

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032122\
 Data File : VU047626.D
 Acq On : 21 Mar 2022 11:39
 Operator : SY/MD
 Sample : VU0321WBS01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0321WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/22/2022
 Supervised By : Mahesh Dadoda 04/01/2022

Quant Time: Mar 22 01:47:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U031822DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Mar 18 13:19:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.112	96	33300	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.633	95	11536	0.929	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	13599	0.904	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.376	85	20810	1.730	ug/l	98
3) Chloromethane	1.520	50	20223	1.721	ug/l	98
4) Vinyl Chloride	1.598	62	19264	1.689	ug/l	98
5) Bromomethane	1.852	94	8575	1.282	ug/l	99
6) Chloroethane	1.929	64	11873	1.741	ug/l	99
7) Trichlorofluoromethane	2.135	101	26717	1.694	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	15374	1.706	ug/l	# 90
9) 1,1-Dichloroethene	2.575	96	15151	1.701	ug/l	92
10) Iodomethane	2.720	142	5594	2.183	ug/l	98
11) Allyl Chloride	2.919	41	20275	1.811	ug/l	98
12) Acrylonitrile	3.321	53	7743	3.940	ug/l	90
13) Acetone	2.646	43	12804	9.579	ug/l	98
14) Carbon Disulfide	2.790	76	48216	1.713	ug/l	97
15) Methylene Chloride	3.041	84	20488	1.514	ug/l	98
16) trans-1,2-Dichloroethene	3.347	96	15997	1.708	ug/l	95
17) 1,1-Dichloroethane	3.864	63	29529	1.858	ug/l	99
18) 2-Butanone	4.726	43	20134	9.672	ug/l	100
19) Cyclohexane	5.388	56	20792m	1.744	ug/l	
20) Methylcyclohexane	6.761	83	22655	1.656	ug/l	99
21) 2,2-Dichloropropane	4.662	77	25013	1.790	ug/l	94
22) cis-1,2-Dichloroethene	4.662	96	17843	1.754	ug/l	88
23) Diethyl Ether	2.372	59	11348	1.744	ug/l	95
24) tert-Butyl Alcohol	3.260	59	8628m	19.226	ug/l	
25) Methyl tert-Butyl Ether	3.363	73	39063	1.802	ug/l	94
26) Bromochloromethane	4.974	128	8971	1.744	ug/l	85
27) Chloroform	5.086	83	31010	1.805	ug/l	99
28) 1,1,1-Trichloroethane	5.314	97	26412	1.771	ug/l	95
29) 1,1-Dichloropropene	5.523	75	21777	1.801	ug/l	95
30) Carbon Tetrachloride	5.520	117	23277	1.751	ug/l	99
31) Isopropyl Ether	3.993	45	36931	1.750	ug/l	90
32) Ethyl-t-butyl ether	4.504	59	37744	1.772	ug/l	96
33) Tert-Amyl methyl ether	5.945	73	33919	1.694	ug/l	96
34) Propionitrile	4.803	54	5917	9.499	ug/l	# 83
35) Benzene	5.774	78	63084	1.744	ug/l	99
36) 1,2-Dichloroethane	5.794	62	19618	1.793	ug/l	99
37) Trichloroethene	6.543	130	18019	1.724	ug/l	92
38) 1,2-Dichloropropane	6.790	63	15922	1.709	ug/l	95
39) Methacrylonitrile	4.977	41	4701	1.803	ug/l	92
40) Methyl acrylate	4.851	55	8385	1.902	ug/l	# 94
41) Tetrahydrofuran	5.067	42	5058	3.822	ug/l	98
42) 1-Chlorobutane	5.456	56	28291	1.816	ug/l	100
43) Dibromomethane	6.919	93	9771	1.750	ug/l	# 86
44) Bromodichloromethane	7.109	83	22168	1.712	ug/l	92

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Instrument :
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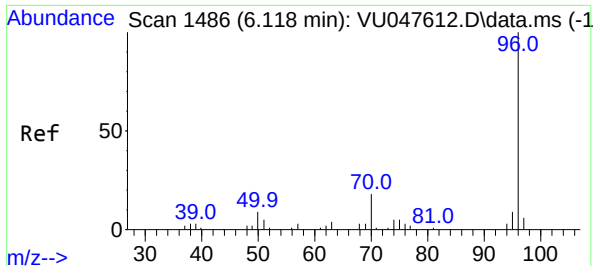
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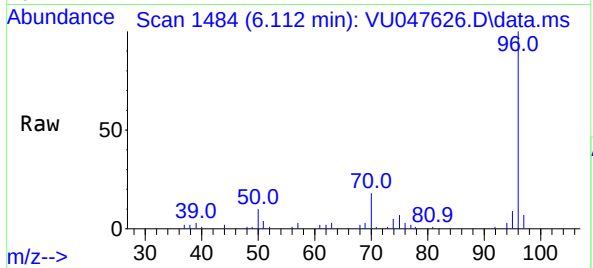
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.797	43	47375	8.489	ug/l	98
46) t-1,4-Dichloro-2-butene	10.838	75	7007m	2.890	ug/l	
47) Methyl methacrylate	6.964	69	15769	3.492	ug/l	91
48) Ethyl methacrylate	8.337	69	14021	1.648	ug/l	88
49) Toluene	7.970	92	37579	1.690	ug/l	96
50) t-1,3-Dichloropropene	8.211	75	19775	1.648	ug/l	97
51) cis-1,3-Dichloropropene	7.607	75	22032	1.668	ug/l	94
52) 1,1,2-Trichloroethane	8.401	97	13496	1.737	ug/l	97
53) 1,3-Dichloropropane	8.578	76	22179	1.754	ug/l	97
54) 2-Hexanone	8.691	43	31166	7.648	ug/l	99
55) Dibromochloromethane	8.809	129	16632	1.695	ug/l	99
56) 1,2-Dibromoethane	8.925	107	12835	1.660	ug/l	95
58) Tetrachloroethene	8.552	164	16086	1.669	ug/l	96
59) Chlorobenzene	9.449	112	44030	1.699	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.536	131	16965	1.687	ug/l	99
61) Pentachloroethane	11.430	117	13916	1.635	ug/l	86
62) Hexachloroethane	12.475	117	13065	1.546	ug/l #	72
63) Ethyl Benzene	9.572	91	65084	1.603	ug/l	98
64) m/p-Xylenes	9.694	106	52421	3.255	ug/l	93
65) o-Xylene	10.102	106	25062	1.645	ug/l	94
66) Styrene	10.115	104	41285	1.571	ug/l	95
67) Bromoform	10.292	173	10380	1.590	ug/l #	97
69) Isopropylbenzene	10.485	105	65578	1.625	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.784	83	17449	1.687	ug/l	99
71) 1,2,3-Trichloropropane	10.825	75	11751m	1.439	ug/l	
72) Bromobenzene	10.784	156	20562	1.700	ug/l	78
73) n-propylbenzene	10.909	120	18902	1.614	ug/l	83
74) 2-Chlorotoluene	10.986	126	17585	1.635	ug/l	83
75) 1,3,5-Trimethylbenzene	11.089	105	54399	1.658	ug/l	98
76) 4-Chlorotoluene	11.099	126	18799	1.643	ug/l	78
77) tert-Butylbenzene	11.420	119	56303	1.602	ug/l	92
78) 1,2,4-Trimethylbenzene	11.469	105	54559	1.631	ug/l	93
79) sec-Butylbenzene	11.645	105	74217	1.620	ug/l	97
80) Nitrobenzene	13.214	77	3087	7.306	ug/l #	94
81) p-Isopropyltoluene	11.793	119	59757	1.671	ug/l	97
82) 1,3-Dichlorobenzene	11.748	146	39477	1.652	ug/l	97
83) 1,4-Dichlorobenzene	11.838	146	39313	1.636	ug/l	96
84) n-Butylbenzene	12.211	91	55717	1.684	ug/l	94
85) 1,2-Dichlorobenzene	12.214	146	37839	1.648	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.999	75	2681	1.537	ug/l #	74
87) 1,2,4-Trichlorobenzene	13.841	180	25373	1.548	ug/l	98
88) Hexachlorobutadiene	14.021	225	15459	1.571	ug/l	98
89) Naphthalene	14.089	128	37035	1.330	ug/l	100
90) 1,2,3-Trichlorobenzene	14.333	180	22894	1.481	ug/l	96

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 14
Delta R.T. -0.006 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

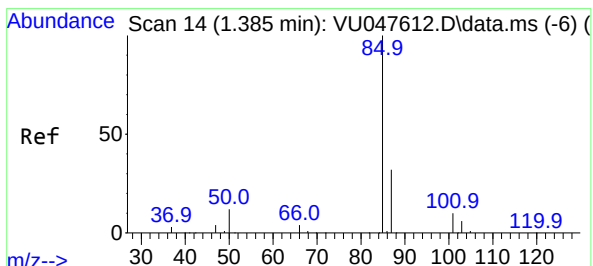
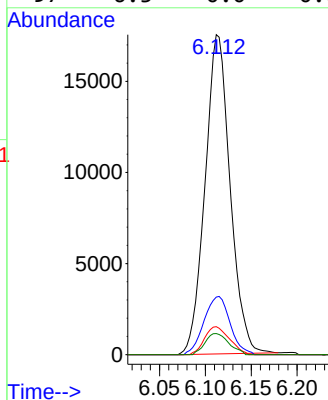
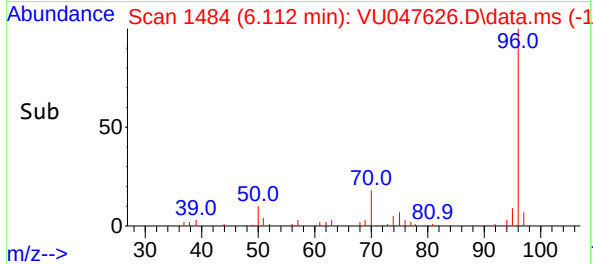
Instrument :
MSVOA_U
ClientSampleId :
VU0321WBS01



Tgt Ion: 96 Resp: 33300
Ion Ratio Lower Upper
96 100
70 19.0 16.8 25.2
95 8.7 7.3 10.9
97 6.3 0.0 0.0#

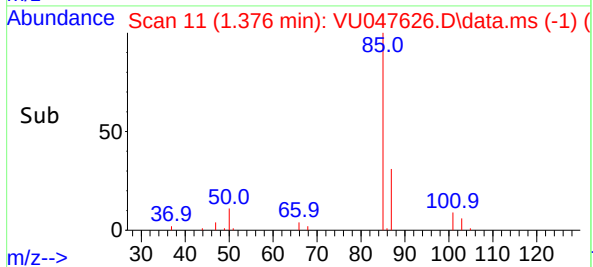
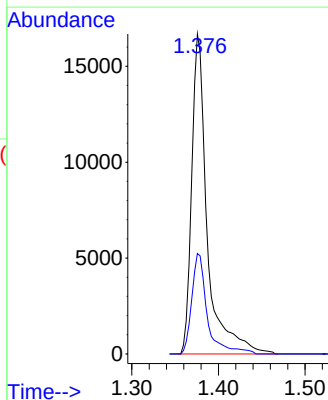
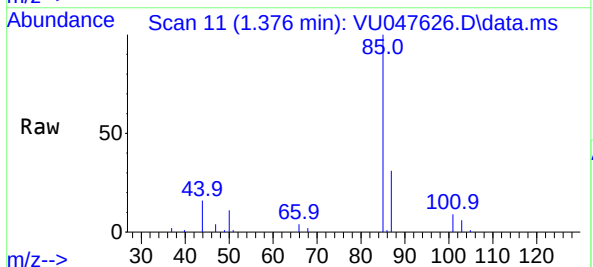
Manual Integrations
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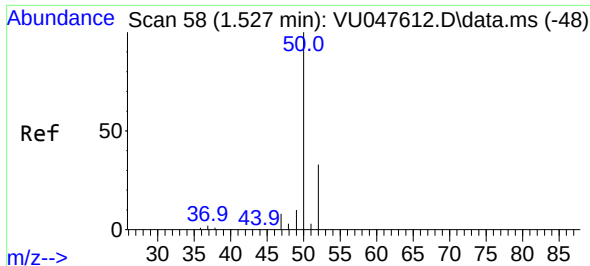
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#2
Dichlorodifluoromethane
Concen: 1.730 ug/l
RT: 1.376 min Scan# 11
Delta R.T. -0.010 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

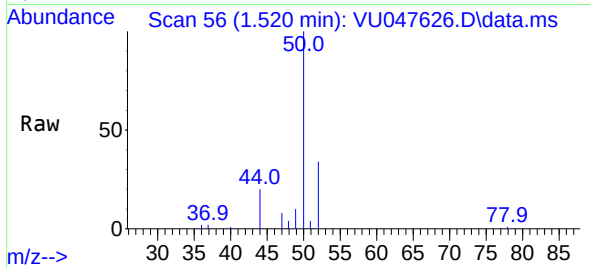
Tgt Ion: 85 Resp: 20810
Ion Ratio Lower Upper
85 100
87 31.4 16.2 48.6





#3
Chloromethane
Concen: 1.721 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.006 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

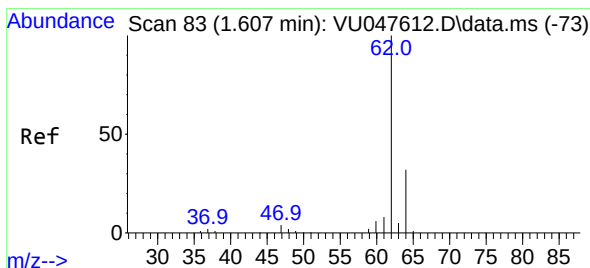
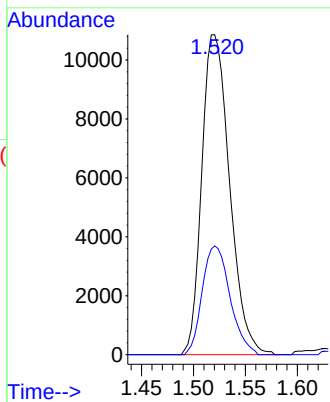
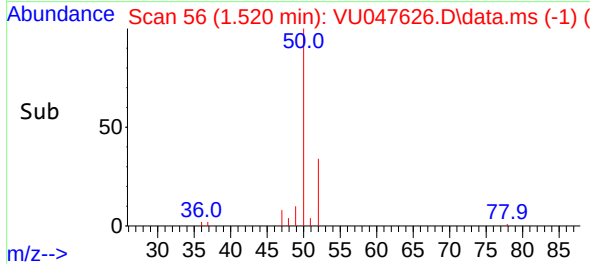
Instrument :
MSVOA_U
ClientSampleId :
VU0321WBS01



Tgt Ion: 50 Resp: 2022
Ion Ratio Lower Upper
50 100
52 34.0 26.2 39.4

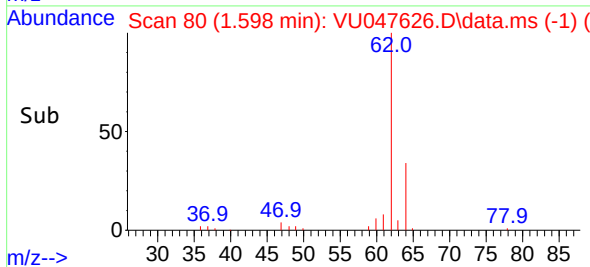
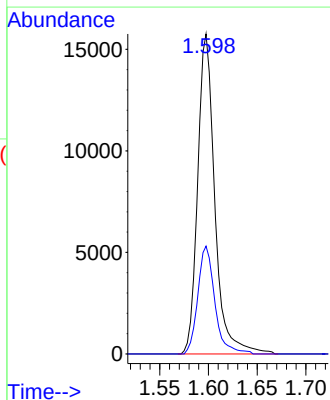
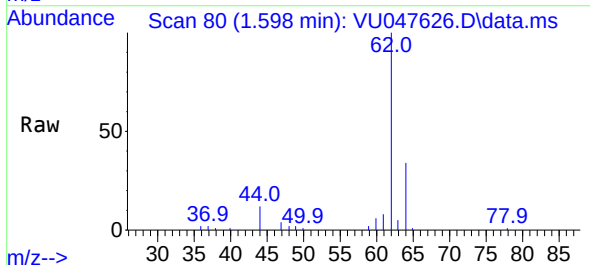
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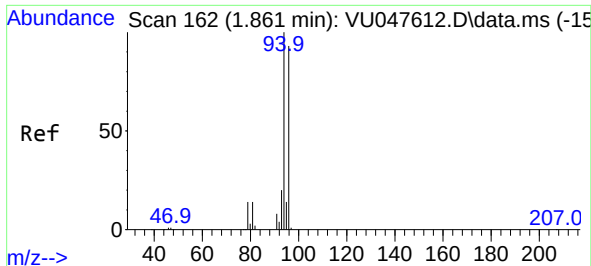
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#4
Vinyl Chloride
Concen: 1.689 ug/l
RT: 1.598 min Scan# 80
Delta R.T. -0.009 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

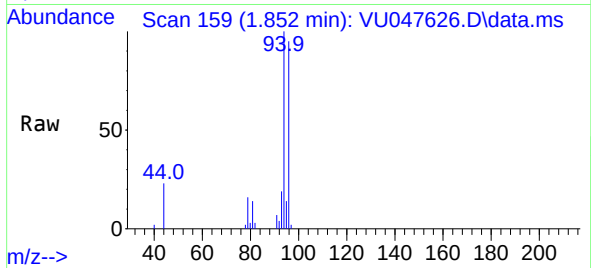
Tgt Ion: 62 Resp: 19264
Ion Ratio Lower Upper
62 100
64 33.7 26.0 39.0





#5
Bromomethane
Concen: 1.282 ug/l
RT: 1.852 min Scan# 11
Delta R.T. -0.010 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

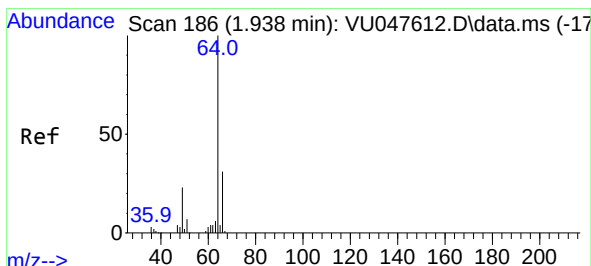
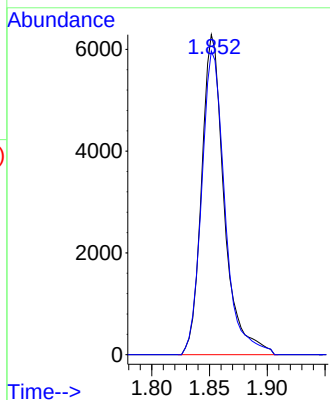
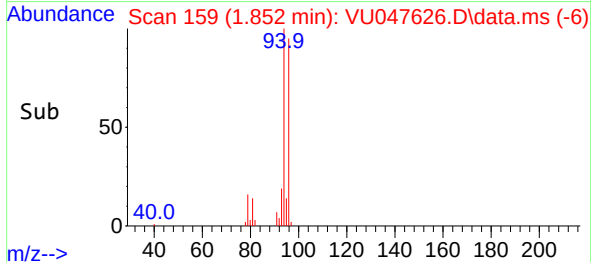
Instrument :
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Client Sample Id :
VU0321WBS01



Tgt Ion: 94 Resp: 857
Ion Ratio Lower Upper
94 100
96 94.9 75.0 112.4

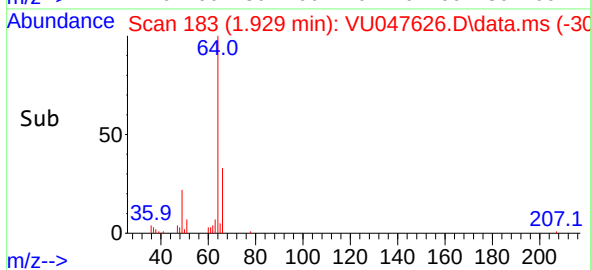
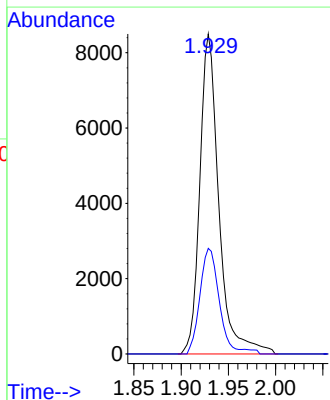
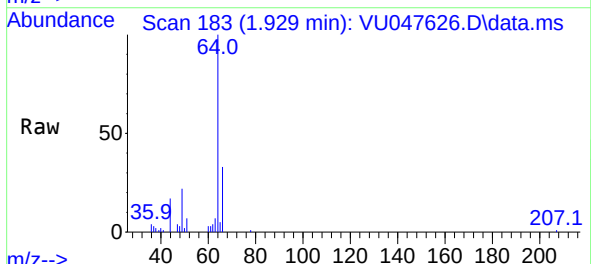
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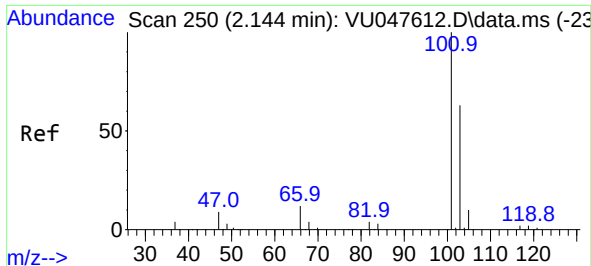
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#6
Chloroethane
Concen: 1.741 ug/l
RT: 1.929 min Scan# 183
Delta R.T. -0.010 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

Tgt Ion: 64 Resp: 11873
Ion Ratio Lower Upper
64 100
66 33.0 25.8 38.8





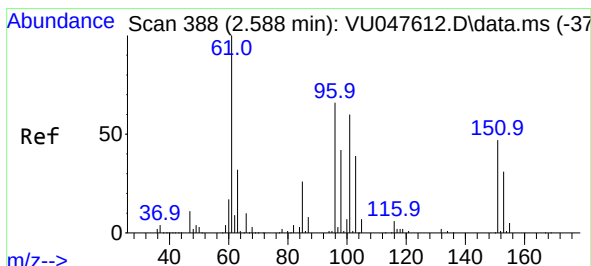
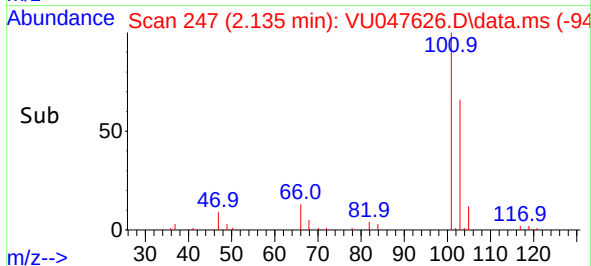
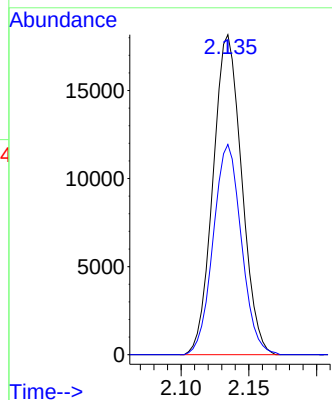
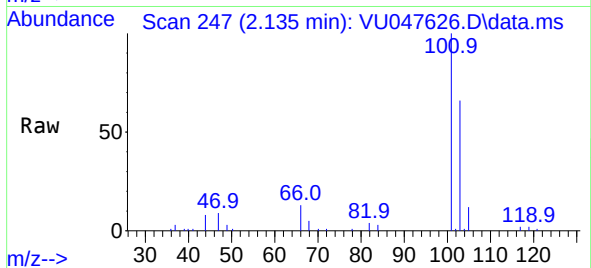
#7
Trichlorofluoromethane
Concen: 1.694 ug/l
RT: 2.135 min Scan# 247
Delta R.T. -0.009 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

Instrument :
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ClientSampleId :
VU0321WBS01

Tgt Ion:101 Resp: 2671
Ion Ratio Lower Upper
101 100
103 65.7 52.2 78.2

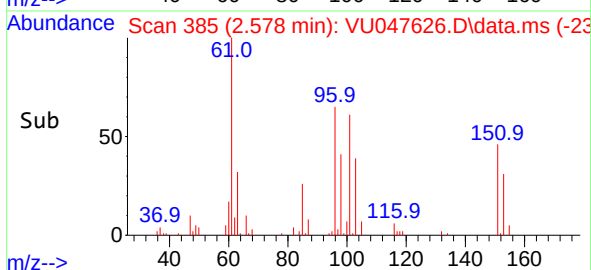
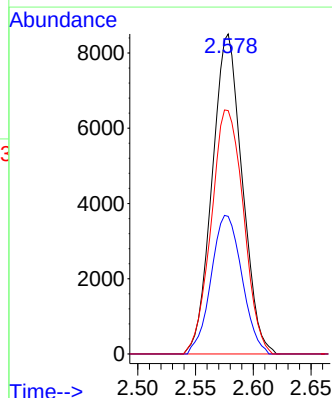
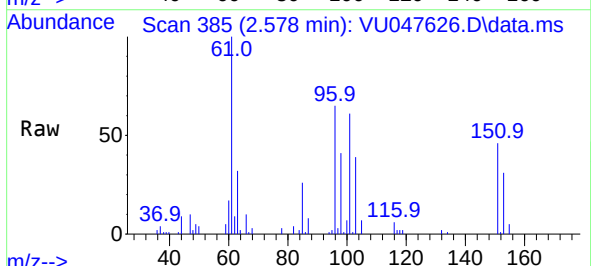
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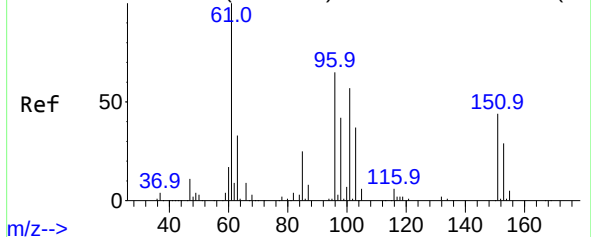


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.706 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.009 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

