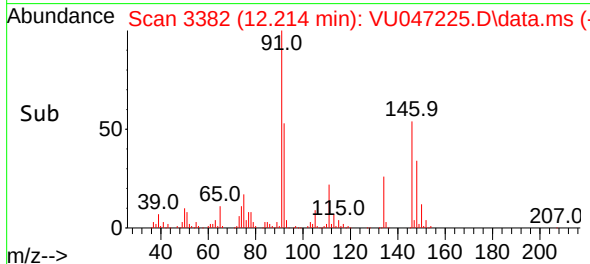
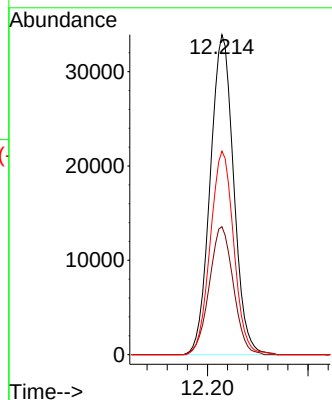
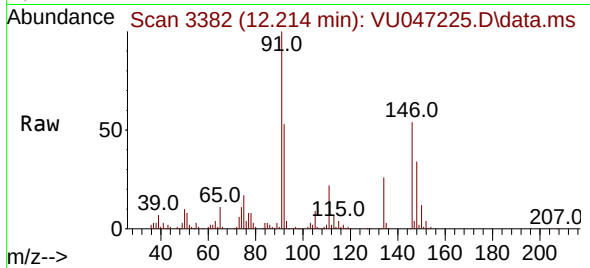
#85
1,2-Dichlorobenzene
Concen: 1.788 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47

Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS01

Tgt Ion:146 Resp: 5484
Ion Ratio Lower Upper
146 100
111 41.1 22.1 66.1
148 63.8 31.6 94.7

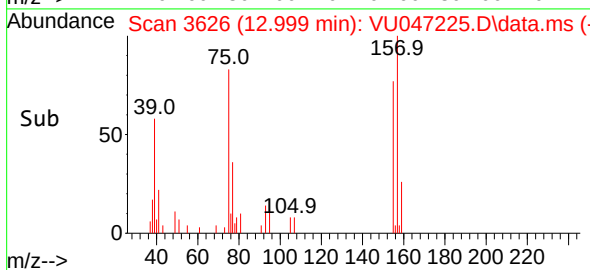
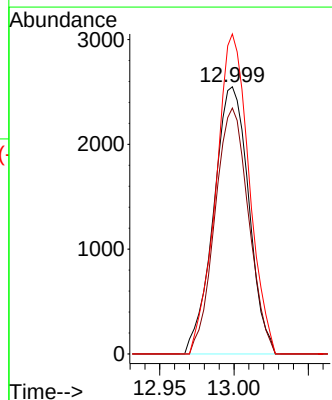
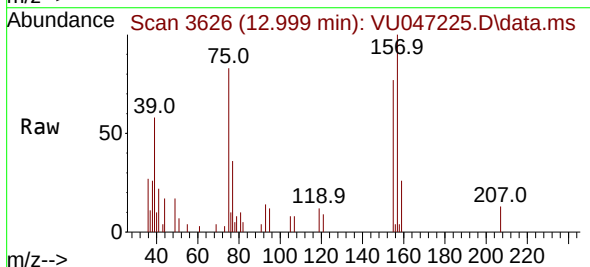
Manual Integrations
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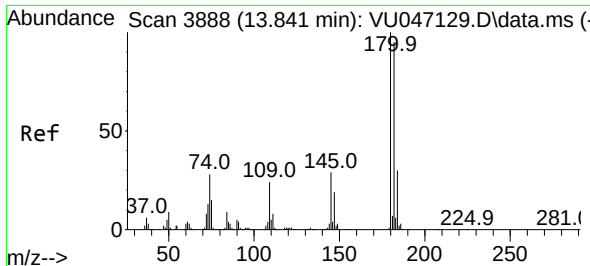
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#86
1,2-Dibromo-3-Chloropropane
Concen: 1.550 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47