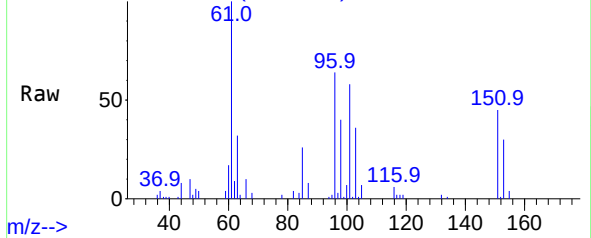
Tgt Ion:101 Resp: 15374
Ion Ratio Lower Upper
101 100
85 44.4 35.8 53.6
151 81.9 54.6 81.8#



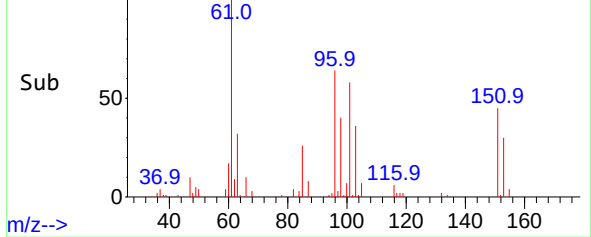
Abundance Scan 387 (2.584 min): VU047612.D\data.ms (-37



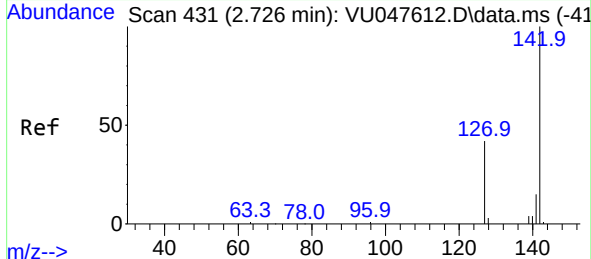
m/z--> Scan 384 (2.575 min): VU047626.D\data.ms



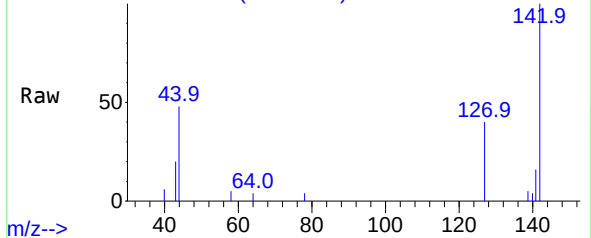
Abundance Scan 384 (2.575 min): VU047626.D\data.ms (-23



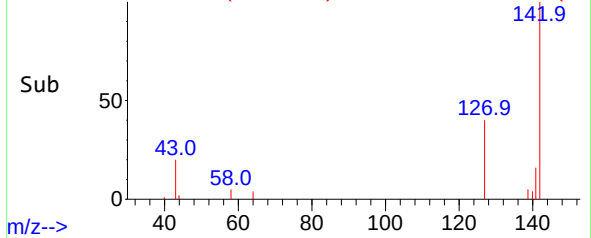
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m/z--> Scan 429 (2.720 min): VU047626.D\data.ms



Abundance Scan 429 (2.720 min): VU047626.D\data.ms (-27



m/z--> Scan 429 (2.720 min): VU047626.D\data.ms (-27

#9

1,1-Dichloroethene

Concen: 1.701 ug/l

RT: 2.575 min Scan# 384

Delta R.T. -0.009 min

Lab File: VU047626.D

Acq: 21 Mar 2022 11:39

Tgt Ion: 96 Resp: 1515

Ion Ratio Lower Upper

96 100

61 156.4 0.0 514.2

98 62.1 0.0 126.4

Instrument :

MSVOA_U

ClientSampleId :

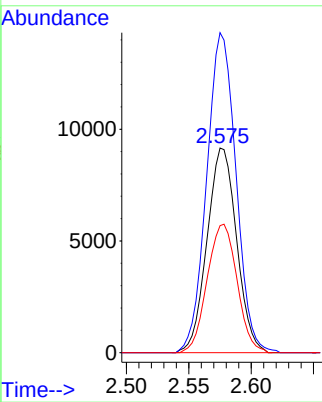
VU0321WBS01

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Supervised By :Mahesh Dadoda 04/01/2022



#10

Iodomethane

Concen: 2.183 ug/l

RT: 2.720 min Scan# 429

Delta R.T. -0.006 min

Lab File: VU047626.D

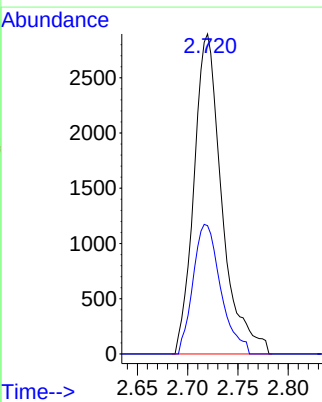
Acq: 21 Mar 2022 11:39

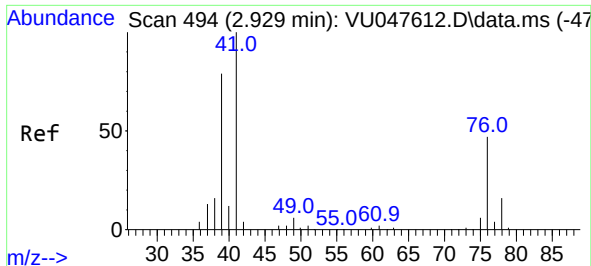
Tgt Ion:142 Resp: 5594

Ion Ratio Lower Upper

142 100

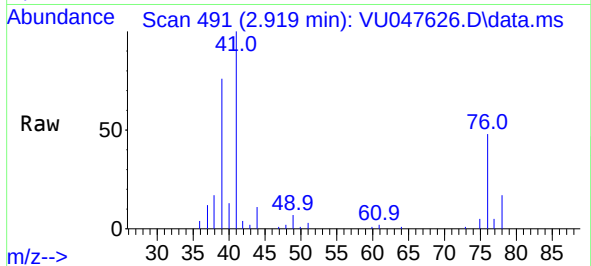
127 40.1 33.2 49.8





#11
 Allyl Chloride
 Concen: 1.811 ug/l
 RT: 2.919 min Scan# 491
 Delta R.T. -0.009 min
 Lab File: VU047626.D
 Acq: 21 Mar 2022 11:39

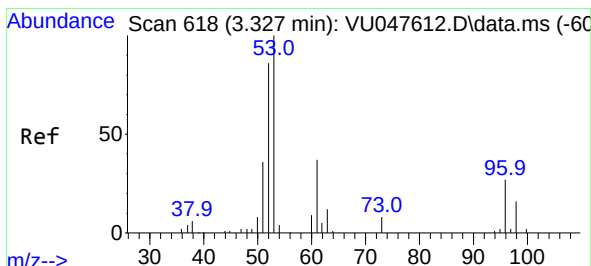
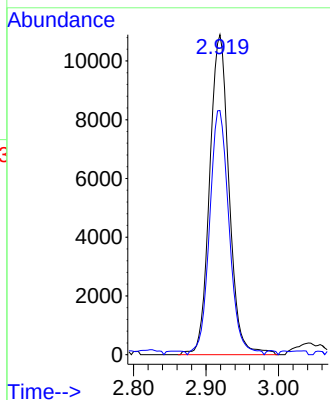
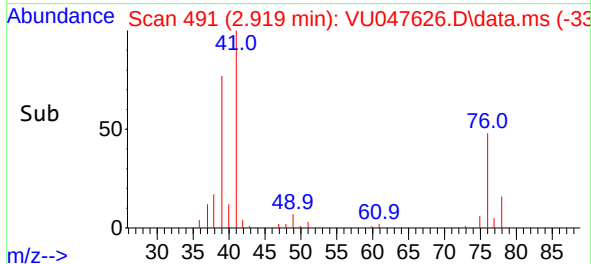
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0321WBS01



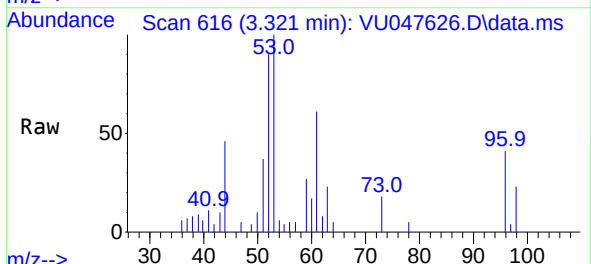
Tgt Ion: 41 Resp: 2027
 Ion Ratio Lower Upper
 41 100
 39 76.6 62.4 93.6

Manual Integrations
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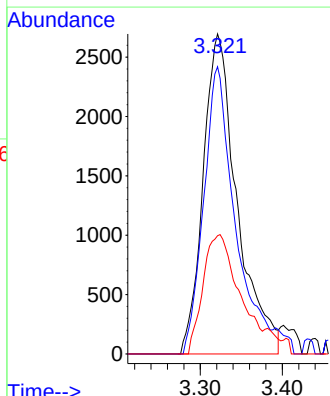
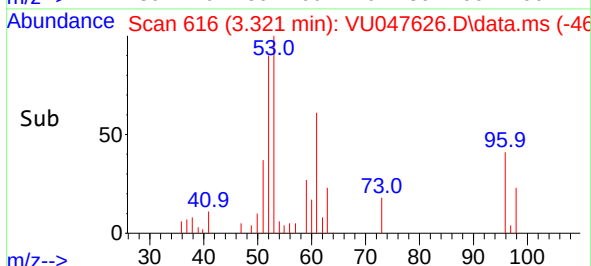
Reviewed By :John Carlone 03/22/2022
 Supervised By :Mahesh Dadoda 04/01/2022

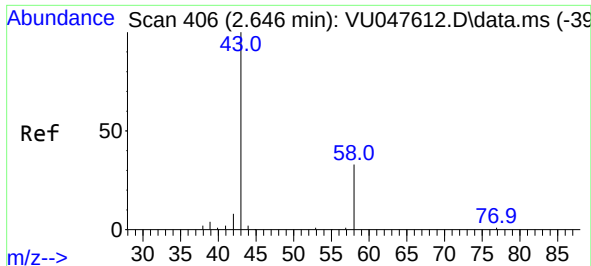


#12
 Acrylonitrile
 Concen: 3.940 ug/l
 RT: 3.321 min Scan# 616
 Delta R.T. -0.006 min
 Lab File: VU047626.D
 Acq: 21 Mar 2022 11:39



Tgt Ion: 53 Resp: 7743
 Ion Ratio Lower Upper
 53 100
 52 82.9 56.7 85.1
 51 39.6 30.3 45.5





#13

Acetone

Concen: 9.579 ug/l

RT: 2.646 min Scan# 406

Delta R.T. 0.000 min

Lab File: VU047626.D

Acq: 21 Mar 2022 11:39

Instrument :

MSVOA_U

ClientSampleId :

VU0321WBS01

Tgt Ion: 43 Resp: 12804

Ion Ratio Lower Upper

43 100

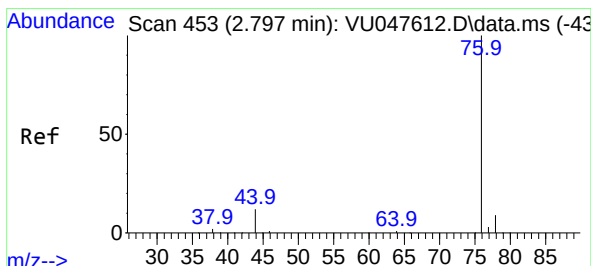
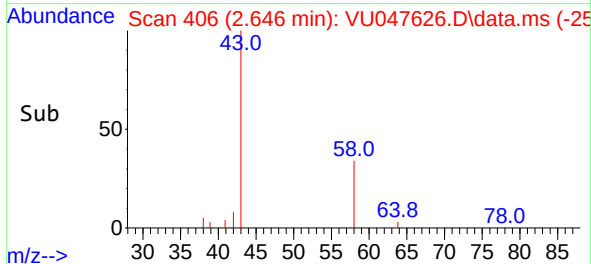
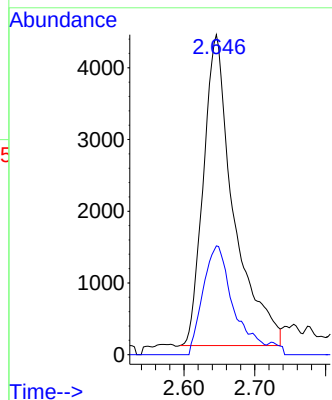
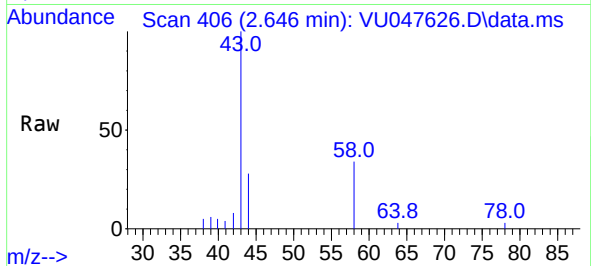
58 35.0 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 04/01/2022



#14

Carbon Disulfide

Concen: 1.713 ug/l

RT: 2.790 min Scan# 451

Delta R.T. -0.006 min

Lab File: VU047626.D

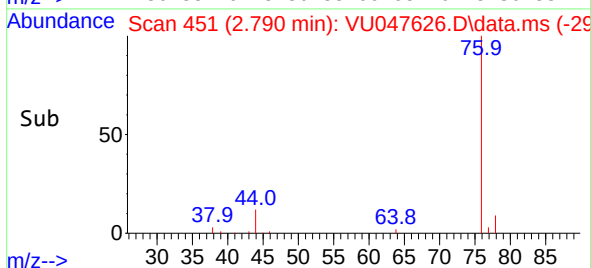
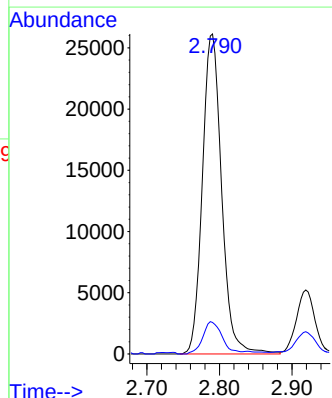
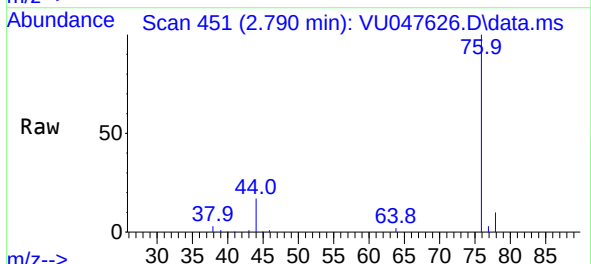
Acq: 21 Mar 2022 11:39

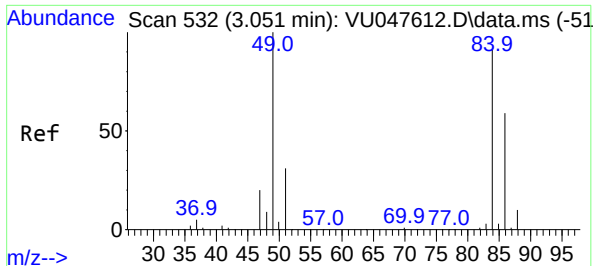
Tgt Ion: 76 Resp: 48216

Ion Ratio Lower Upper

76 100

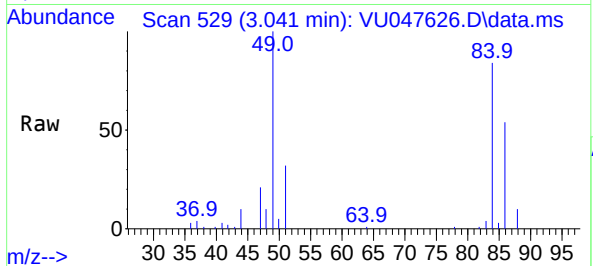
78 9.9 7.1 10.7





#15
Methylene Chloride
Concen: 1.514 ug/l
RT: 3.041 min Scan# 51
Delta R.T. -0.010 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

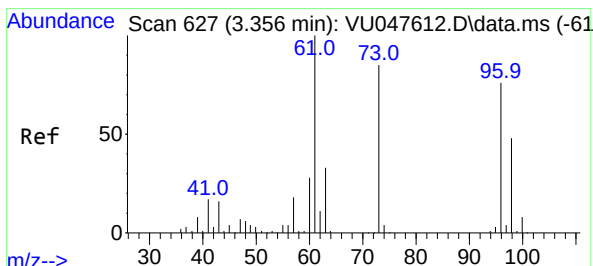
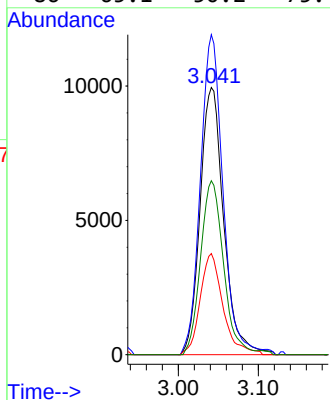
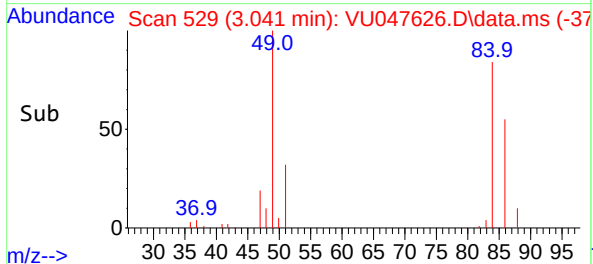
Instrument :
MSVOA_U
ClientSampleId :
VU0321WBS01



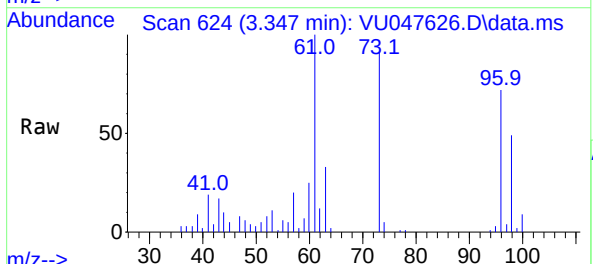
Tgt Ion: 84 Resp: 20488
Ion Ratio Lower Upper
84 100
49 119.7 97.2 145.8
51 37.8 0.0 73.4
86 65.1 50.2 75.4

Manual Integrations
APPROVED

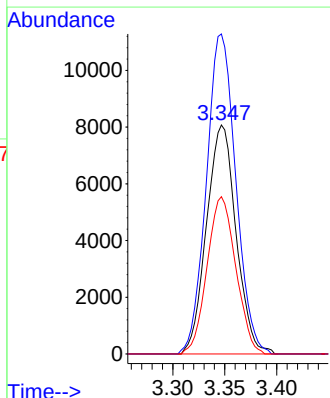
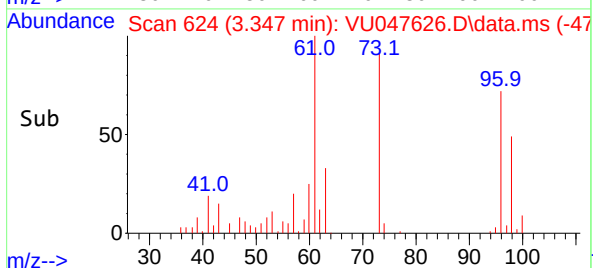
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022

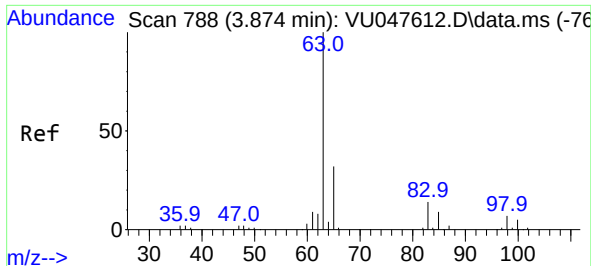


#16
trans-1,2-Dichloroethene
Concen: 1.708 ug/l
RT: 3.347 min Scan# 624
Delta R.T. -0.010 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39



Tgt Ion: 96 Resp: 15997
Ion Ratio Lower Upper
96 100
61 139.8 115.8 173.6
98 68.7 51.1 76.7





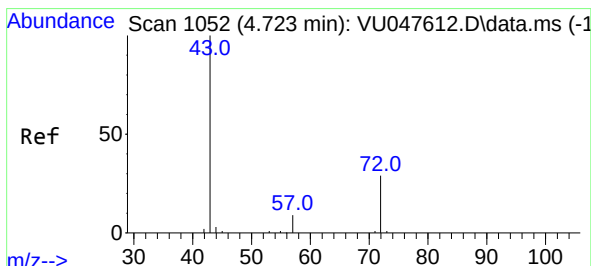
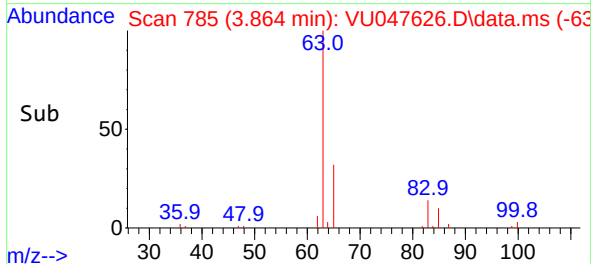
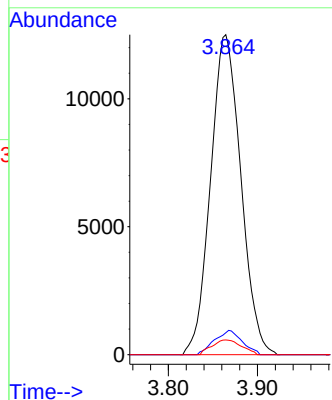
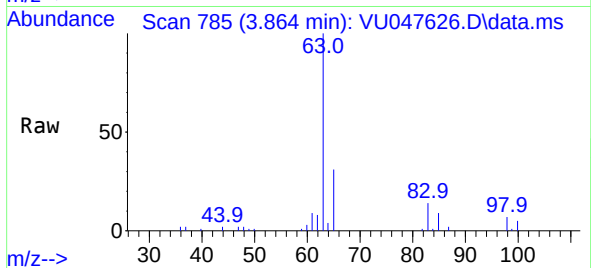
#17
1,1-Dichloroethane
Concen: 1.858 ug/l
RT: 3.864 min Scan# 785
Delta R.T. -0.009 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

Instrument :
MSVOA_U
ClientSampleId :
VU0321WBS01

Tgt Ion: 63 Resp: 29529
Ion Ratio Lower Upper
63 100
98 6.9 3.6 10.8
100 4.6 2.1 6.5

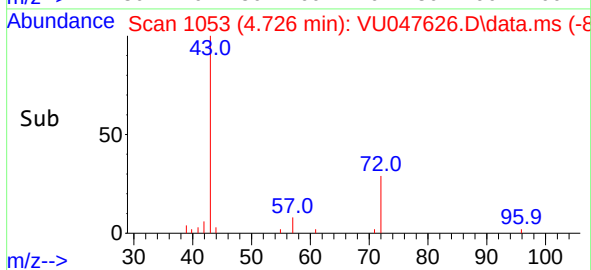
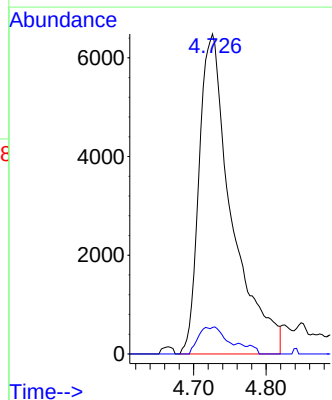
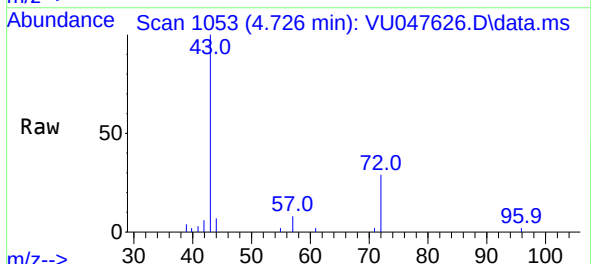
Manual Integrations
APPROVED

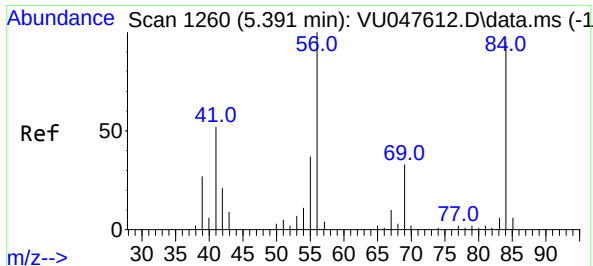
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#18
2-Butanone
Concen: 9.672 ug/l
RT: 4.726 min Scan# 1053
Delta R.T. 0.003 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

Tgt Ion: 43 Resp: 20134
Ion Ratio Lower Upper
43 100
57 8.3 0.0 16.6





#19

Cyclohexane

Concen: 1.744 ug/l m

RT: 5.388 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU047626.D

Acq: 21 Mar 2022 11:39

Instrument :

MSVOA_U

ClientSampleId :

VU0321WBS01

Tgt Ion: 56 Resp: 2079

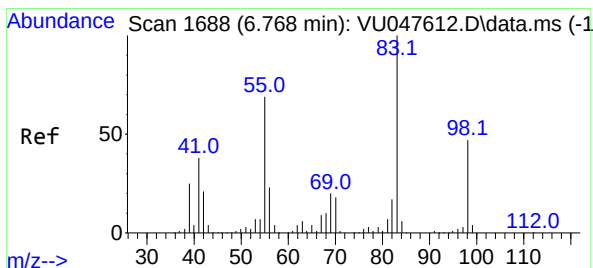
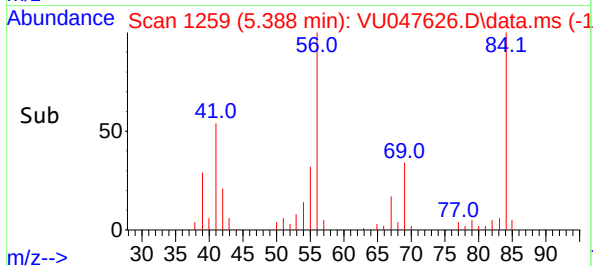
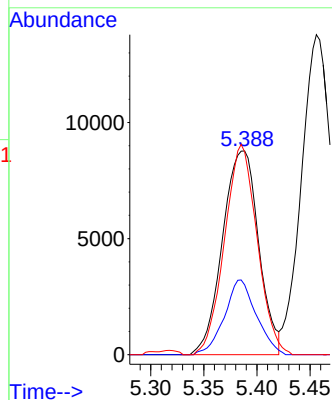
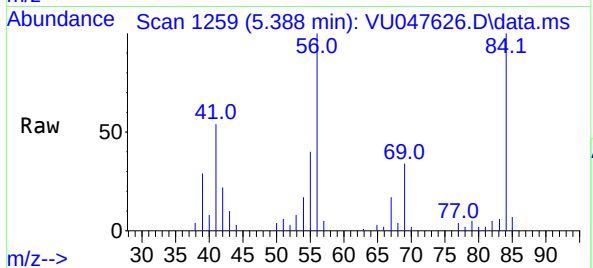
Ion	Ratio	Lower	Upper
56	100		
69	32.4	24.7	37.1
84	93.0	68.8	103.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 04/01/2022



#20

Methylcyclohexane

Concen: 1.656 ug/l

RT: 6.761 min Scan# 1686

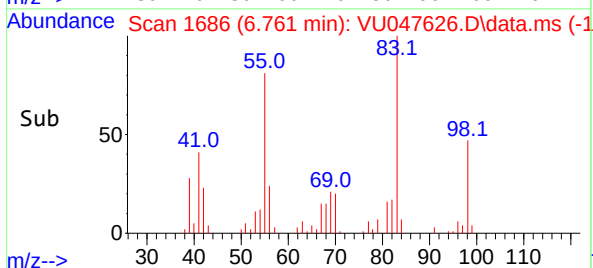
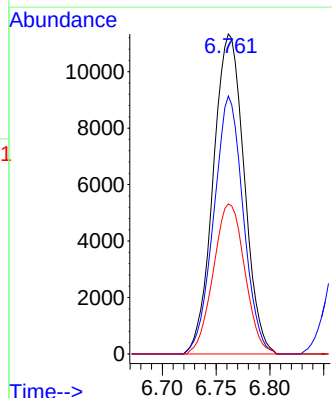
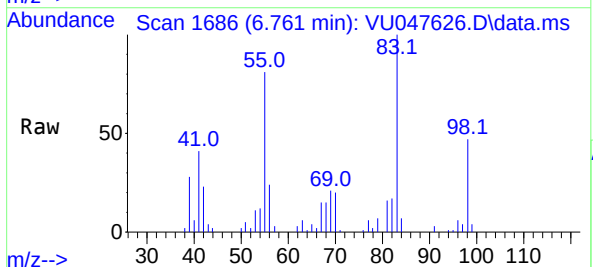
Delta R.T. -0.006 min

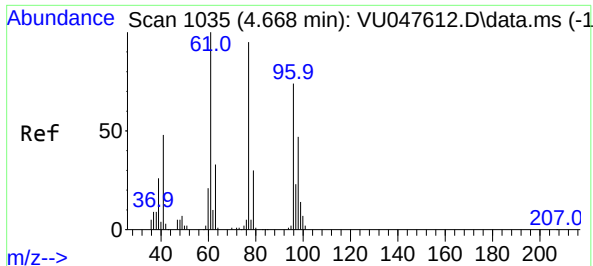
Lab File: VU047626.D

Acq: 21 Mar 2022 11:39

Tgt Ion: 83 Resp: 22655

Ion	Ratio	Lower	Upper
83	100		
55	76.9	61.9	92.9
98	47.8	37.4	56.2





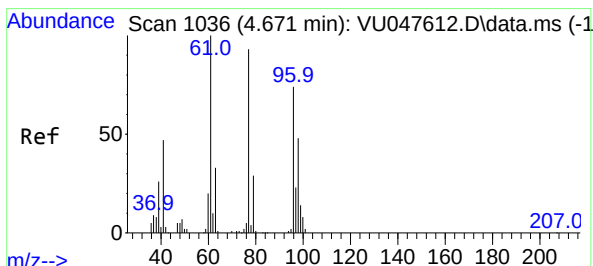
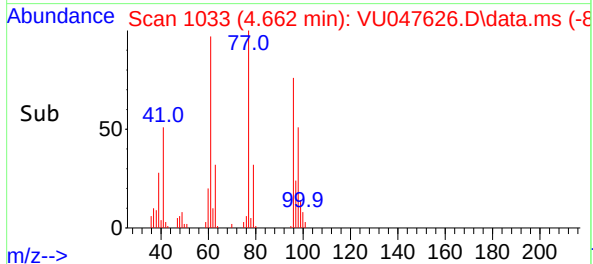
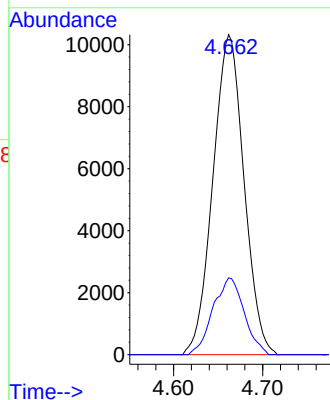
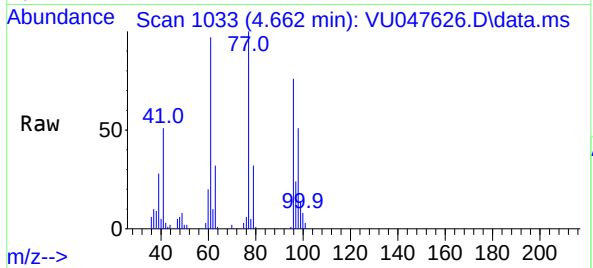
#21
2,2-Dichloropropane
Concen: 1.790 ug/l
RT: 4.662 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

Instrument :
MSVOA_U
ClientSampleId :
VU0321WBS01

Tgt Ion: 77 Resp: 2501
Ion Ratio Lower Upper
77 100
97 24.1 17.2 25.8

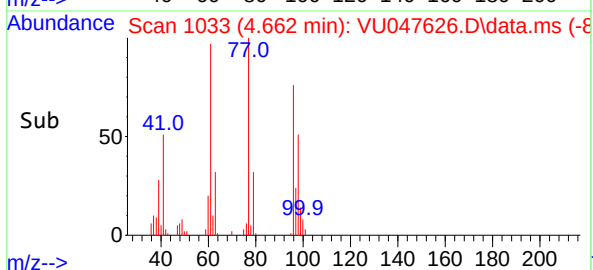
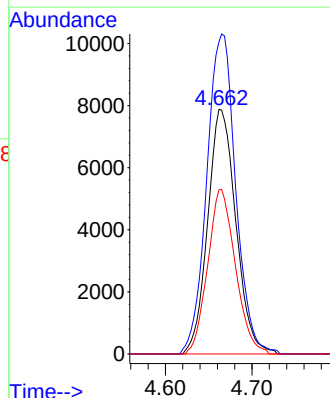
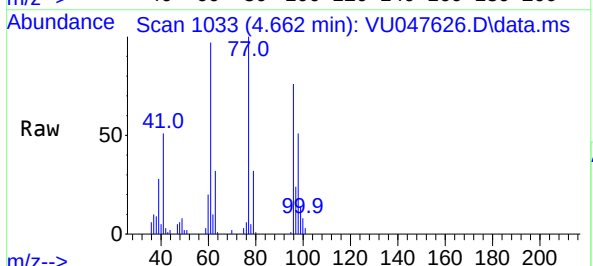
Manual Integrations
APPROVED

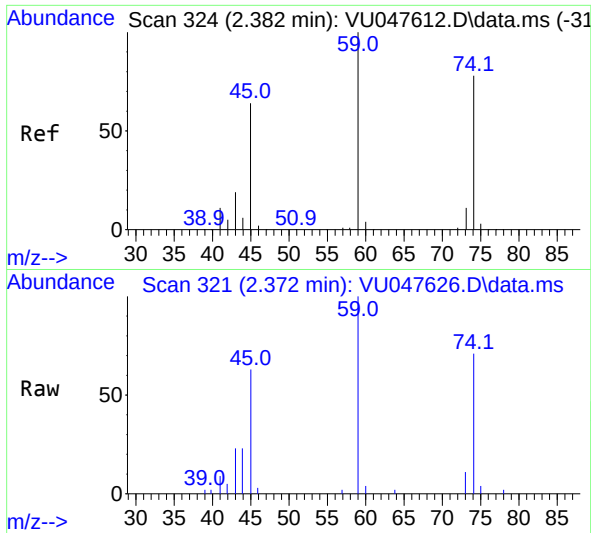
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#22
cis-1,2-Dichloroethene
Concen: 1.754 ug/l
RT: 4.662 min Scan# 1033
Delta R.T. -0.009 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

Tgt Ion: 96 Resp: 17843
Ion Ratio Lower Upper
96 100
61 134.2 0.0 385.3
98 65.9 32.1 96.3





#23

Diethyl Ether

Concen: 1.744 ug/l

RT: 2.372 min Scan# 31

Delta R.T. -0.009 min

Lab File: VU047626.D

Acq: 21 Mar 2022 11:39

Instrument :

MSVOA_U

ClientSampleId :

VU0321WBS01

Tgt Ion: 59 Resp: 1134

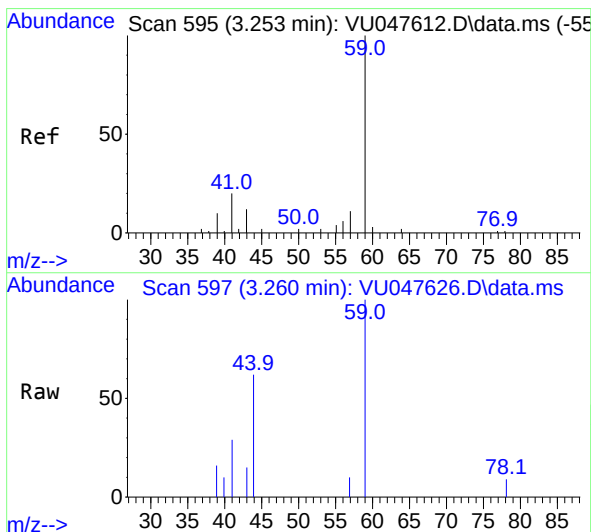
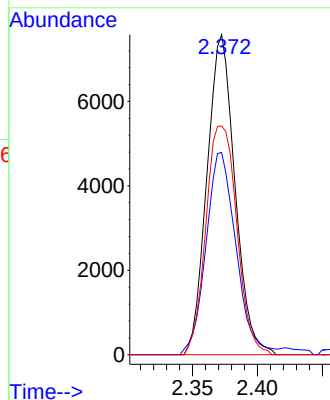
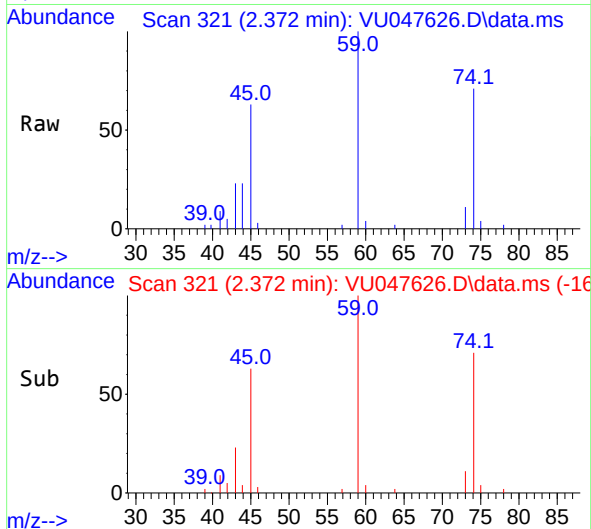
Ion	Ratio	Lower	Upper
59	100		
45	67.8	55.6	83.4
74	79.2	58.1	87.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 04/01/2022



#24

tert-Butyl Alcohol

Concen: 19.226 ug/l m

RT: 3.260 min Scan# 597

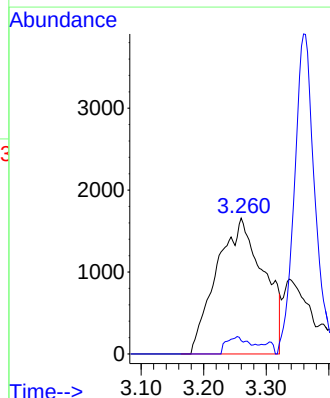
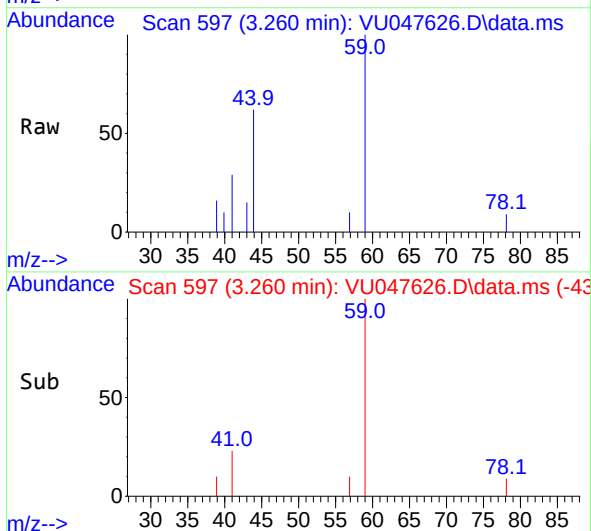
Delta R.T. 0.007 min

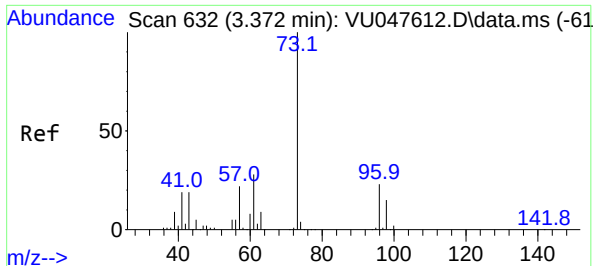
Lab File: VU047626.D

Acq: 21 Mar 2022 11:39

Tgt Ion: 59 Resp: 8628

Ion	Ratio	Lower	Upper
59	100		
57	5.7	6.5	9.7#





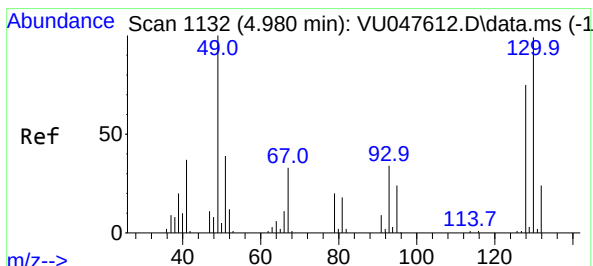
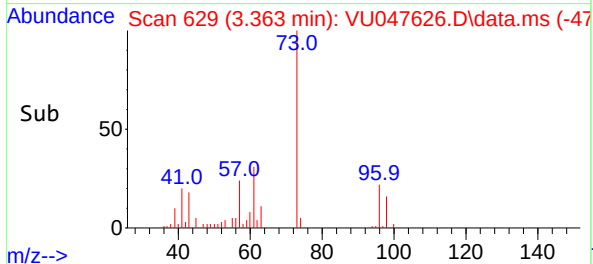
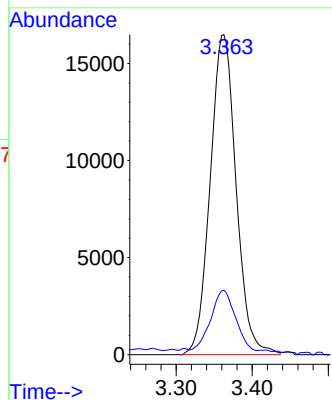
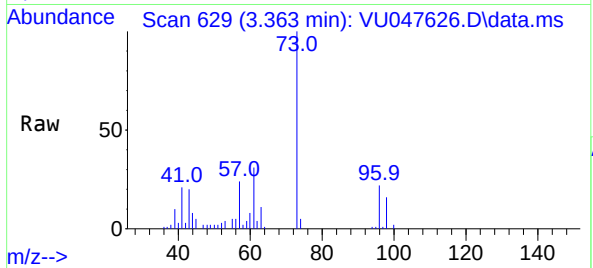
#25
Methyl tert-Butyl Ether
Concen: 1.802 ug/l
RT: 3.363 min Scan# 61
Delta R.T. -0.009 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

Instrument :
MSVOA_U
ClientSampleId :
VU0321WBS01

Tgt Ion: 73 Resp: 3906
Ion Ratio Lower Upper
73 100
43 17.5 16.3 24.5

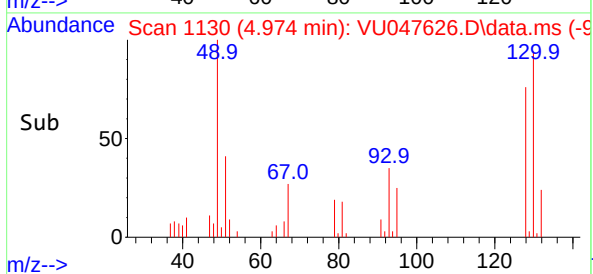
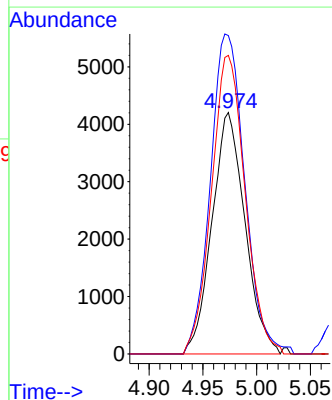
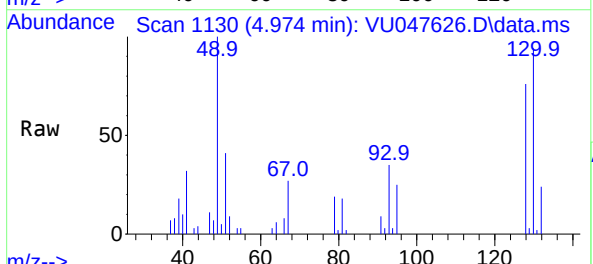
Manual Integrations
APPROVED

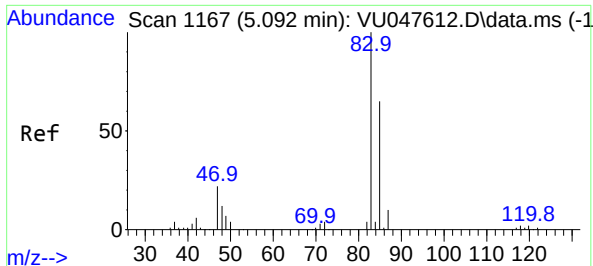
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#26
Bromochloromethane
Concen: 1.744 ug/l
RT: 4.974 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

Tgt Ion:128 Resp: 8971
Ion Ratio Lower Upper
128 100
49 138.2 0.0 347.4
130 126.3 101.5 152.3





#27

Chloroform

Concen: 1.805 ug/l

RT: 5.086 min Scan# 1165

Delta R.T. -0.006 min

Lab File: VU047626.D

Acq: 21 Mar 2022 11:39

Instrument :

MSVOA_U

ClientSampleId :

VU0321WBS01

Tgt Ion: 83 Resp: 31010

Ion Ratio Lower Upper

83 100

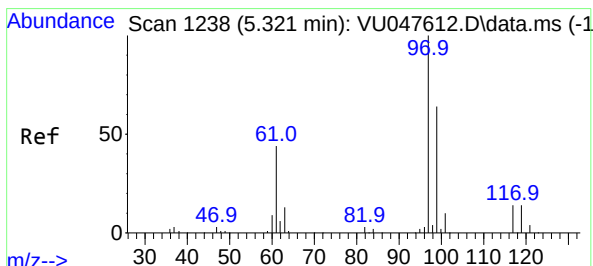
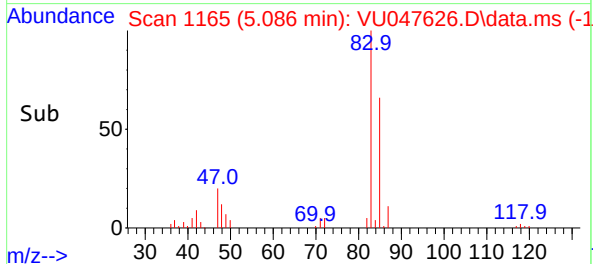
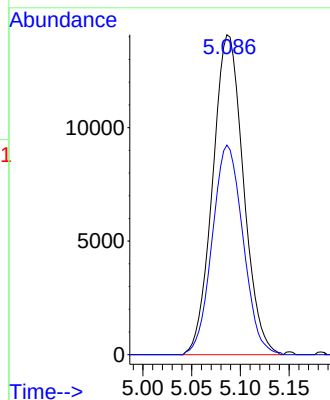
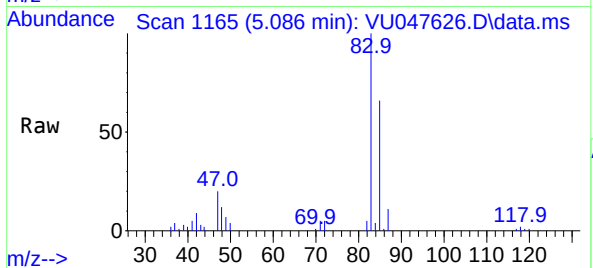
85 65.5 0.0 129.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 04/01/2022



#28

1,1,1-Trichloroethane

Concen: 1.771 ug/l

RT: 5.314 min Scan# 1236

Delta R.T. -0.006 min

Lab File: VU047626.D

Acq: 21 Mar 2022 11:39

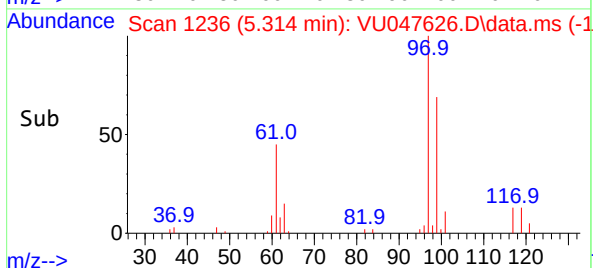
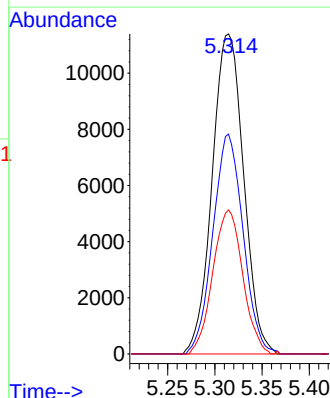
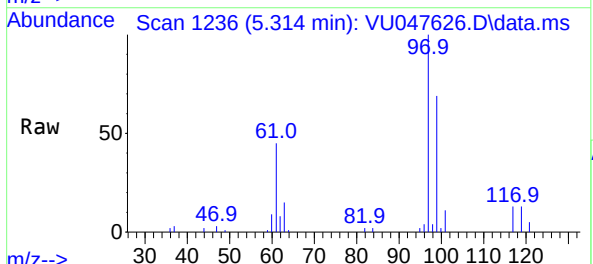
Tgt Ion: 97 Resp: 26412

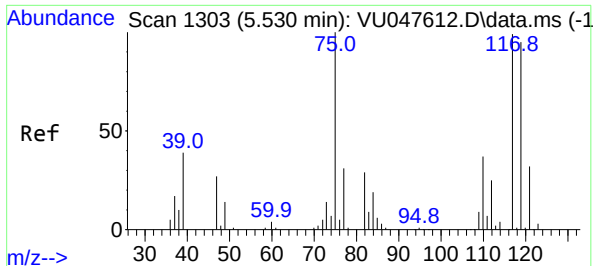
Ion Ratio Lower Upper

97 100

99 65.9 32.2 96.6

61 42.8 24.5 73.5





#29

1,1-Dichloropropene

Concen: 1.801 ug/l

RT: 5.523 min Scan# 11

Delta R.T. -0.006 min

Lab File: VU047626.D

Acq: 21 Mar 2022 11:39

Instrument :

MSVOA_U

ClientSampleId :

VU0321WBS01

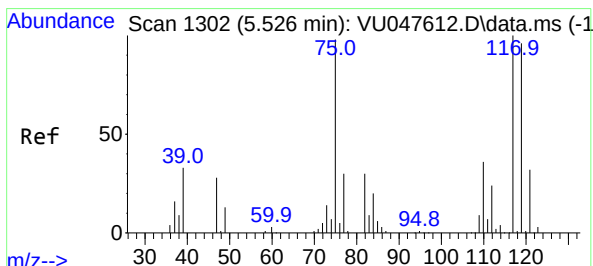
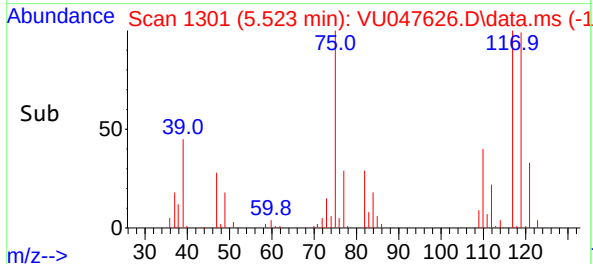
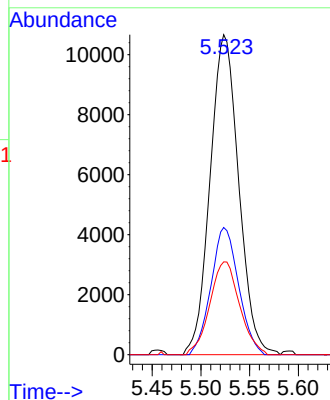
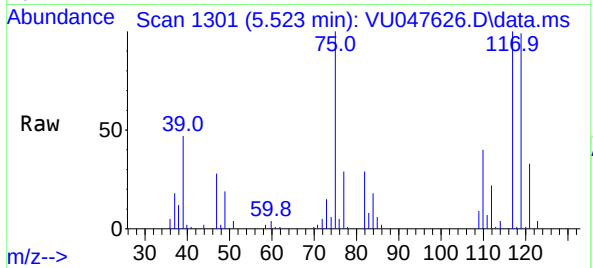
Tgt Ion: 75	Resp: 2177
Ion Ratio	Lower Upper
75	100
110	38.5 16.8 50.3
77	30.3 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 04/01/2022