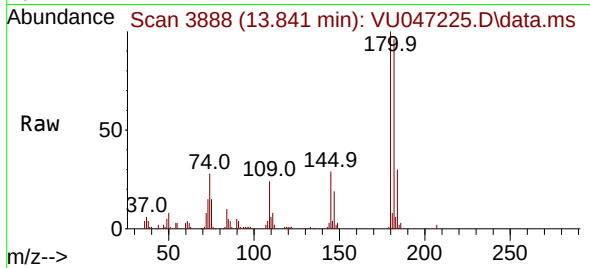
Tgt Ion: 75 Resp: 4176
Ion Ratio Lower Upper
75 100
155 88.4 57.8 86.8#
157 113.0 75.1 112.7#





#87
1,2,4-Trichlorobenzene
Concen: 1.760 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47

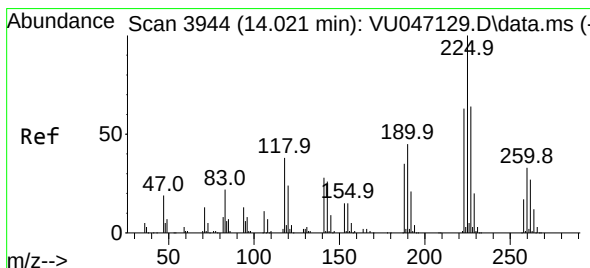
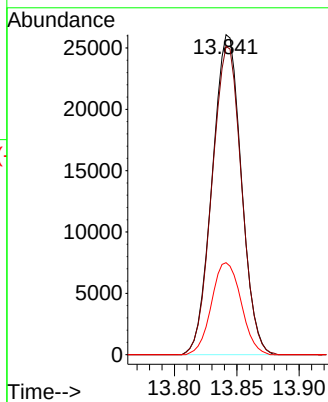
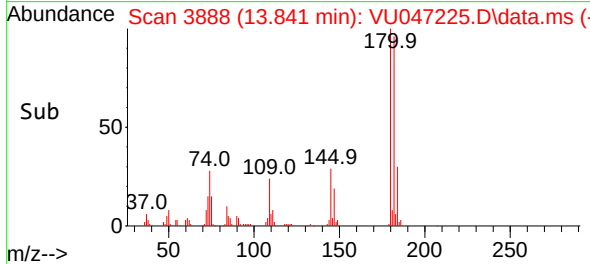
Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS01



Tgt Ion:180 Resp: 42375
Ion Ratio Lower Upper
180 100
182 97.2 75.8 113.8
145 29.2 25.3 37.9

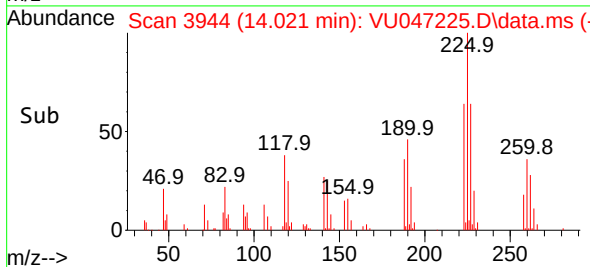
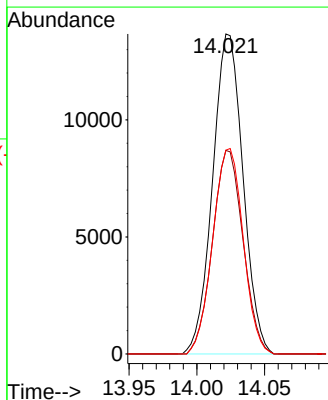
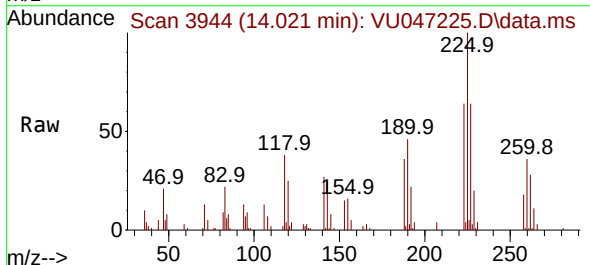
Manual Integrations
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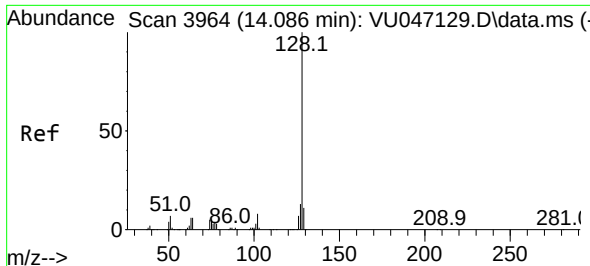
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#88
Hexachlorobutadiene
Concen: 1.730 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47