#30

Carbon Tetrachloride

Concen: 1.751 ug/l

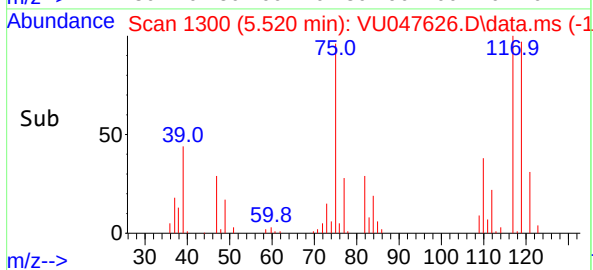
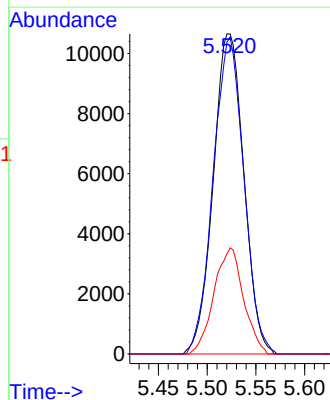
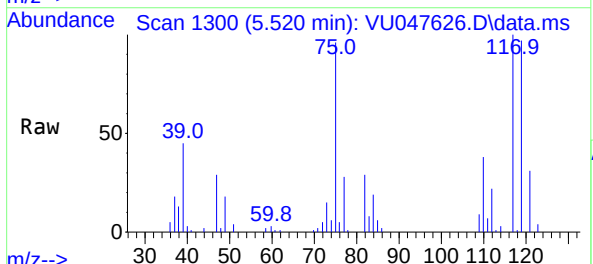
RT: 5.520 min Scan# 1300

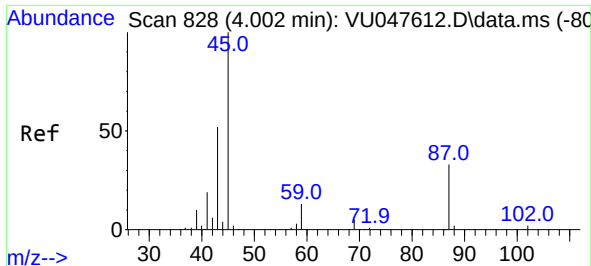
Delta R.T. -0.006 min

Lab File: VU047626.D

Acq: 21 Mar 2022 11:39

Tgt Ion: 117	Resp: 23277
Ion Ratio	Lower Upper
117	100
119	97.5 76.8 115.2
121	31.3 24.6 37.0





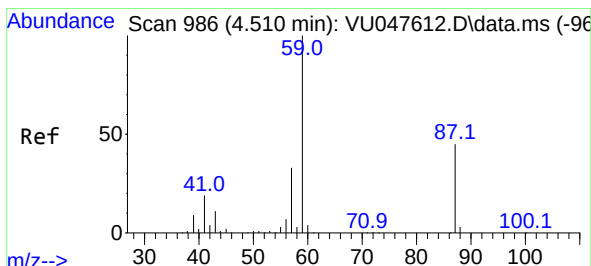
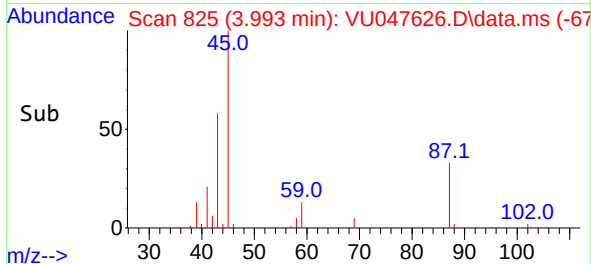
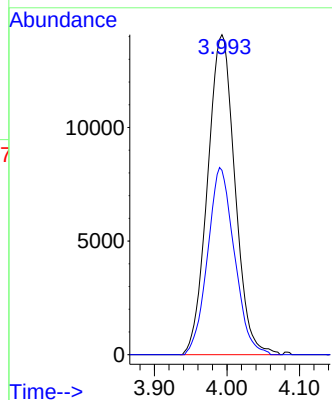
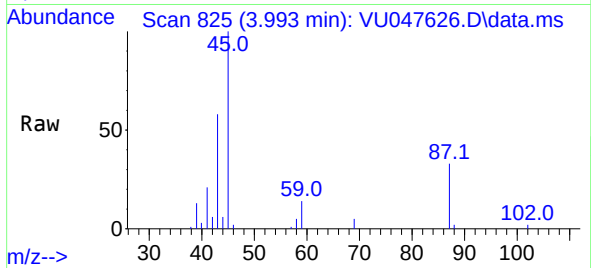
#31
Isopropyl Ether
Concen: 1.750 ug/l
RT: 3.993 min Scan# 81
Delta R.T. -0.009 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

Instrument :
MSVOA_U
ClientSampleId :
VU0321WBS01

Tgt Ion: 45 Resp: 3693
Ion Ratio Lower Upper
45 100
43 57.4 25.3 75.8

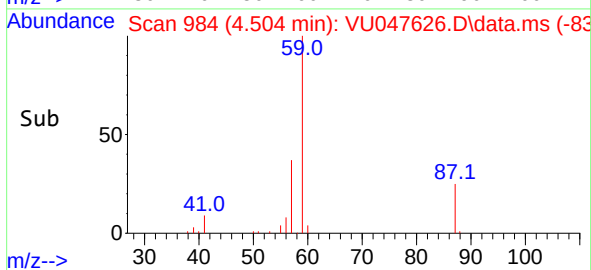
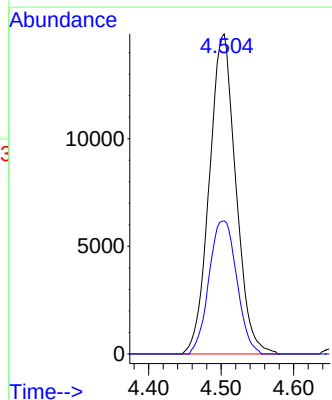
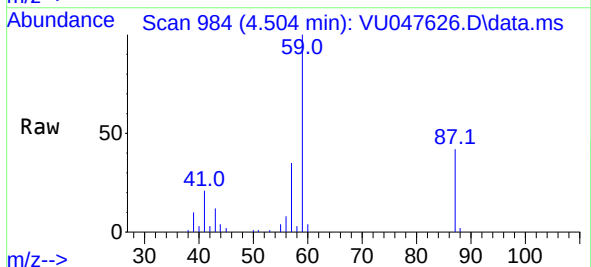
Manual Integrations
APPROVED

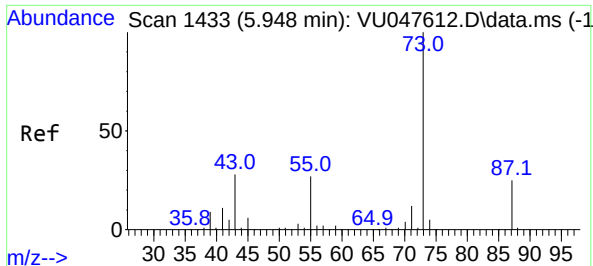
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#32
Ethyl-t-butyl ether
Concen: 1.772 ug/l
RT: 4.504 min Scan# 984
Delta R.T. -0.006 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

Tgt Ion: 59 Resp: 37744
Ion Ratio Lower Upper
59 100
87 43.6 32.7 49.1





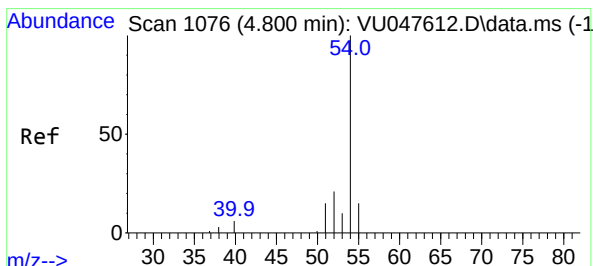
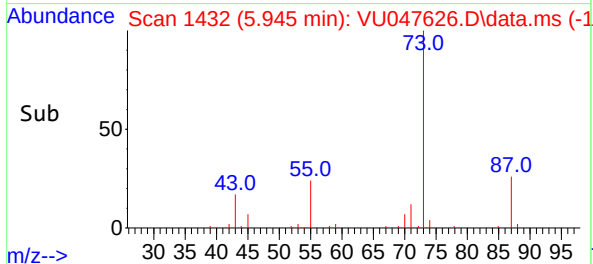
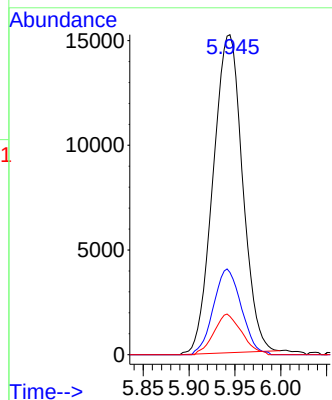
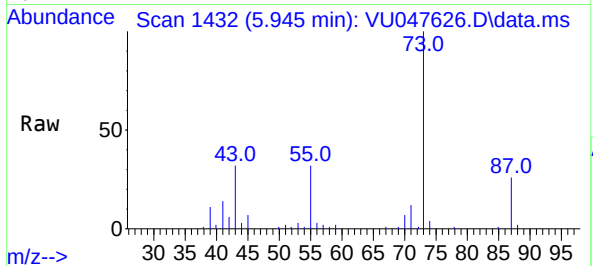
#33
Tert-Amyl methyl ether
Concen: 1.694 ug/l
RT: 5.945 min Scan# 1433
Delta R.T. -0.003 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

Instrument :
MSVOA_U
Client Sample Id :
VU0321WBS01

Tgt Ion: 73 Resp: 33919
Ion Ratio Lower Upper
73 100
87 25.6 18.6 28.0
71 12.1 9.0 13.6

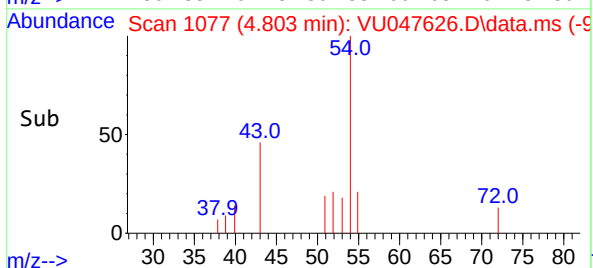
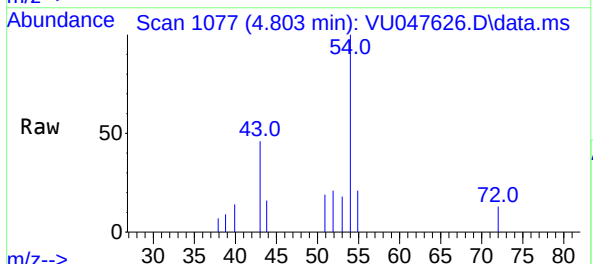
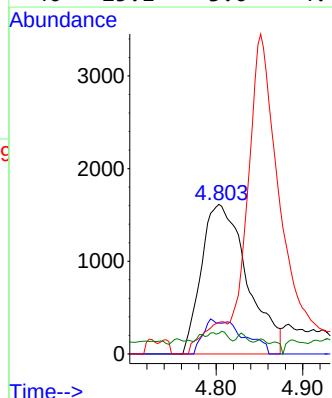
Manual Integrations
APPROVED

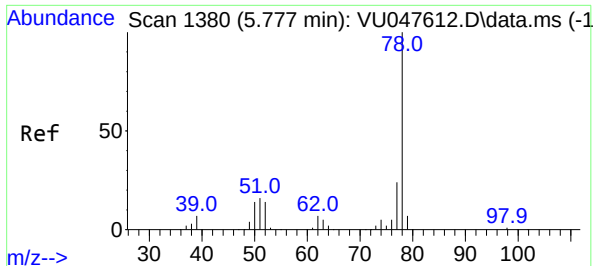
Reviewed By : John Carlone 03/22/2022
Supervised By : Mahesh Dadoda 04/01/2022



#34
Propionitrile
Concen: 9.499 ug/l
RT: 4.803 min Scan# 1077
Delta R.T. 0.003 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

Tgt Ion: 54 Resp: 5917
Ion Ratio Lower Upper
54 100
52 9.0 11.9 17.9#
55 11.5 8.0 12.0
40 25.1 3.0 4.4#





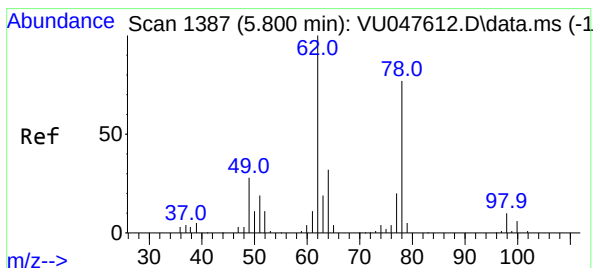
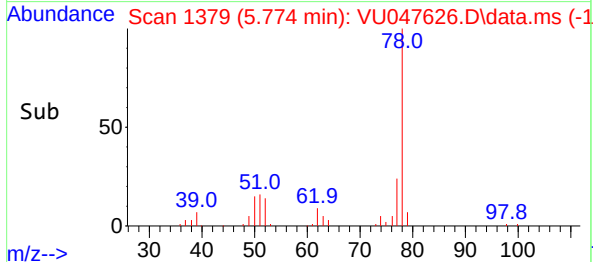
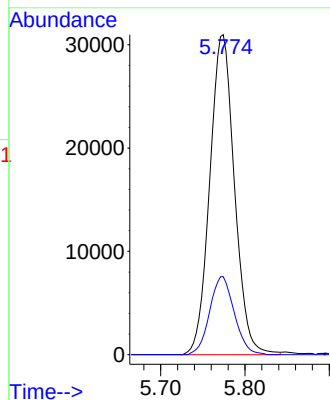
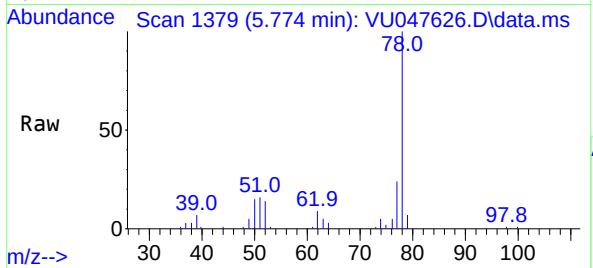
#35
Benzene
Concen: 1.744 ug/l
RT: 5.774 min Scan# 1379
Delta R.T. -0.003 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

Instrument :
MSVOA_U
ClientSampleId :
VU0321WBS01

Tgt Ion: 78 Resp: 63084
Ion Ratio Lower Upper
78 100
77 24.4 19.1 28.7

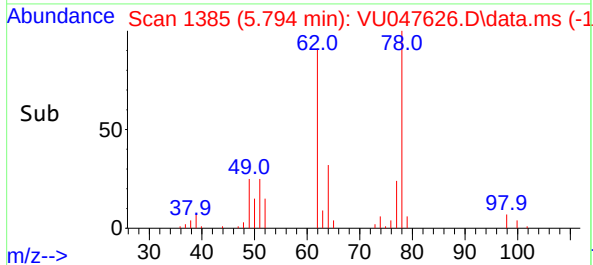
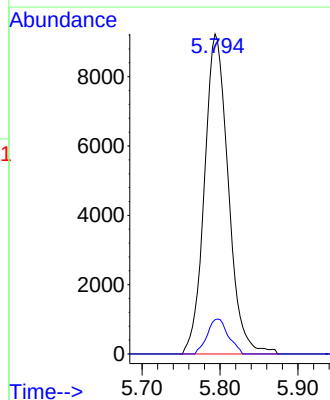
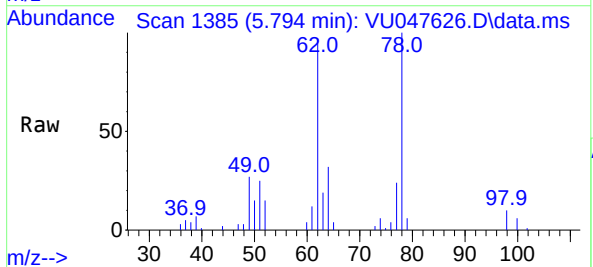
Manual Integrations
APPROVED

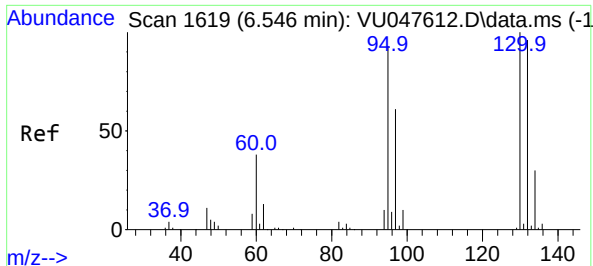
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#36
1,2-Dichloroethane
Concen: 1.793 ug/l
RT: 5.794 min Scan# 1385
Delta R.T. -0.006 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

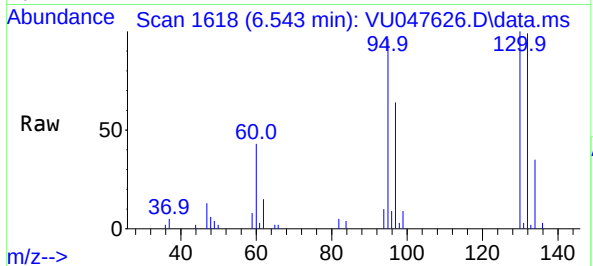
Tgt Ion: 62 Resp: 19618
Ion Ratio Lower Upper
62 100
98 9.6 7.3 10.9





#37
Trichloroethene
Concen: 1.724 ug/l
RT: 6.543 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

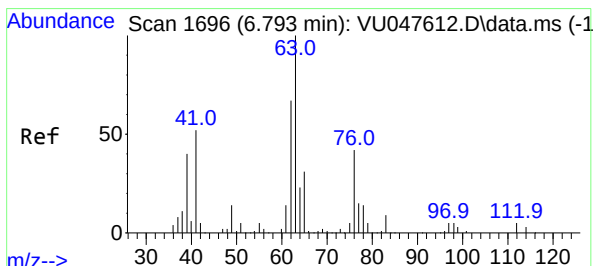
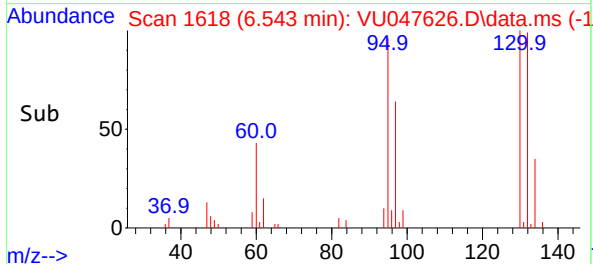
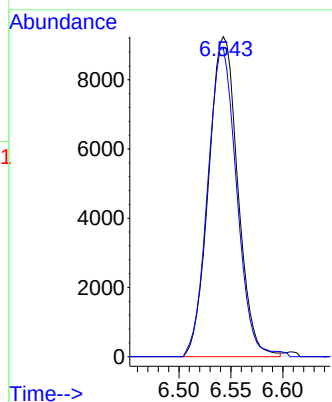
Instrument :
MSVOA_U
ClientSampleId :
VU0321WBS01



Tgt Ion:130 Resp: 18019
Ion Ratio Lower Upper
130 100
95 96.3 83.8 125.8

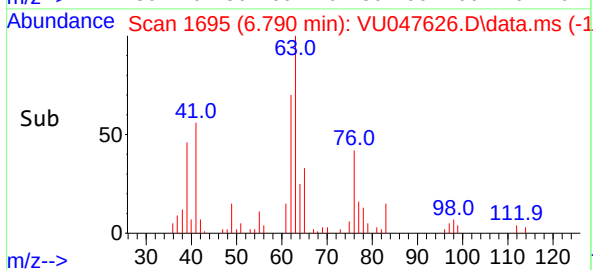
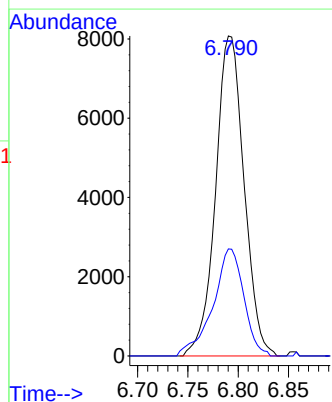
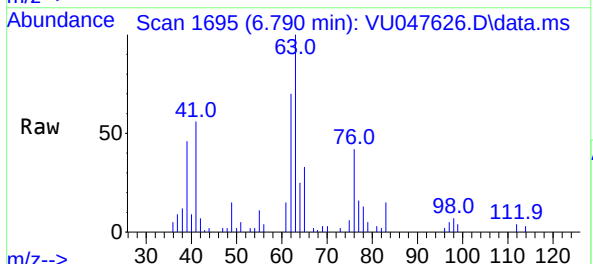
Manual Integrations
APPROVED

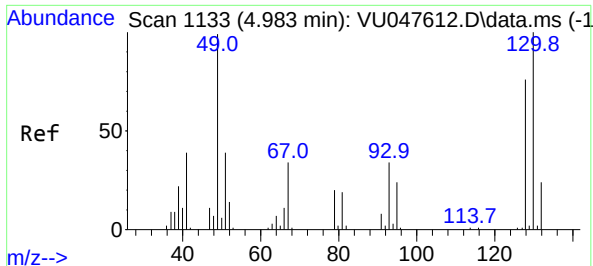
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#38
1,2-Dichloropropane
Concen: 1.709 ug/l
RT: 6.790 min Scan# 1695
Delta R.T. -0.003 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

Tgt Ion: 63 Resp: 15922
Ion Ratio Lower Upper
63 100
65 33.5 24.7 37.1





#39

Methacrylonitrile

Concen: 1.803 ug/l

RT: 4.977 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VU047626.D

Acq: 21 Mar 2022 11:39

Instrument :

MSVOA_U

ClientSampleId :

VU0321WBS01

Tgt Ion: 41 Resp: 470

Ion Ratio Lower Upper

41 100

67 88.1 65.2 97.8

39 62.9 43.0 64.6

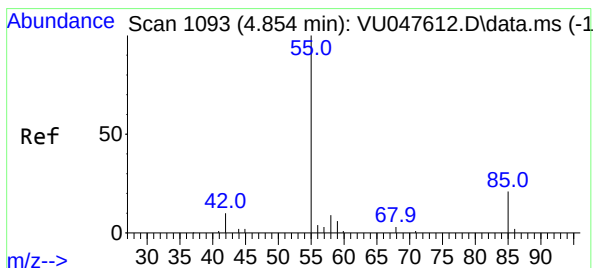
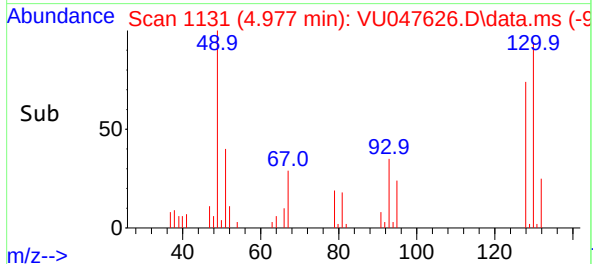
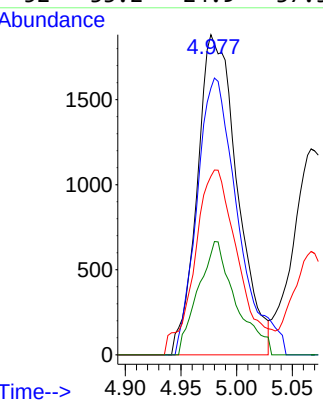
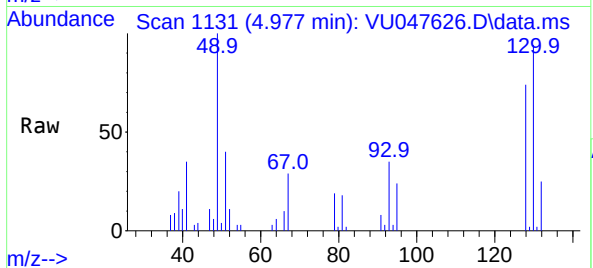
52 33.2 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 04/01/2022



#40

Methyl acrylate

Concen: 1.902 ug/l

RT: 4.851 min Scan# 1092

Delta R.T. -0.003 min

Lab File: VU047626.D

Acq: 21 Mar 2022 11:39

Tgt Ion: 55 Resp: 8385

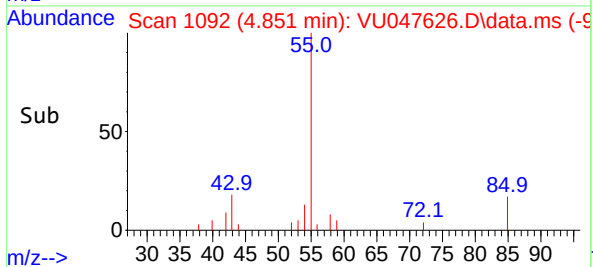
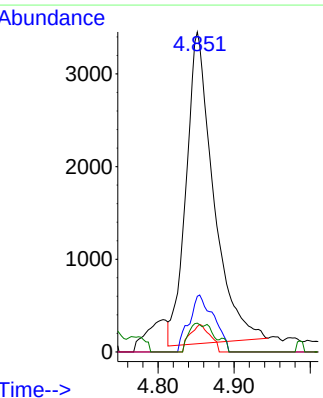
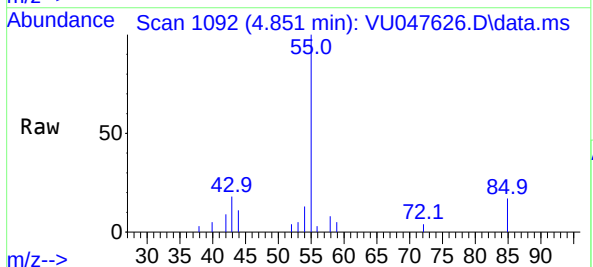
Ion Ratio Lower Upper

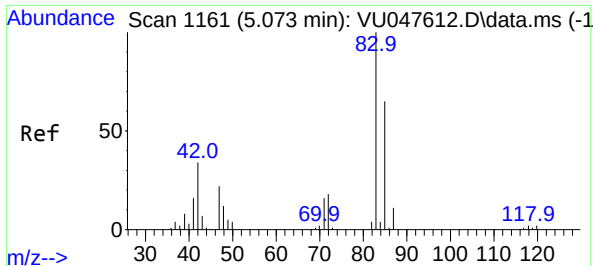
55 100

85 16.6 12.2 18.2

58 6.5 6.7 10.1#

42 4.6 6.9 10.3#





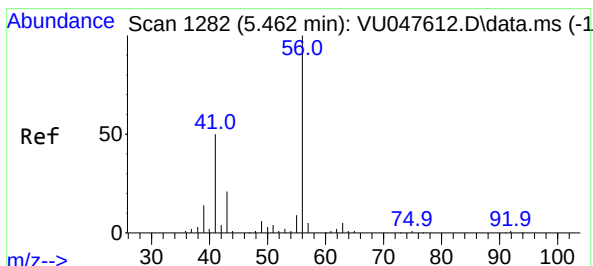
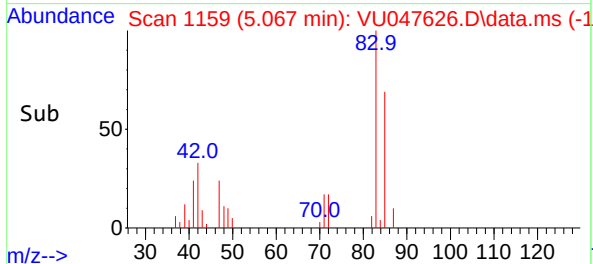
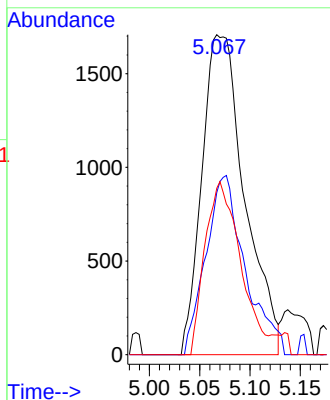
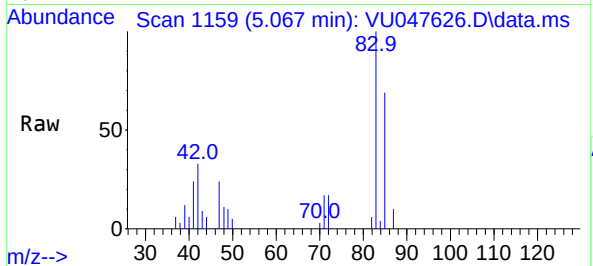
#41
Tetrahydrofuran
Concen: 3.822 ug/l
RT: 5.067 min Scan# 1161
Delta R.T. -0.006 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

Instrument :
MSVOA_U
ClientSampleId :
VU0321WBS01

Tgt Ion: 42 Resp: 5058
Ion Ratio Lower Upper
42 100
72 51.5 42.4 63.6
71 44.8 36.4 54.6

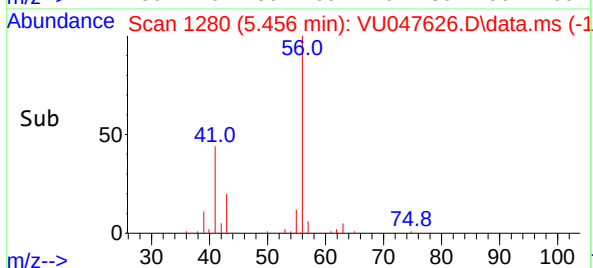
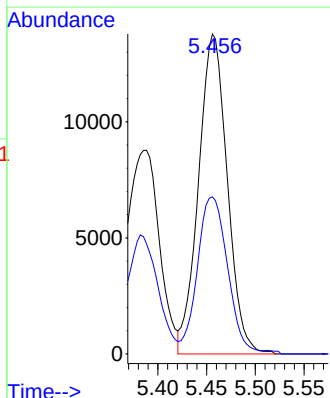
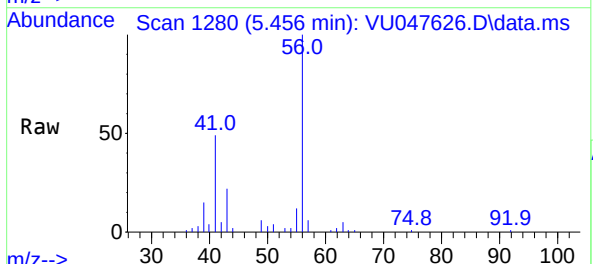
Manual Integrations
APPROVED

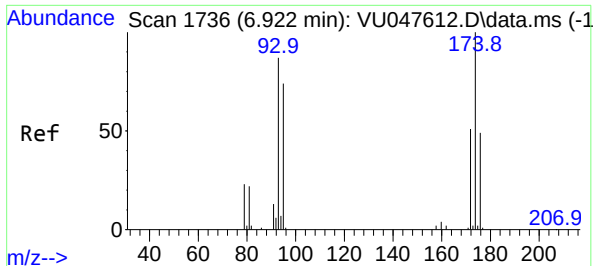
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#42
1-Chlorobutane
Concen: 1.816 ug/l
RT: 5.456 min Scan# 1280
Delta R.T. -0.006 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

Tgt Ion: 56 Resp: 28291
Ion Ratio Lower Upper
56 100
41 52.1 26.0 78.0





#43

Dibromomethane

Concen: 1.750 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. -0.003 min

Lab File: VU047626.D

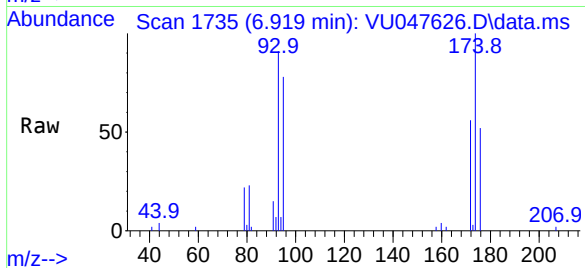
Acq: 21 Mar 2022 11:39

Instrument :

MSVOA_U

ClientSampleId :

VU0321WBS01



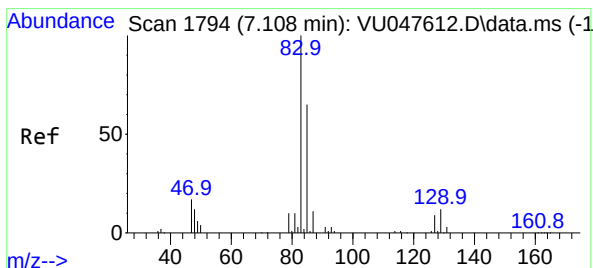
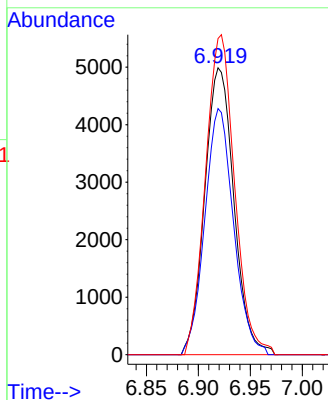
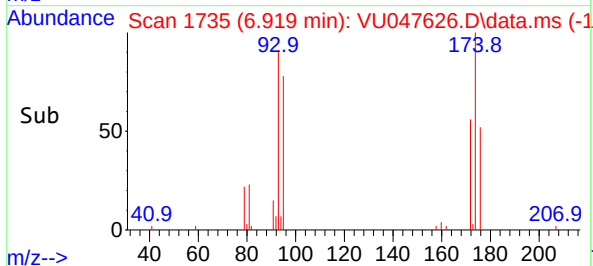
Tgt Ion: 93	Resp: 977
Ion Ratio	Lower Upper
93	100
95	84.4 66.2 99.2
174	111.2 70.7 106.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 04/01/2022



#44

Bromodichloromethane

Concen: 1.712 ug/l

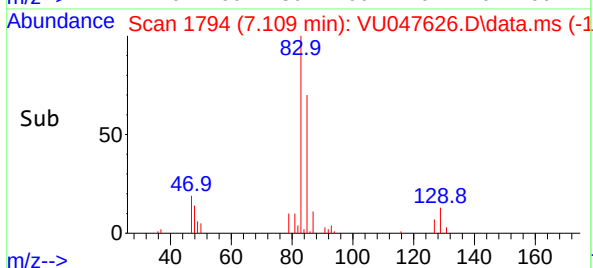
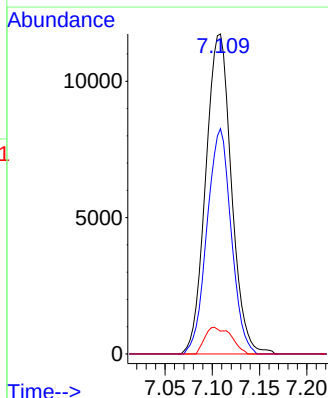
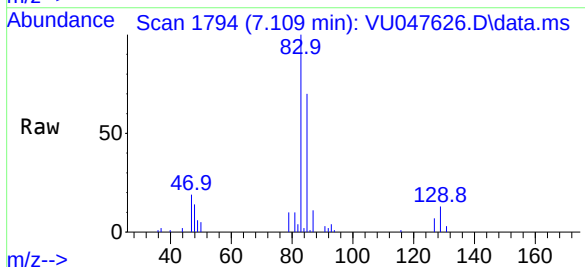
RT: 7.109 min Scan# 1794

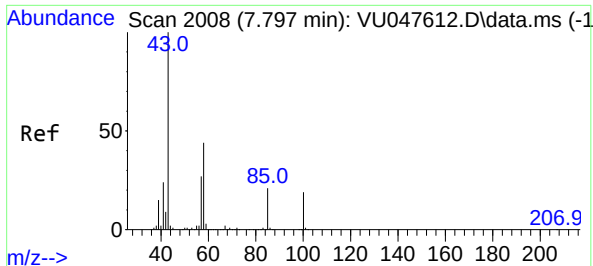
Delta R.T. 0.000 min

Lab File: VU047626.D

Acq: 21 Mar 2022 11:39

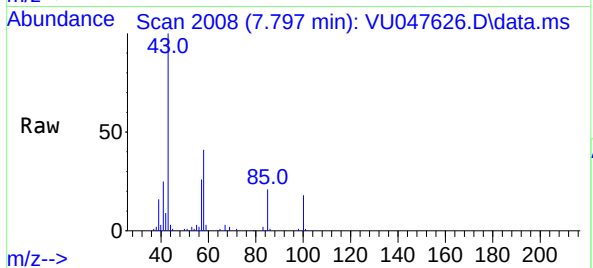
Tgt Ion: 83	Resp: 22168
Ion Ratio	Lower Upper
83	100
85	70.4 50.9 76.3
127	7.1 6.0 9.0





#45
4-Methyl-2-Pentanone
Concen: 8.489 ug/l
RT: 7.797 min Scan# 2008
Delta R.T. 0.000 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

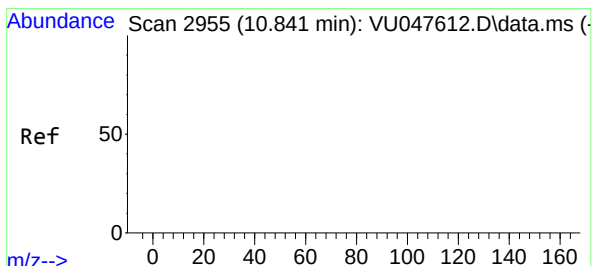
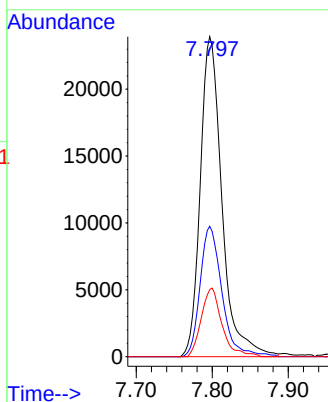
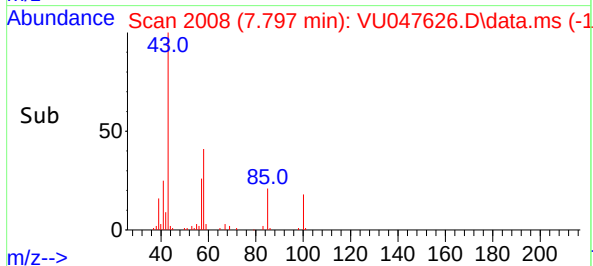
Instrument :
MSVOA_U
ClientSampleId :
VU0321WBS01



Tgt Ion: 43 Resp: 47375
Ion Ratio Lower Upper
43 100
58 41.1 21.0 63.0
85 20.4 14.8 22.2

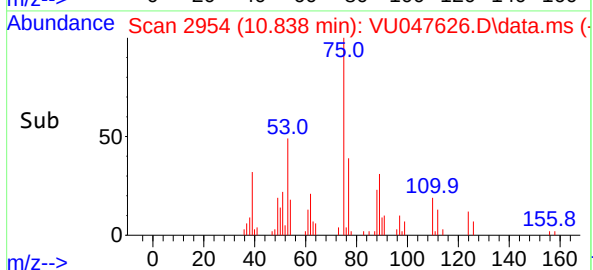
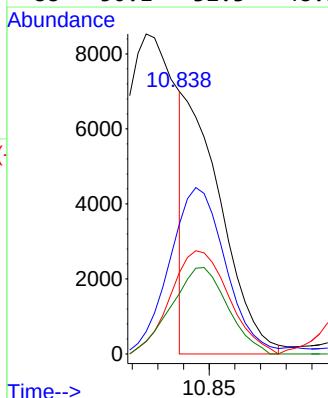
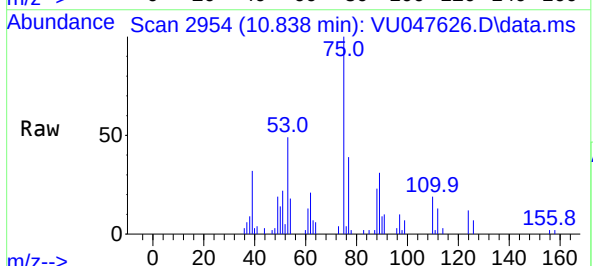
Manual Integrations
APPROVED

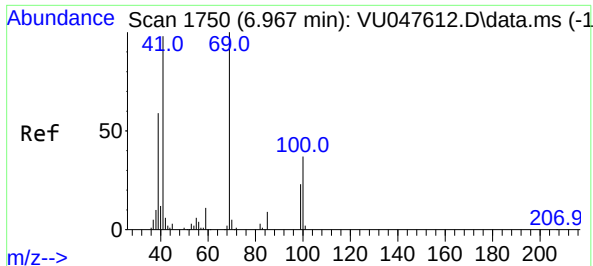
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#46
t-1,4-Dichloro-2-butene
Concen: 2.890 ug/l m
RT: 10.838 min Scan# 2954
Delta R.T. -0.003 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

Tgt Ion: 75 Resp: 7007
Ion Ratio Lower Upper
75 100
53 97.7 66.8 100.2
89 62.0 41.7 62.5
88 50.1 32.3 48.5





#47

Methyl methacrylate

Concen: 3.492 ug/l

RT: 6.964 min Scan# 1750

Delta R.T. -0.003 min

Lab File: VU047626.D

Acq: 21 Mar 2022 11:39

Instrument :

MSVOA_U

ClientSampleId :

VU0321WBS01

Tgt Ion: 69 Resp: 15769

Ion Ratio Lower Upper

69 100

41 100.9 0.0 230.0

39 64.0 55.1 82.7

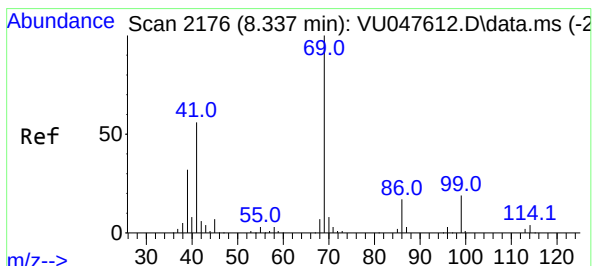
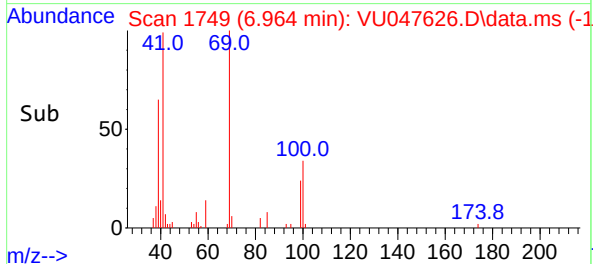
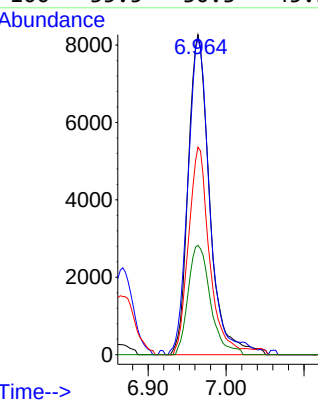
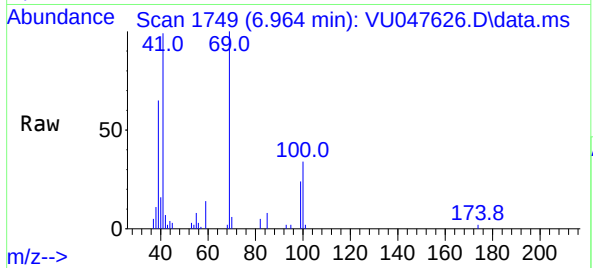
100 35.5 30.3 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 04/01/2022



#48

Ethyl methacrylate

Concen: 1.648 ug/l

RT: 8.337 min Scan# 2176

Delta R.T. 0.000 min

Lab File: VU047626.D

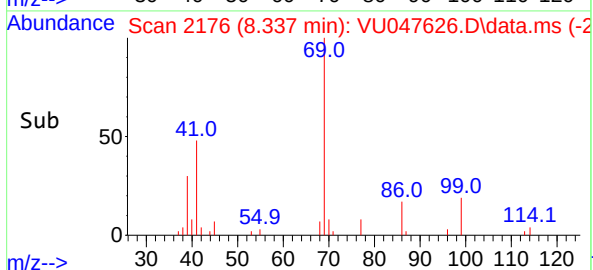
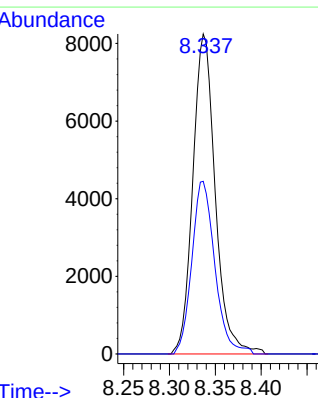
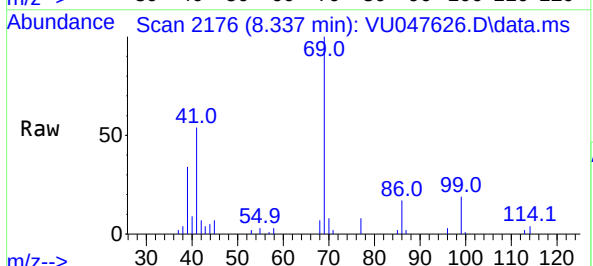
Acq: 21 Mar 2022 11:39

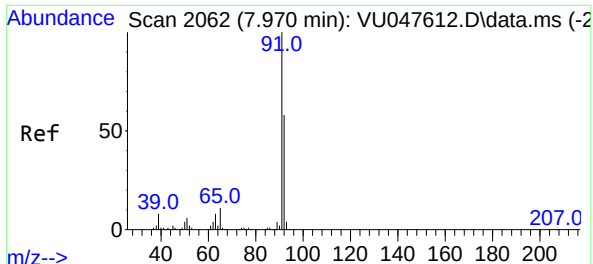
Tgt Ion: 69 Resp: 14021

Ion Ratio Lower Upper

69 100

41 55.5 32.6 98.0





#49

Toluene

Concen: 1.690 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU047626.D

Acq: 21 Mar 2022 11:39

Instrument :

MSVOA_U

ClientSampleId :

VU0321WBS01

Tgt Ion: 92 Resp: 37579

Ion Ratio Lower Upper

92 100

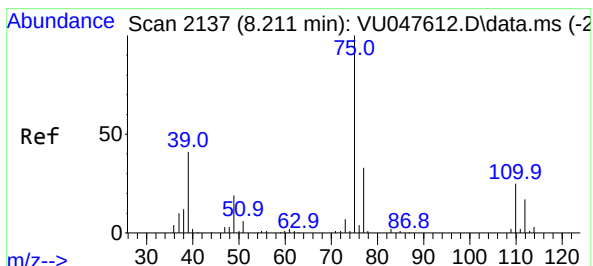
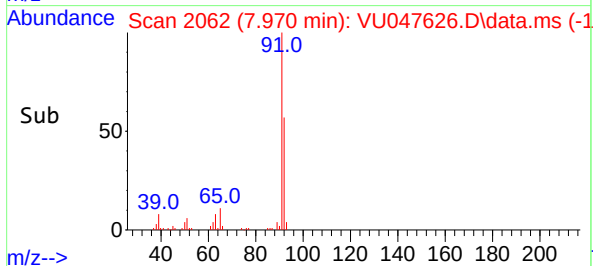
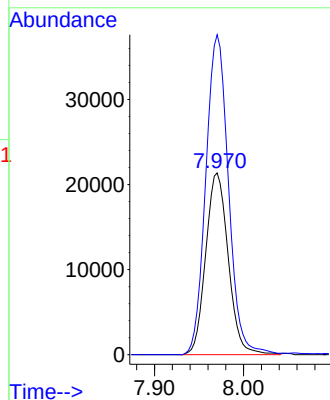
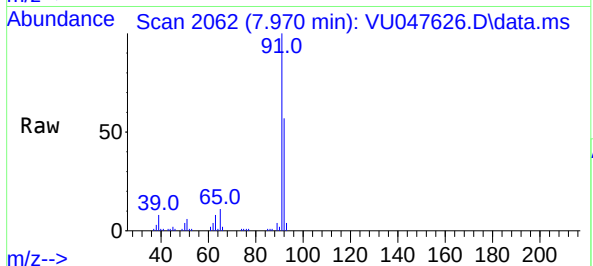
91 177.0 136.8 205.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 04/01/2022



#50

t-1,3-Dichloropropene

Concen: 1.648 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU047626.D

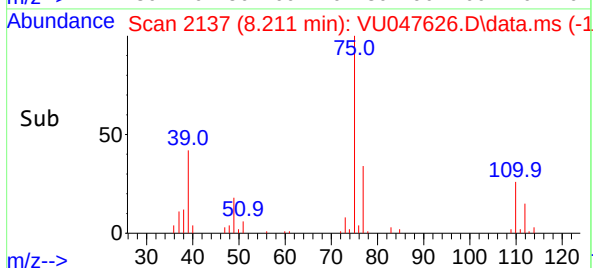
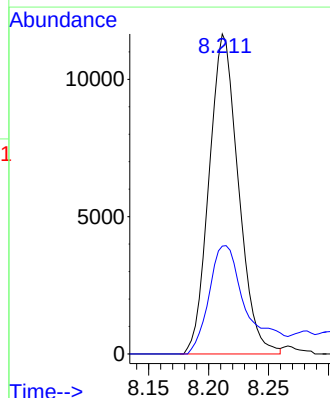
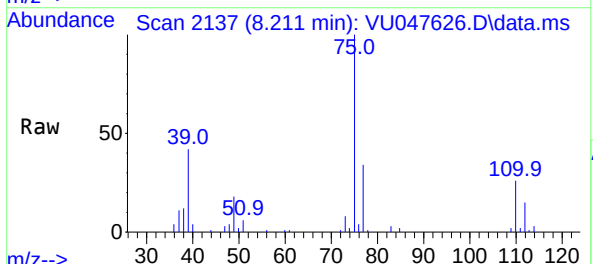
Acq: 21 Mar 2022 11:39

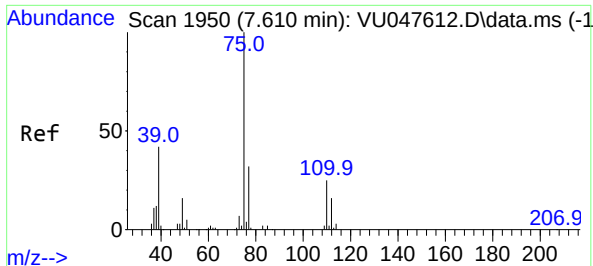
Tgt Ion: 75 Resp: 19775

Ion Ratio Lower Upper

75 100

77 33.7 25.6 38.4





#51
 cis-1,3-Dichloropropene
 Concen: 1.668 ug/l
 RT: 7.607 min Scan# 1950
 Delta R.T. -0.003 min
 Lab File: VU047626.D
 Acq: 21 Mar 2022 11:39

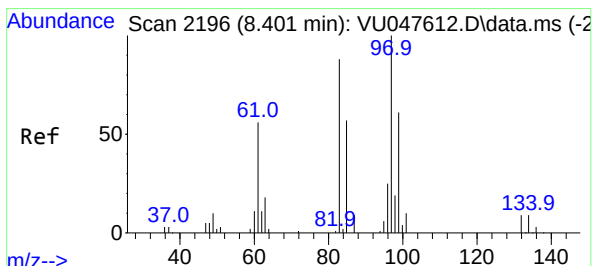
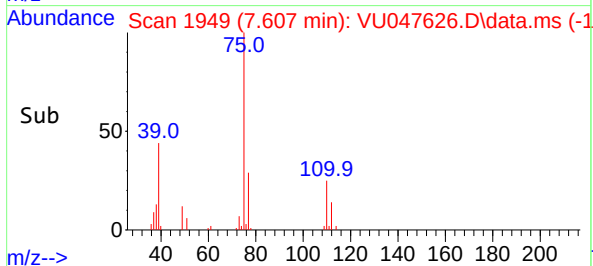
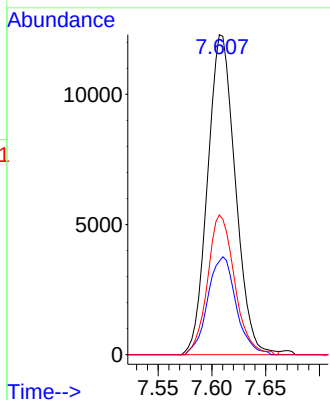
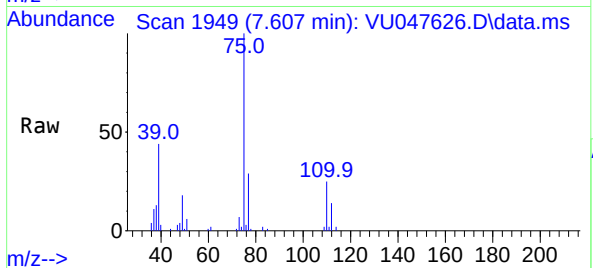
Instrument : MSVOA_U
 ClientSampleId : VU0321WBS01