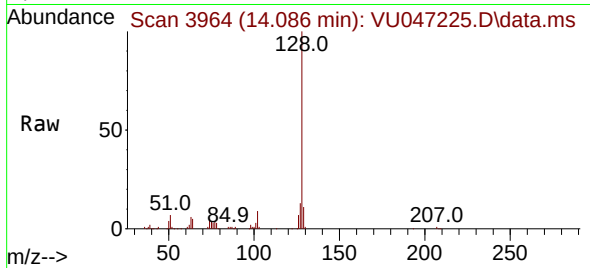
Tgt Ion:225 Resp: 21303
Ion Ratio Lower Upper
225 100
223 63.9 51.1 76.7
227 64.2 49.9 74.9





#89
Naphthalene
Concen: 1.663 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47

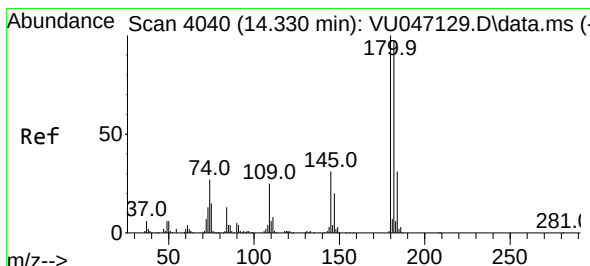
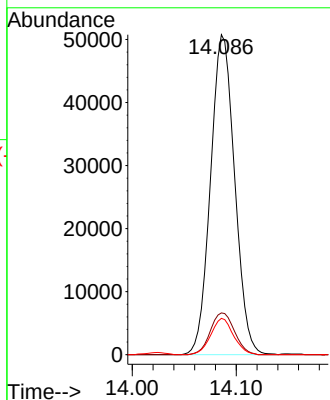
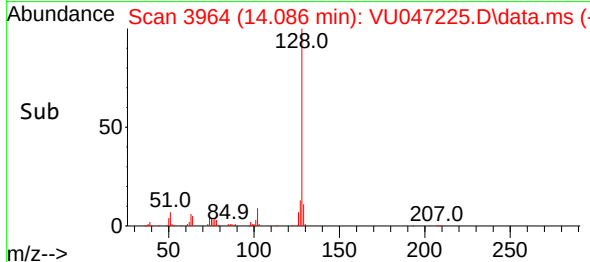
Instrument :
MSVOA_U
ClientSampleId :
VU0221WBS01



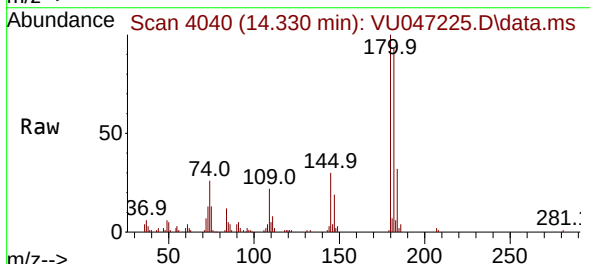
Tgt Ion:128 Resp: 81995
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 10.7 8.6 13.0

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



#90
1,2,3-Trichlorobenzene
Concen: 1.835 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047225.D
Acq: 21 Feb 2022 11:47



Tgt Ion:180 Resp: 39629
Ion Ratio Lower Upper
180 100
182 95.0 75.4 113.0
145 29.8 27.0 40.4