Tgt Ion: 75 Resp: 2203

Ion	Ratio	Lower	Upper
75	100		
77	29.2	25.2	37.8
39	43.7	38.6	57.8

Manual Integrations
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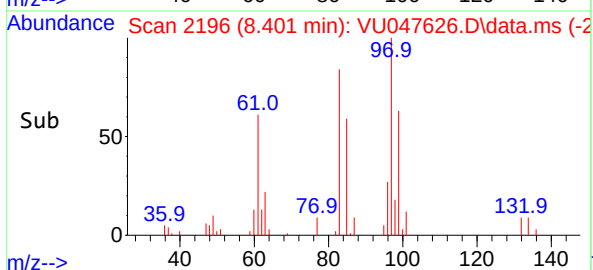
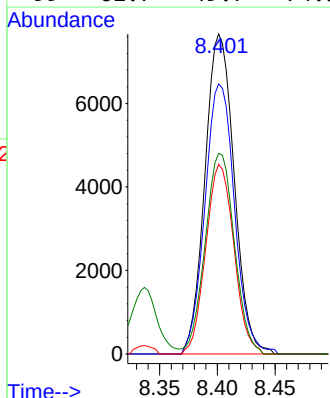
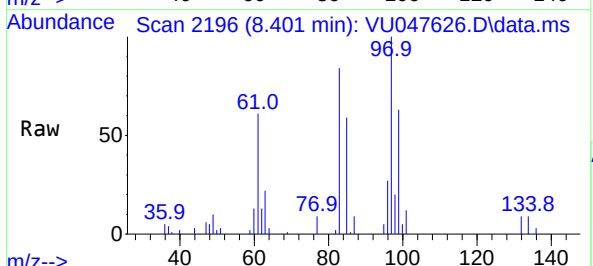
Reviewed By :John Carlone 03/22/2022
 Supervised By :Mahesh Dadoda 04/01/2022

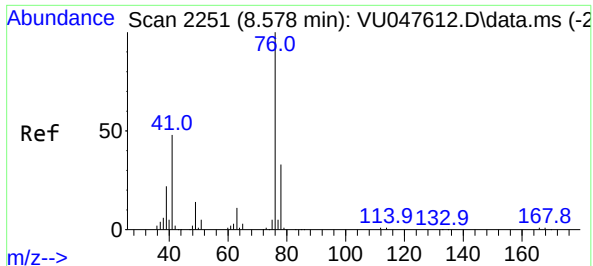


#52
 1,1,2-Trichloroethane
 Concen: 1.737 ug/l
 RT: 8.401 min Scan# 2196
 Delta R.T. 0.000 min
 Lab File: VU047626.D
 Acq: 21 Mar 2022 11:39

Tgt Ion: 97 Resp: 13496

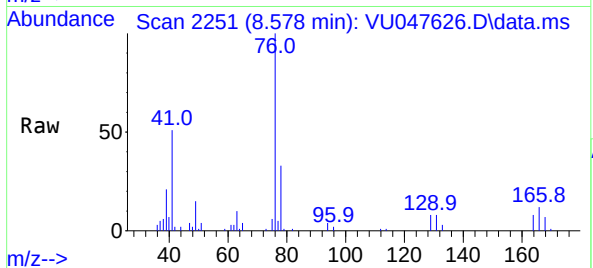
Ion	Ratio	Lower	Upper
97	100		
83	84.4	69.8	104.8
85	59.2	44.2	66.4
99	62.7	49.7	74.5





#53
1,3-Dichloropropane
Concen: 1.754 ug/l
RT: 8.578 min Scan# 2251
Delta R.T. 0.000 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

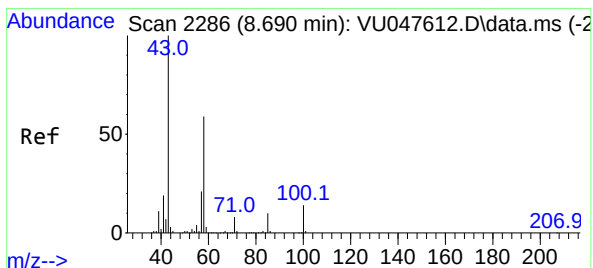
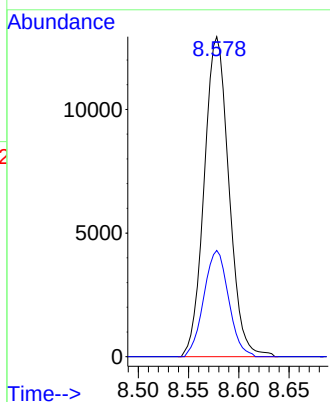
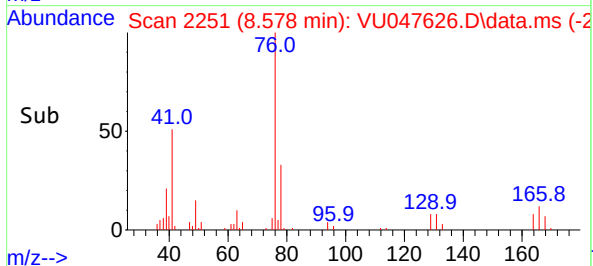
Instrument :
MSVOA_U
ClientSampleId :
VU0321WBS01



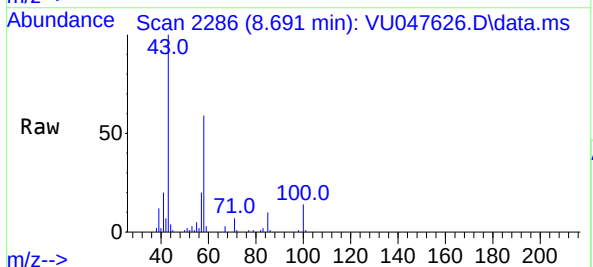
Tgt Ion: 76 Resp: 22179
Ion Ratio Lower Upper
76 100
78 33.2 25.4 38.2

Manual Integrations
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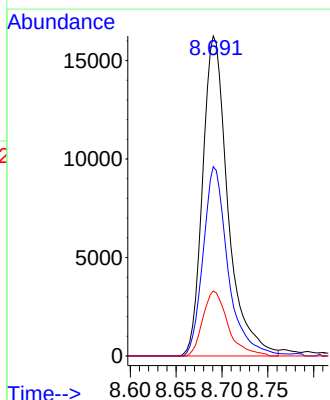
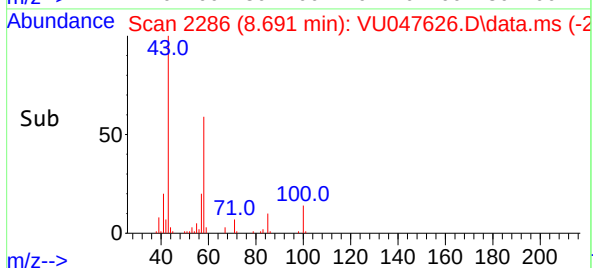
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022

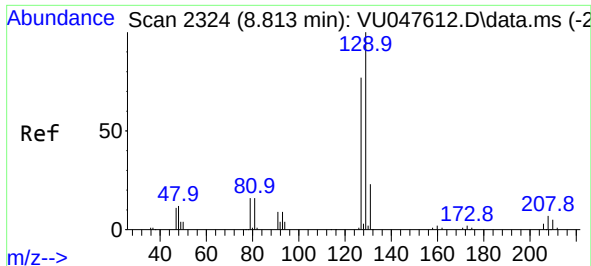


#54
2-Hexanone
Concen: 7.648 ug/l
RT: 8.691 min Scan# 2286
Delta R.T. 0.000 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39



Tgt Ion: 43 Resp: 31166
Ion Ratio Lower Upper
43 100
58 58.4 37.7 77.7
57 20.2 0.5 40.5





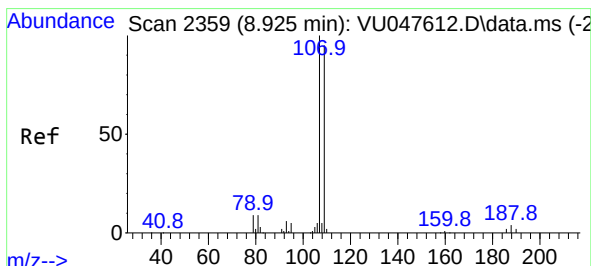
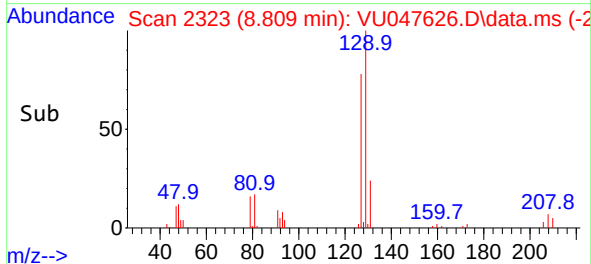
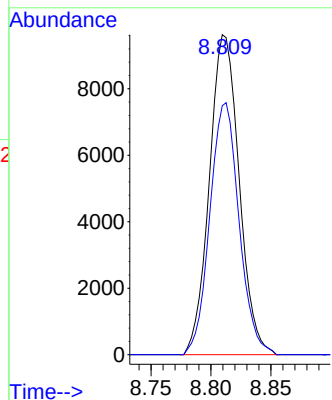
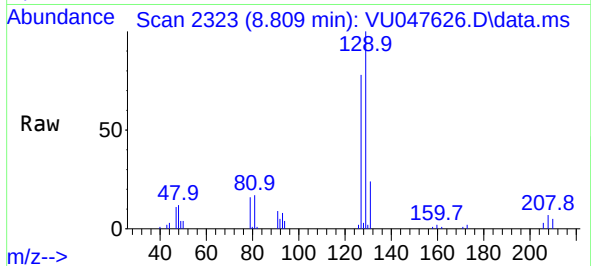
#55
Dibromochloromethane
Concen: 1.695 ug/l
RT: 8.809 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

Instrument :
MSVOA_U
ClientSampleId :
VU0321WBS01

Tgt Ion:129 Resp: 1663
Ion Ratio Lower Upper
129 100
127 77.1 62.2 93.4

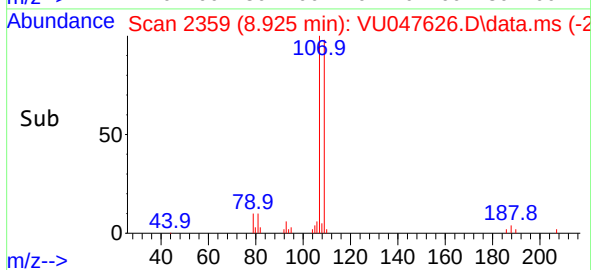
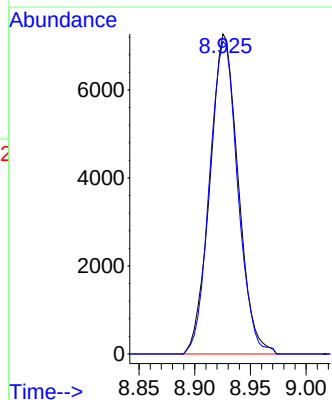
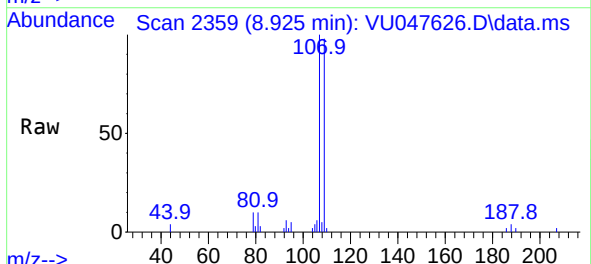
Manual Integrations
APPROVED

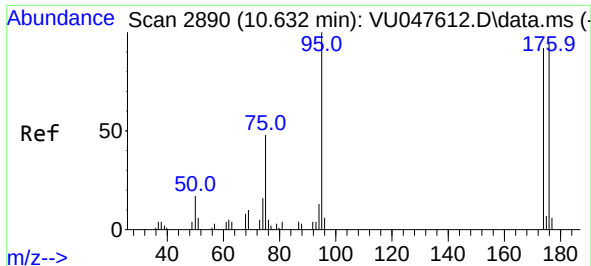
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#56
1,2-Dibromoethane
Concen: 1.660 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. 0.000 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

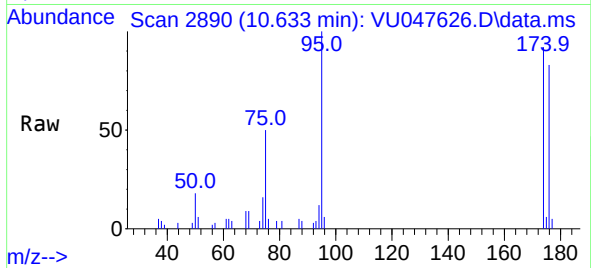
Tgt Ion:107 Resp: 12835
Ion Ratio Lower Upper
107 100
109 97.4 0.0 185.0





#57
4-Bromofluorobenzene
Concen: 0.929 ug/l
RT: 10.633 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

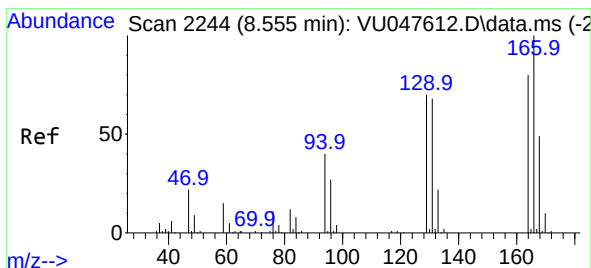
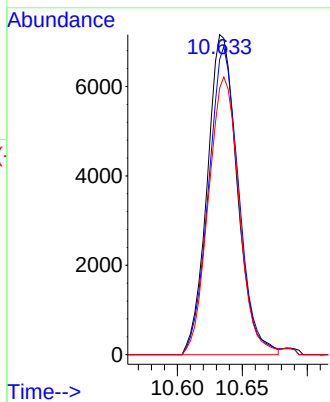
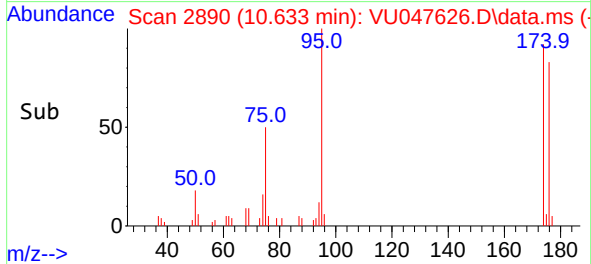
Instrument :
MSVOA_U
ClientSampleId :
VU0321WBS01



Tgt Ion: 95 Resp: 11530
Ion Ratio Lower Upper
95 100
174 96.8 56.6 84.8
176 88.2 54.3 81.5

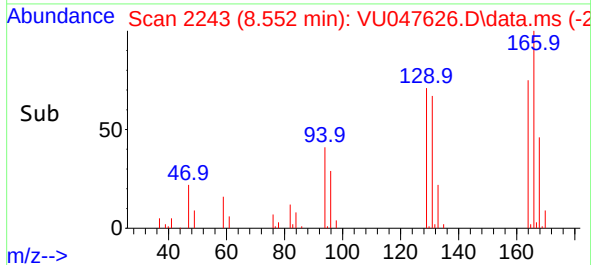
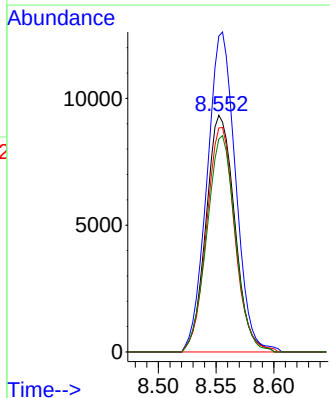
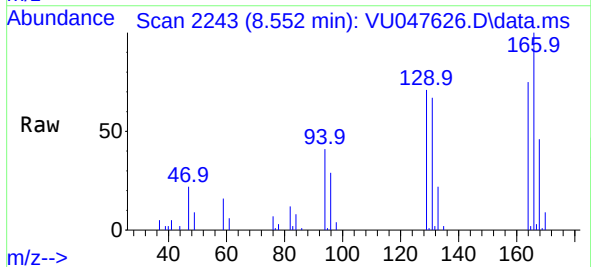
Manual Integrations
APPROVED

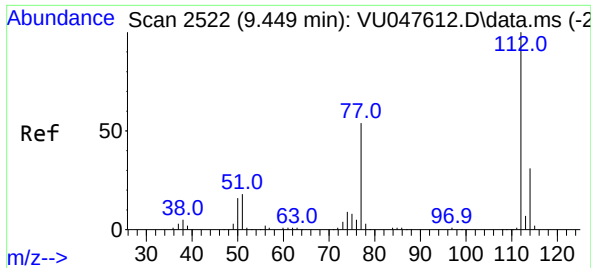
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#58
Tetrachloroethene
Concen: 1.669 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

Tgt Ion:164 Resp: 16086
Ion Ratio Lower Upper
164 100
166 133.5 102.0 153.0
129 94.7 77.1 115.7
131 90.1 75.8 113.6





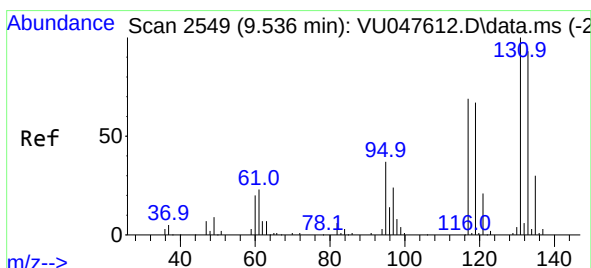
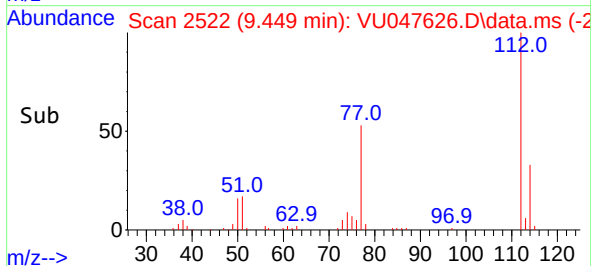
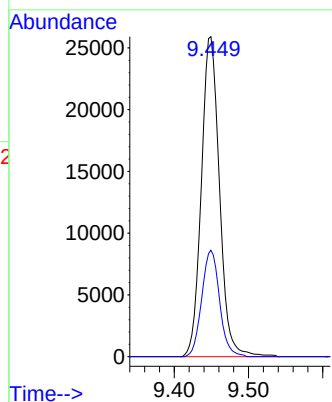
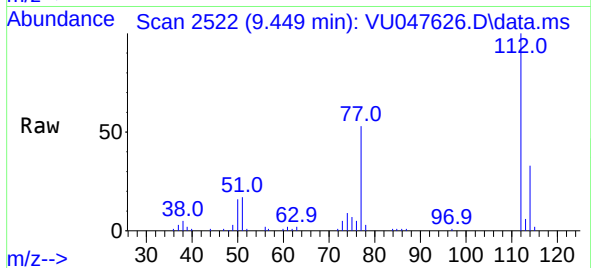
#59
Chlorobenzene
Concen: 1.699 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

Instrument :
MSVOA_U
ClientSampleId :
VU0321WBS01

Tgt Ion:112 Resp: 44030
Ion Ratio Lower Upper
112 100
114 33.2 25.4 38.0

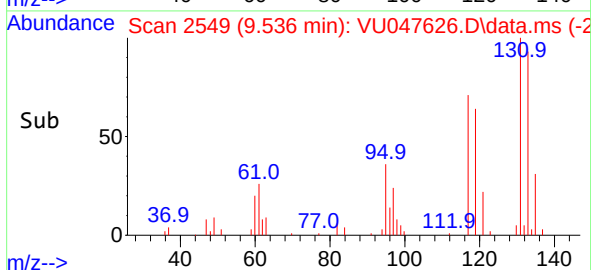
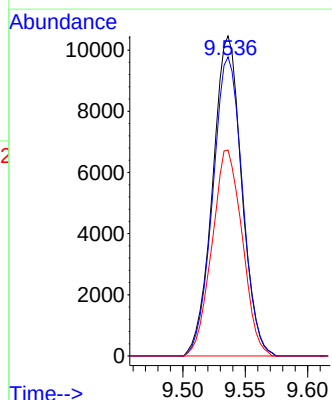
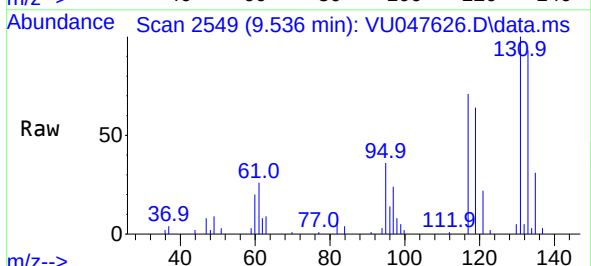
Manual Integrations
APPROVED

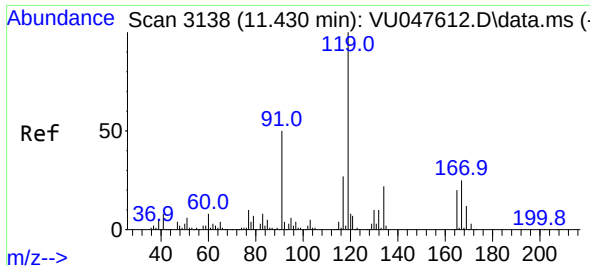
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#60
1,1,1,2-Tetrachloroethane
Concen: 1.687 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.000 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

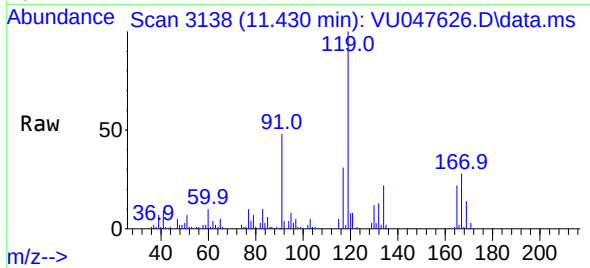
Tgt Ion:131 Resp: 16965
Ion Ratio Lower Upper
131 100
133 95.4 76.0 114.0
119 67.0 54.9 82.3





#61
 Pentachloroethane
 Concen: 1.635 ug/l
 RT: 11.430 min Scan# 3138
 Delta R.T. 0.000 min
 Lab File: VU047626.D
 Acq: 21 Mar 2022 11:39

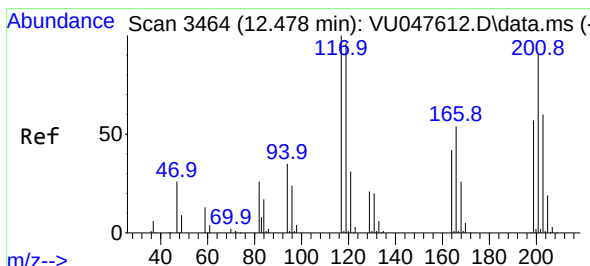
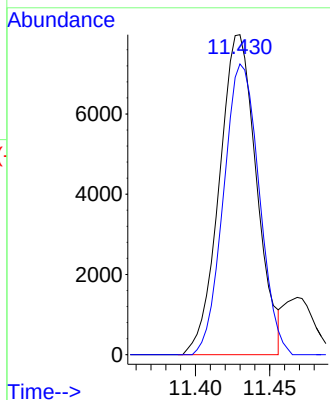
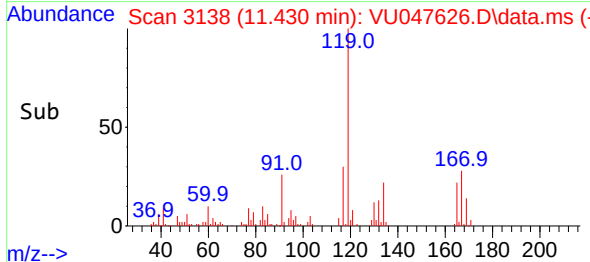
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0321WBS01



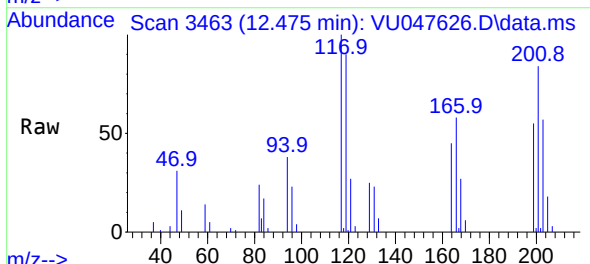
Tgt Ion:117 Resp: 13910
 Ion Ratio Lower Upper
 117 100
 167 86.7 59.7 89.5

Manual Integrations
 APPROVED

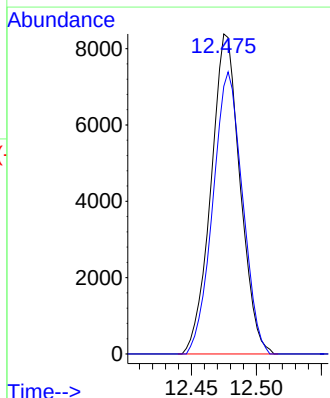
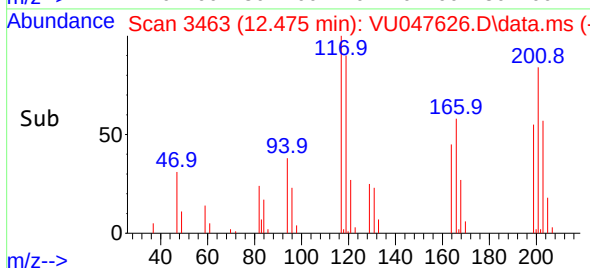
Reviewed By :John Carlone 03/22/2022
 Supervised By :Mahesh Dadoda 04/01/2022

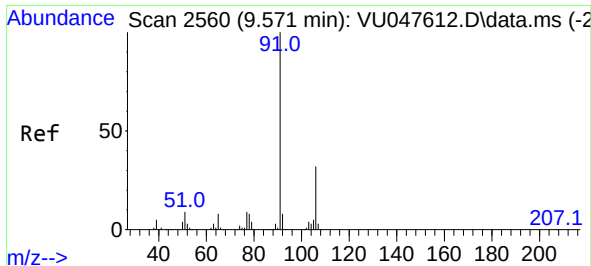


#62
 Hexachloroethane
 Concen: 1.546 ug/l
 RT: 12.475 min Scan# 3463
 Delta R.T. -0.003 min
 Lab File: VU047626.D
 Acq: 21 Mar 2022 11:39



Tgt Ion:117 Resp: 13065
 Ion Ratio Lower Upper
 117 100
 201 89.3 53.6 80.4#





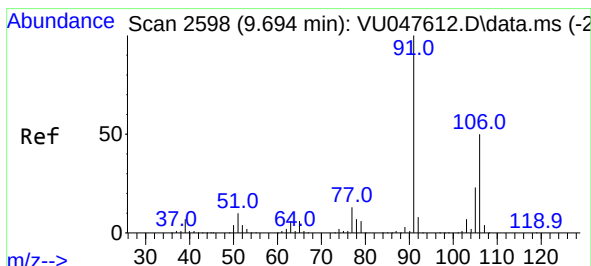
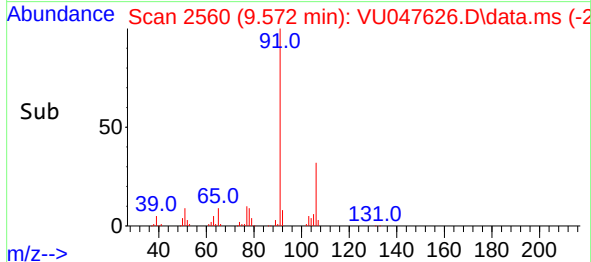
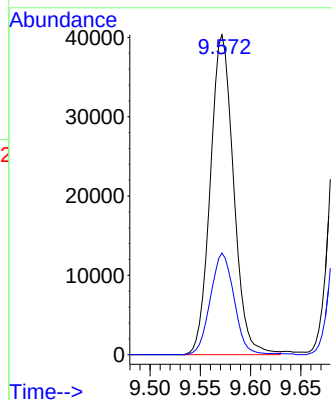
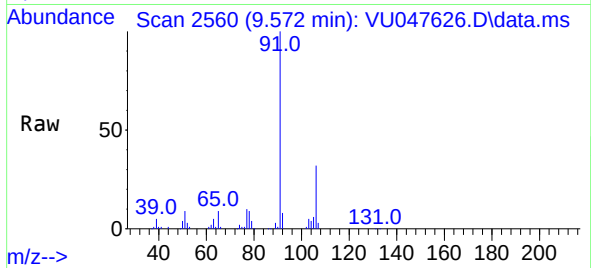
#63
Ethyl Benzene
Concen: 1.603 ug/l
RT: 9.572 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

Instrument :
MSVOA_U
ClientSampleId :
VU0321WBS01

Tgt Ion: 91 Resp: 65084
Ion Ratio Lower Upper
91 100
106 31.7 24.4 36.6

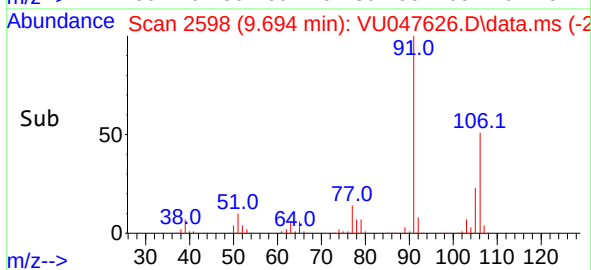
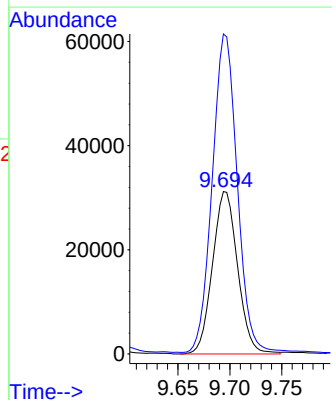
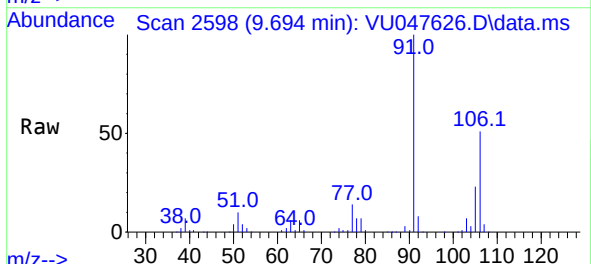
Manual Integrations
APPROVED

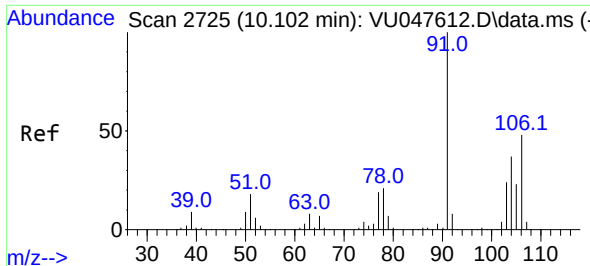
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#64
m/p-Xylenes
Concen: 3.255 ug/l
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

Tgt Ion:106 Resp: 52421
Ion Ratio Lower Upper
106 100
91 195.7 165.5 248.3





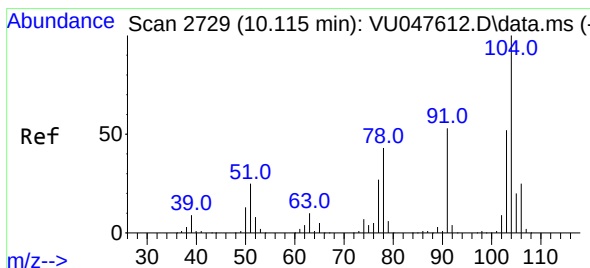
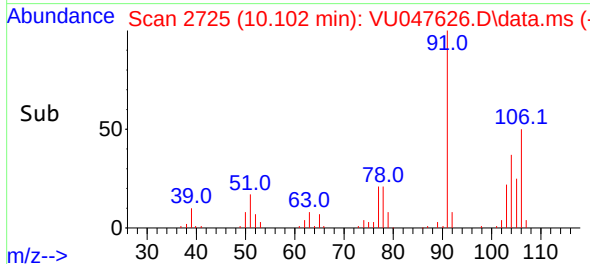
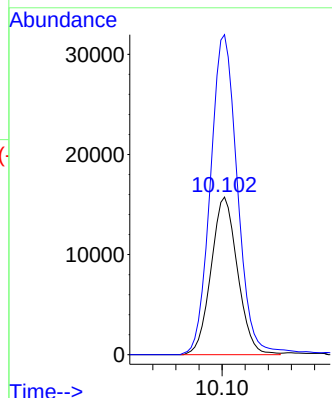
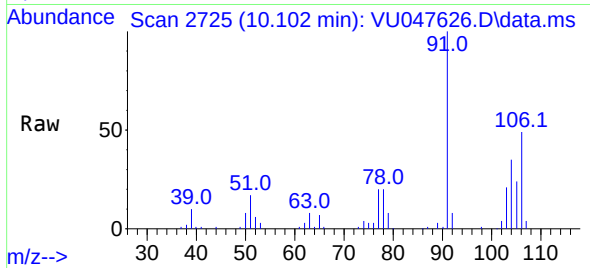
#65
o-Xylene
Concen: 1.645 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

Instrument :
MSVOA_U
ClientSampleId :
VU0321WBS01

Tgt Ion:106 Resp: 25062
Ion Ratio Lower Upper
106 100
91 208.8 109.4 328.2

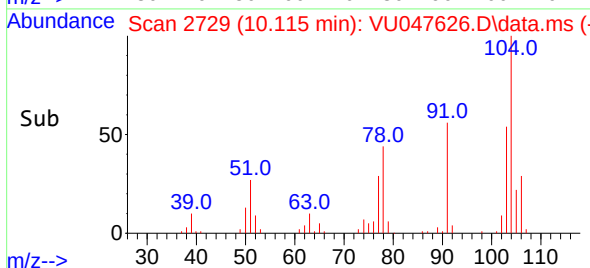
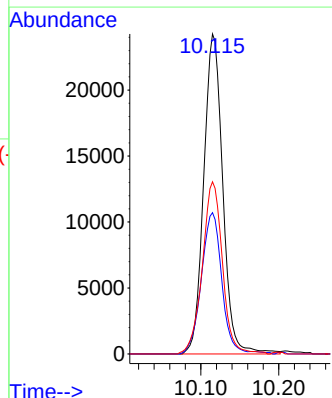
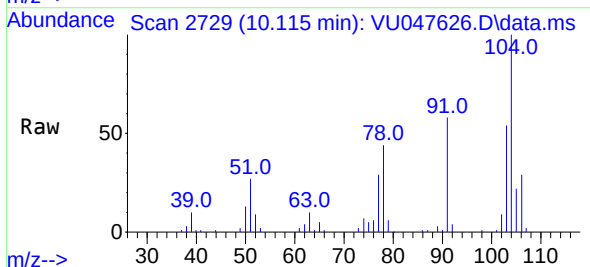
Manual Integrations
APPROVED

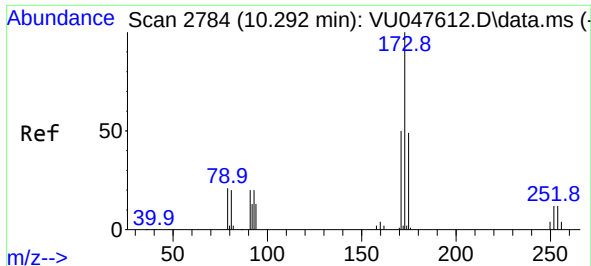
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#66
Styrene
Concen: 1.571 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

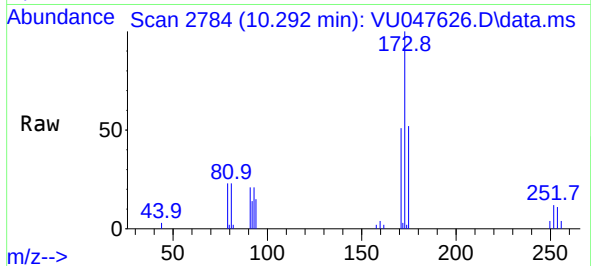
Tgt Ion:104 Resp: 41285
Ion Ratio Lower Upper
104 100
78 46.8 42.4 63.6
103 56.5 44.2 66.4





#67
Bromoform
Concen: 1.590 ug/l
RT: 10.292 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

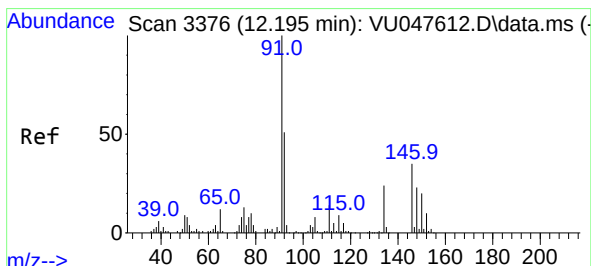
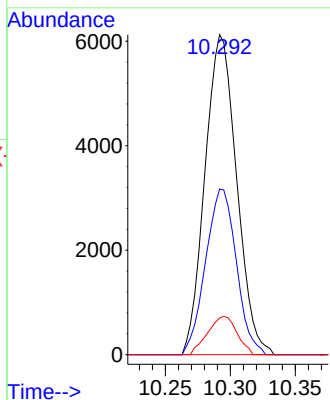
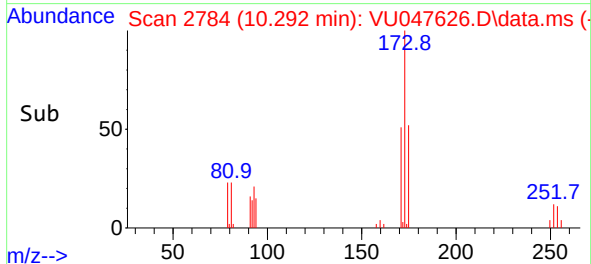
Instrument :
MSVOA_U
ClientSampleId :
VU0321WBS01



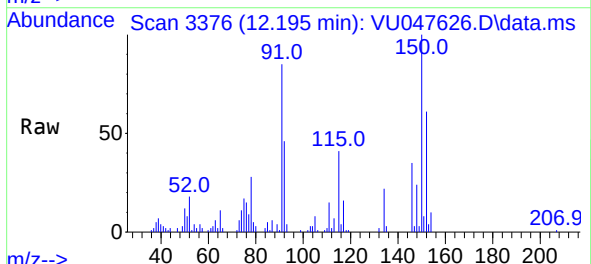
Tgt Ion:173 Resp: 10380
Ion Ratio Lower Upper
173 100
175 50.2 39.0 58.4
254 11.0 5.5 8.3

Manual Integrations
APPROVED

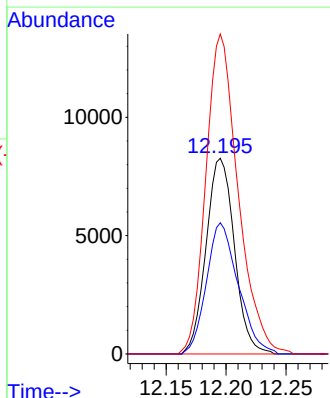
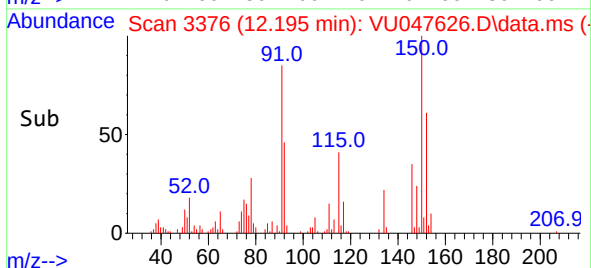
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022

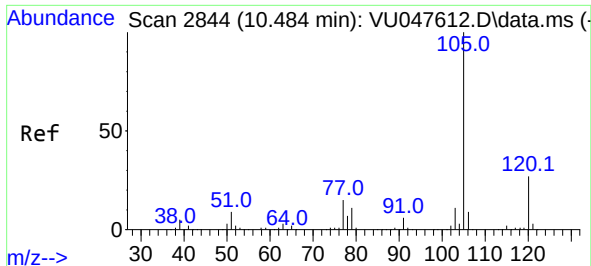


#68
1,2-Dichlorobenzene-d4
Concen: 0.904 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. 0.000 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39



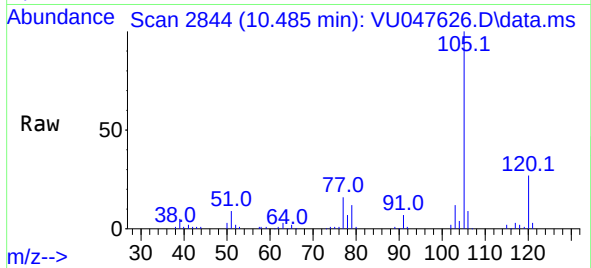
Tgt Ion:152 Resp: 13599
Ion Ratio Lower Upper
152 100
115 75.3 0.0 251.0
150 185.7 0.0 613.8





#69
Isopropylbenzene
Concen: 1.625 ug/l
RT: 10.485 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

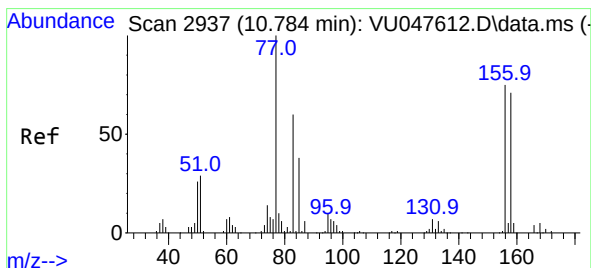
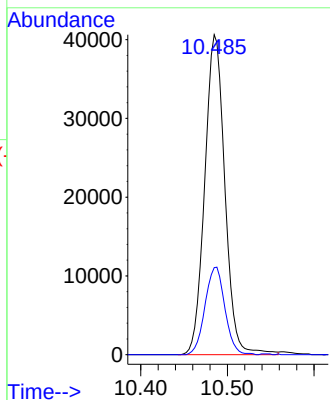
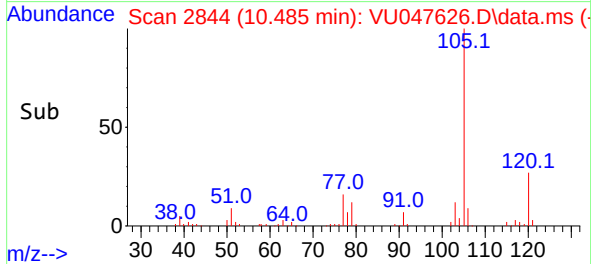
Instrument :
MSVOA_U
ClientSampleId :
VU0321WBS01



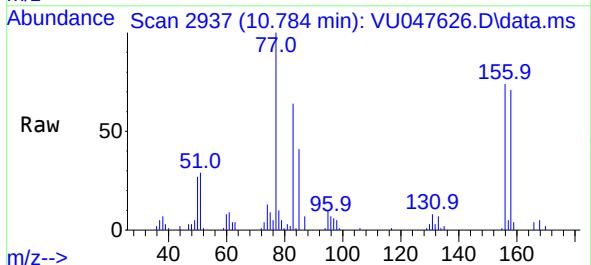
Tgt Ion:105 Resp: 65578
Ion Ratio Lower Upper
105 100
120 27.0 12.8 38.4

Manual Integrations
APPROVED

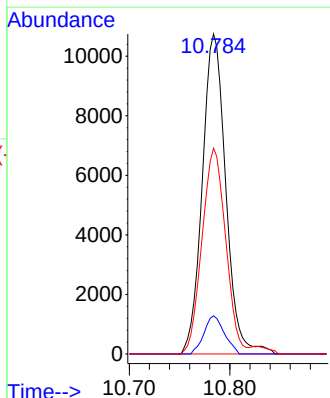
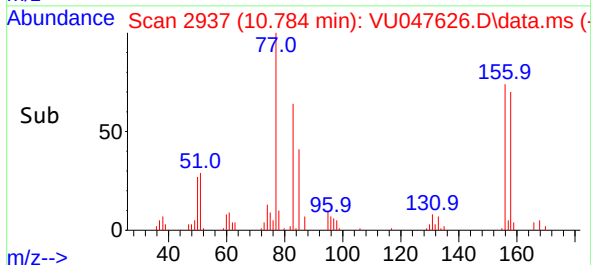
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022

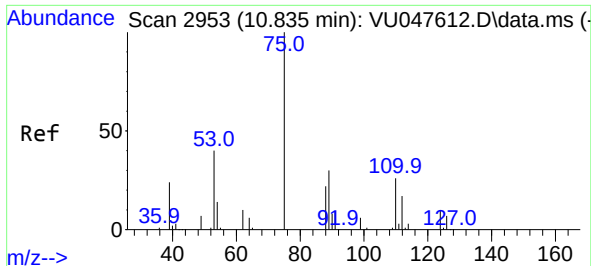


#70
1,1,2,2-Tetrachloroethane
Concen: 1.687 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39



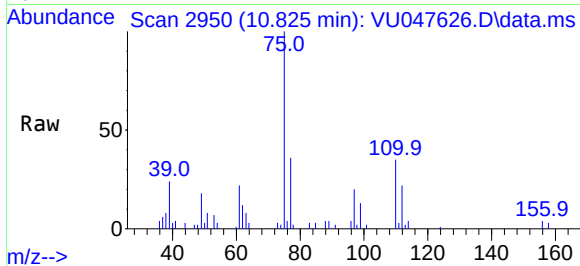
Tgt Ion: 83 Resp: 17449
Ion Ratio Lower Upper
83 100
131 10.3 7.6 11.4
85 64.7 50.9 76.3





#71
1,2,3-Trichloropropane
Concen: 1.439 ug/l m
RT: 10.825 min Scan# 2953
Delta R.T. -0.009 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

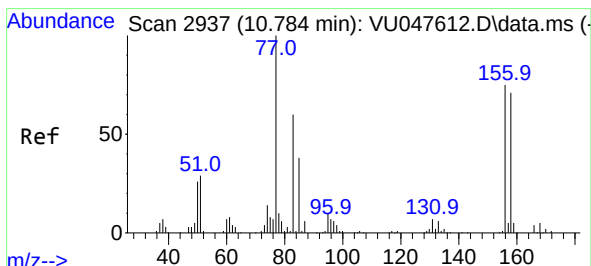
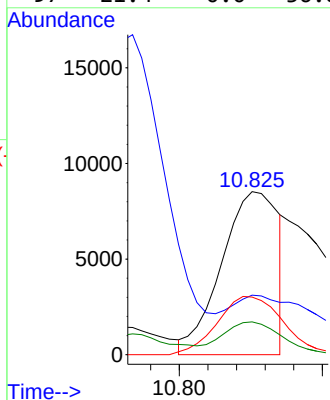
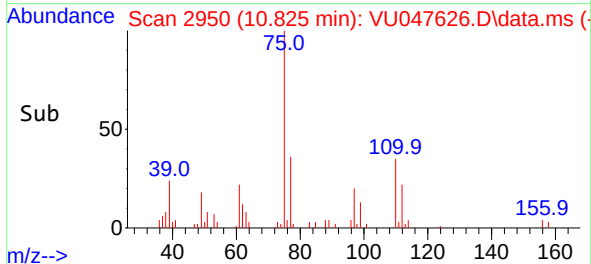
Instrument :
MSVOA_U
ClientSampleId :
VU0321WBS01



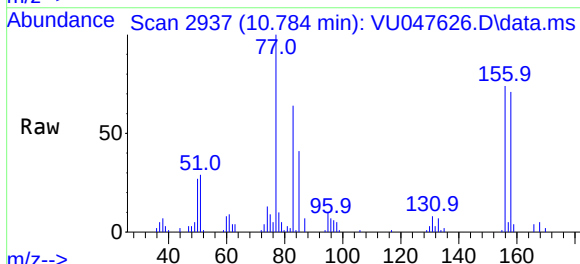
Tgt Ion: 75 Resp: 1175
Ion Ratio Lower Upper
75 100
77 59.4 0.0 105.6
110 41.4 0.0 71.2
97 21.4 0.0 36.8

Manual Integrations
APPROVED

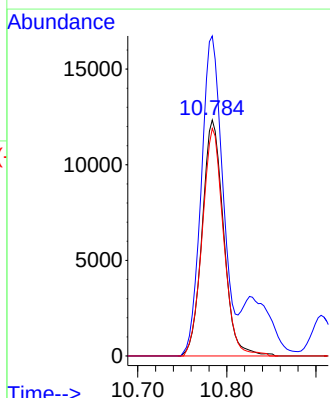
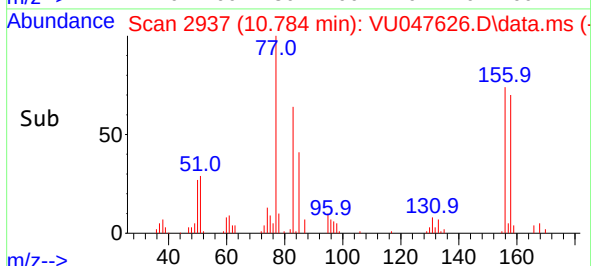
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022

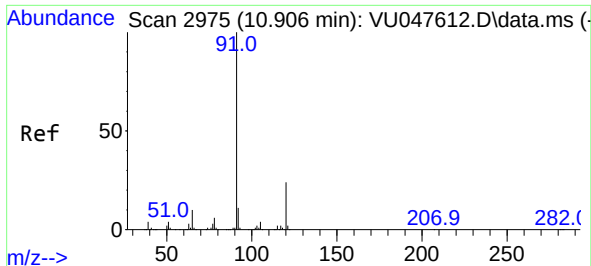


#72
Bromobenzene
Concen: 1.700 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39



Tgt Ion:156 Resp: 20562
Ion Ratio Lower Upper
156 100
77 136.9 0.0 370.6
158 96.2 0.0 193.4





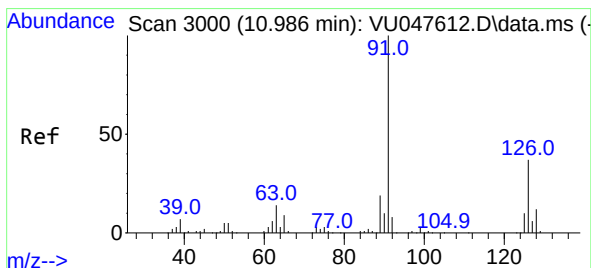
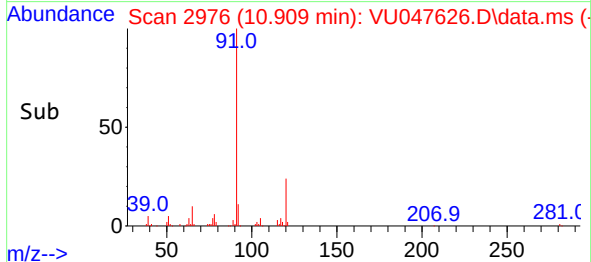
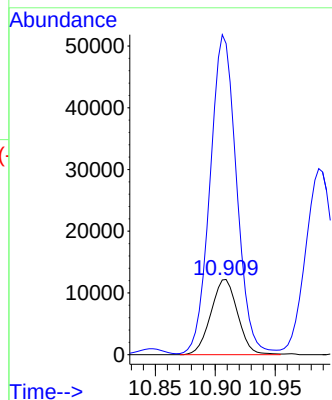
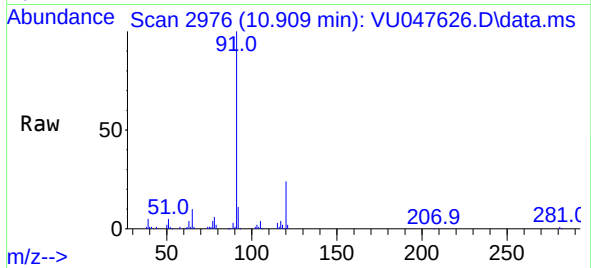
#73
n-propylbenzene
Concen: 1.614 ug/l
RT: 10.909 min Scan# 2975
Delta R.T. 0.003 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

Instrument :
MSVOA_U
ClientSampleId :
VU0321WBS01

Tgt Ion:120 Resp: 18902
Ion Ratio Lower Upper
120 100
91 418.8 370.7 556.1

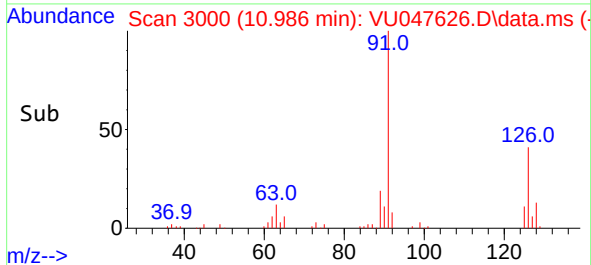
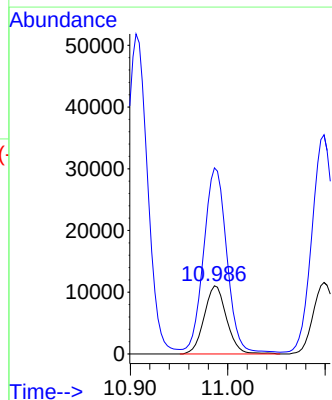
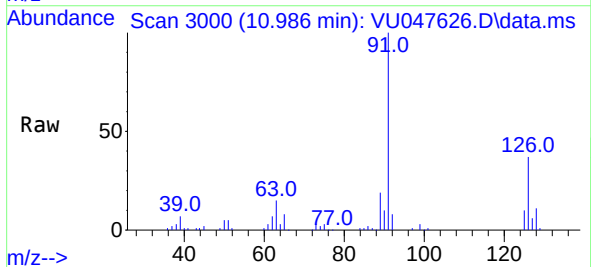
Manual Integrations
APPROVED

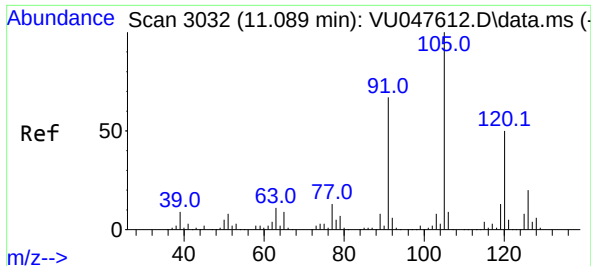
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#74
2-Chlorotoluene
Concen: 1.635 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.000 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

Tgt Ion:126 Resp: 17585
Ion Ratio Lower Upper
126 100
91 284.1 0.0 639.6





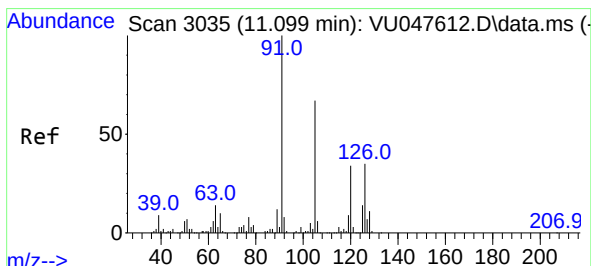
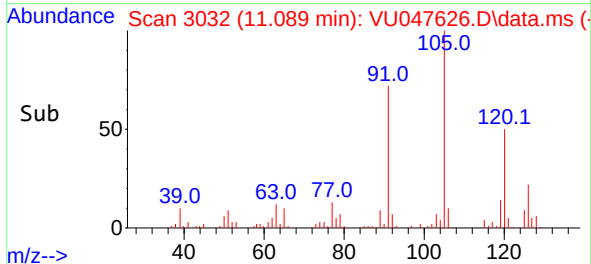
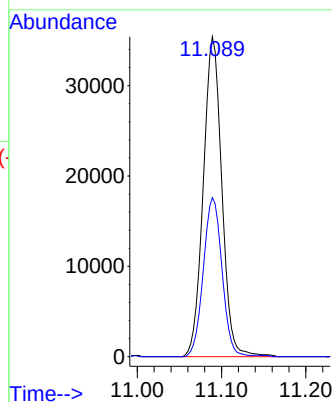
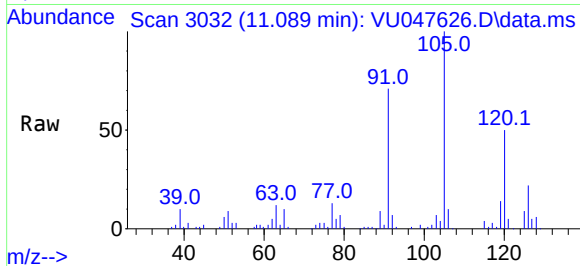
#75
1,3,5-Trimethylbenzene
Concen: 1.658 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

Instrument :
MSVOA_U
ClientSampleId :
VU0321WBS01

Tgt Ion:105 Resp: 54399
Ion Ratio Lower Upper
105 100
120 49.9 38.6 58.0

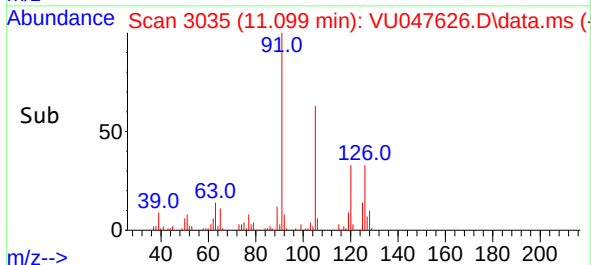
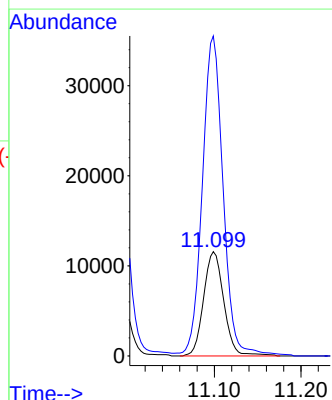
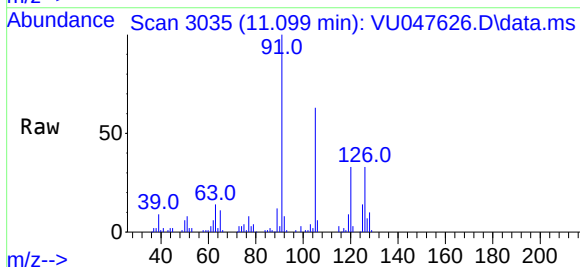
Manual Integrations
APPROVED

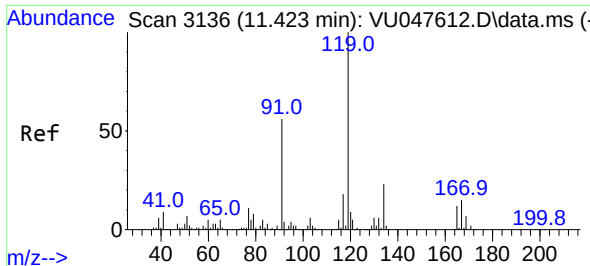
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#76
4-Chlorotoluene
Concen: 1.643 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

Tgt Ion:126 Resp: 18799
Ion Ratio Lower Upper
126 100
91 315.2 0.0 728.0





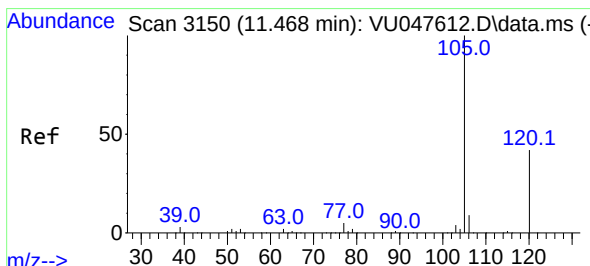
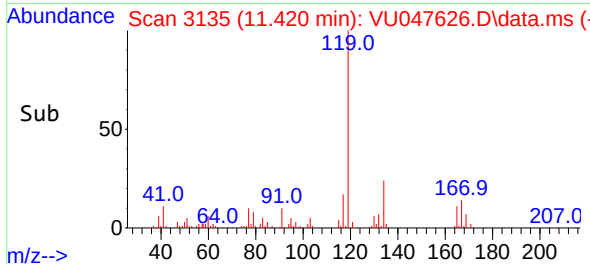
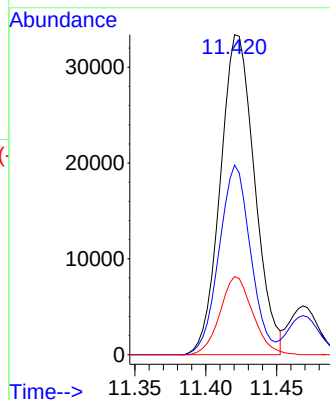
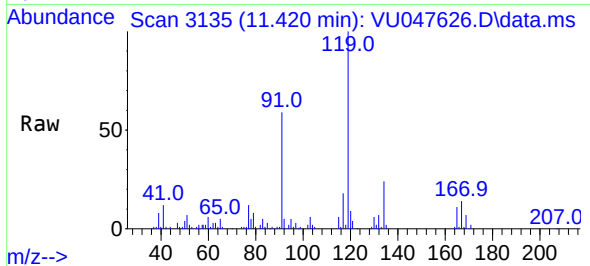
#77
tert-Butylbenzene
Concen: 1.602 ug/l
RT: 11.420 min Scan# 3136
Delta R.T. -0.003 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

Instrument :
MSVOA_U
ClientSampleId :
VU0321WBS01

Tgt Ion:119 Resp: 5630
Ion Ratio Lower Upper
119 100
91 54.6 31.4 94.3
134 23.2 18.5 27.7

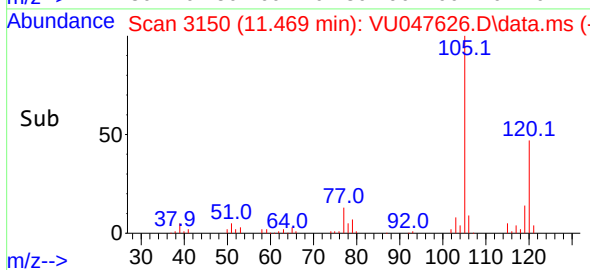
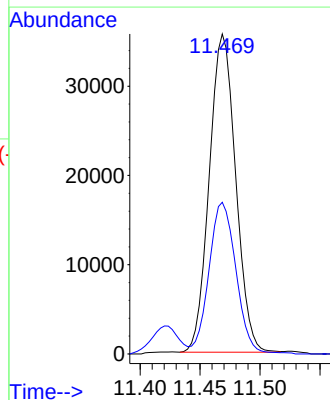
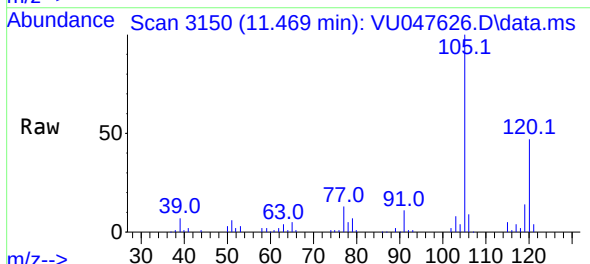
Manual Integrations
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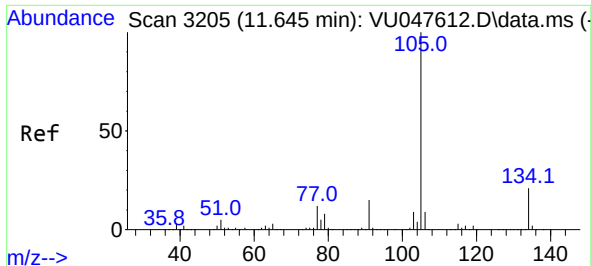
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#78
1,2,4-Trimethylbenzene
Concen: 1.631 ug/l
RT: 11.469 min Scan# 3150
Delta R.T. 0.001 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

Tgt Ion:105 Resp: 54559
Ion Ratio Lower Upper
105 100
120 48.9 22.3 66.8





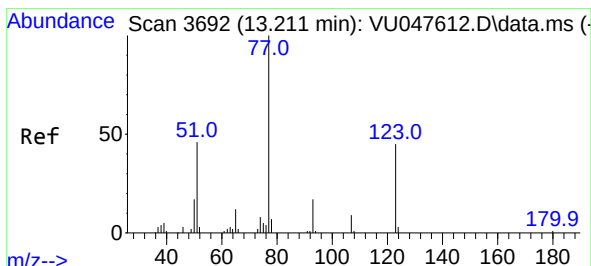
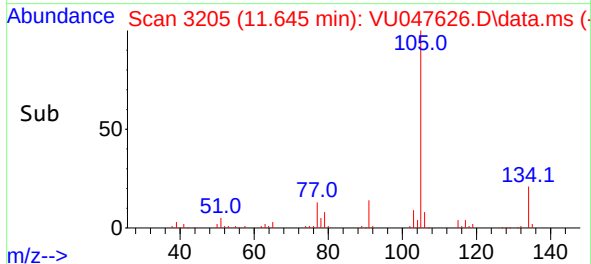
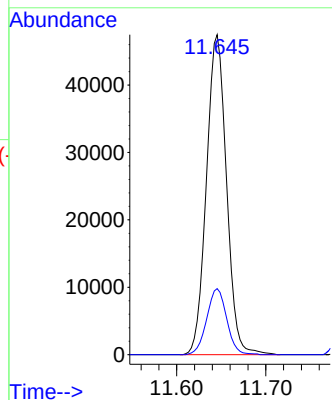
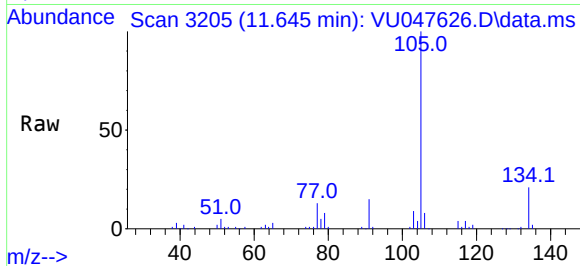
#79
 sec-Butylbenzene
 Concen: 1.620 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU047626.D
 Acq: 21 Mar 2022 11:39

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0321WBS01

Tgt Ion:105 Resp: 7421
 Ion Ratio Lower Upper
 105 100
 134 20.6 15.4 23.0

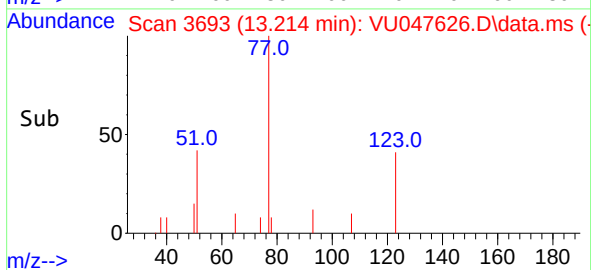
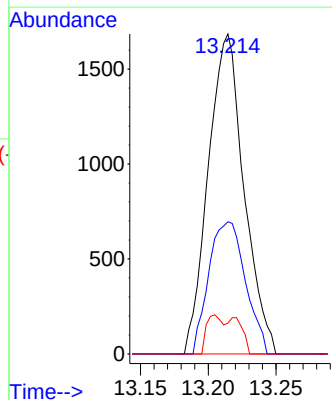
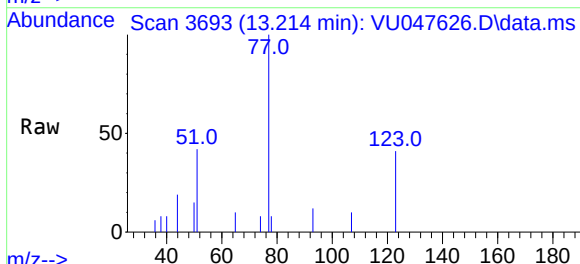
Manual Integrations
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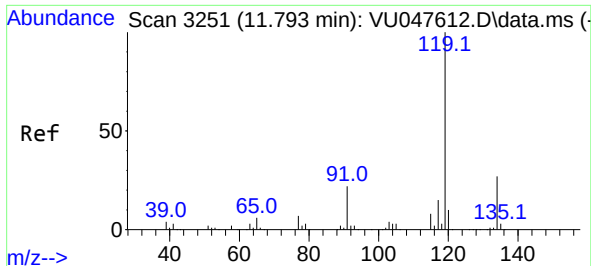
Reviewed By :John Carlone 03/22/2022
 Supervised By :Mahesh Dadoda 04/01/2022



#80
 Nitrobenzene
 Concen: 7.306 ug/l
 RT: 13.214 min Scan# 3693
 Delta R.T. 0.003 min
 Lab File: VU047626.D
 Acq: 21 Mar 2022 11:39

Tgt Ion: 77 Resp: 3087
 Ion Ratio Lower Upper
 77 100
 123 42.3 18.2 64.4
 65 5.6 12.0 15.2#





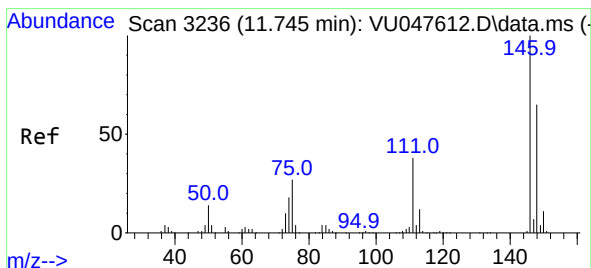
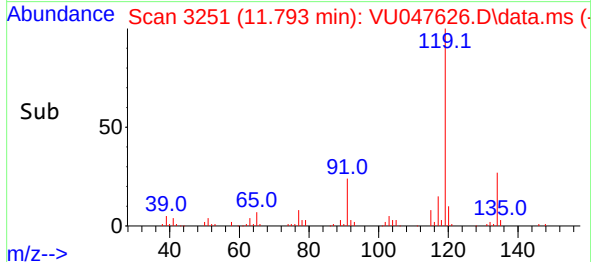
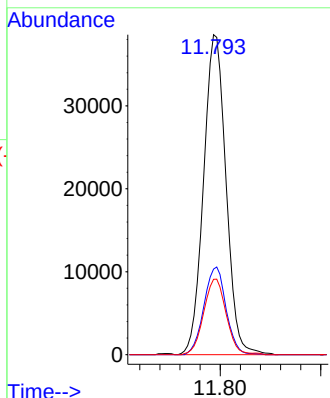
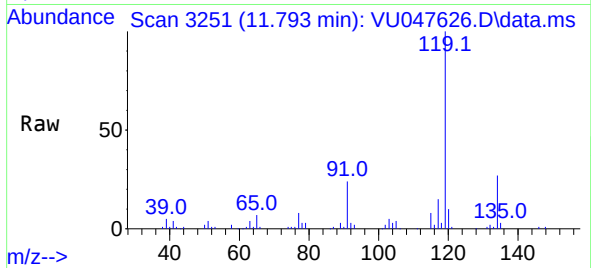
#81
p-Isopropyltoluene
Concen: 1.671 ug/l
RT: 11.793 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

Instrument :
MSVOA_U
ClientSampleId :
VU0321WBS01

Tgt Ion:119 Resp: 5975
Ion Ratio Lower Upper
119 100
134 27.0 20.2 30.4
91 23.7 19.9 29.9

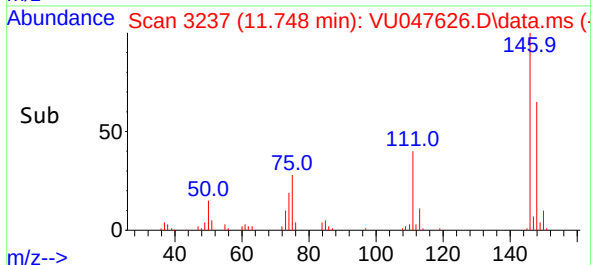
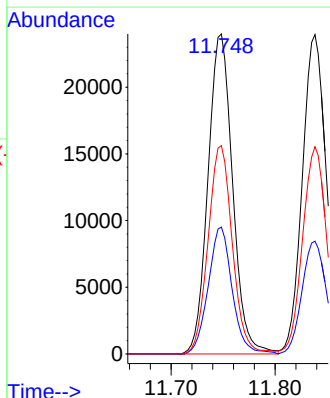
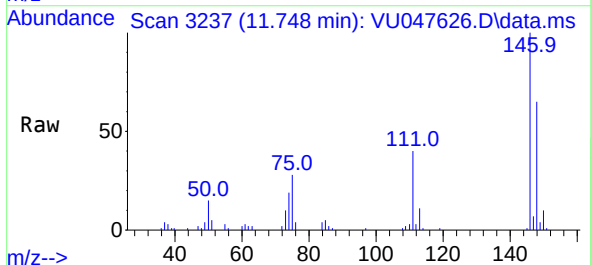
Manual Integrations
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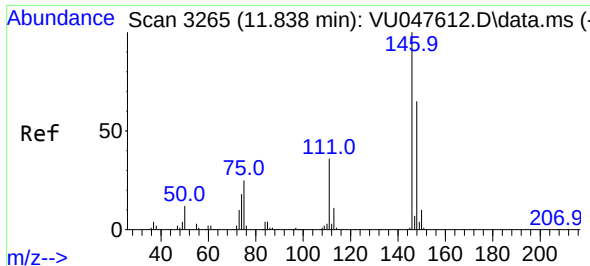
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#82
1,3-Dichlorobenzene
Concen: 1.652 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.003 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

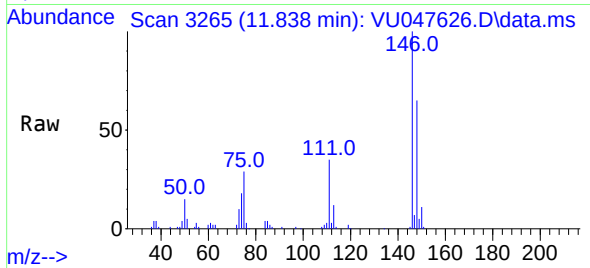
Tgt Ion:146 Resp: 39477
Ion Ratio Lower Upper
146 100
111 38.5 33.9 50.9
148 64.2 50.9 76.3





#83
1,4-Dichlorobenzene
Concen: 1.636 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

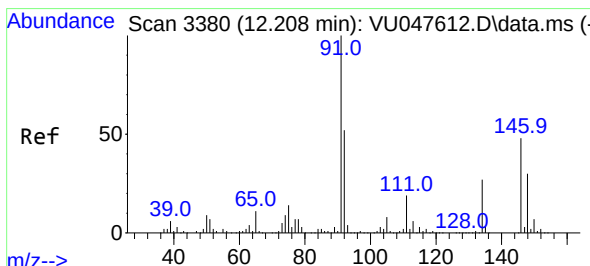
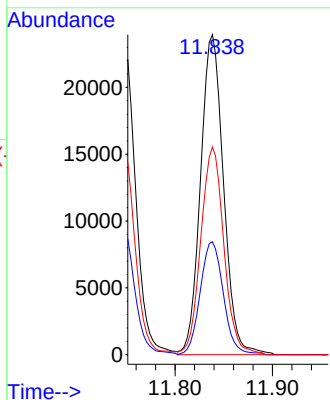
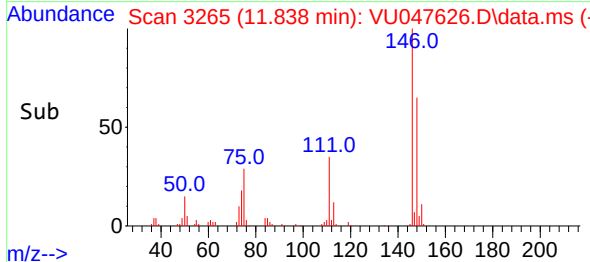
Instrument :
MSVOA_U
ClientSampleId :
VU0321WBS01



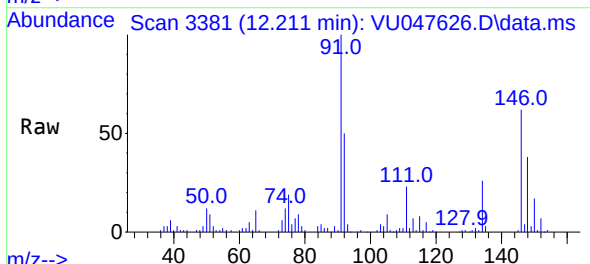
Tgt Ion:146 Resp: 3931
Ion Ratio Lower Upper
146 100
111 35.5 32.7 49.1
148 65.2 51.4 77.0

Manual Integrations
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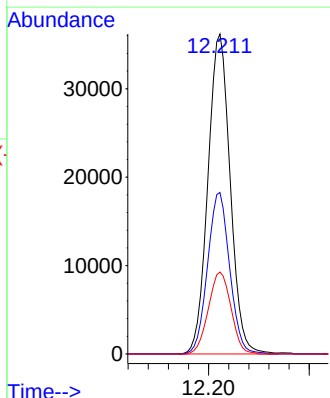
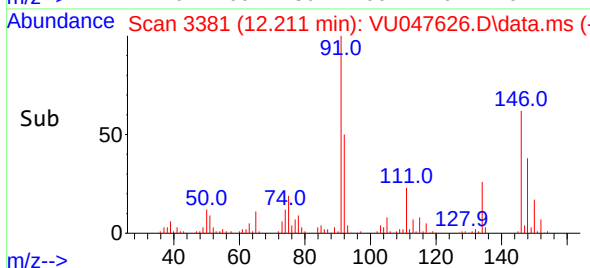
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022

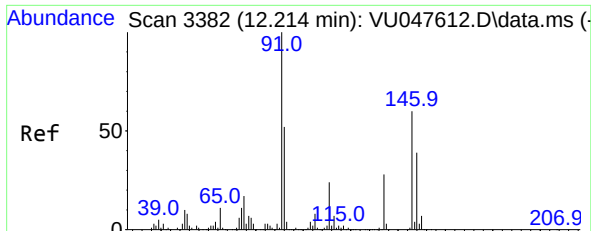


#84
n-Butylbenzene
Concen: 1.684 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39



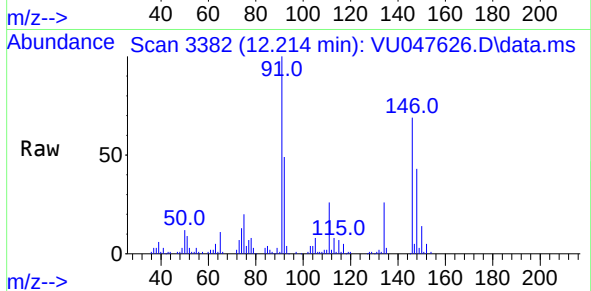
Tgt Ion: 91 Resp: 55717
Ion Ratio Lower Upper
91 100
92 50.0 43.5 65.3
134 26.0 19.0 28.4





#85
1,2-Dichlorobenzene
Concen: 1.648 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

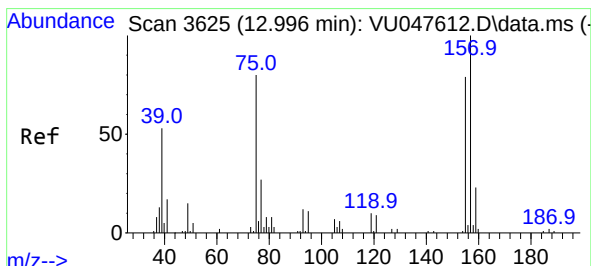
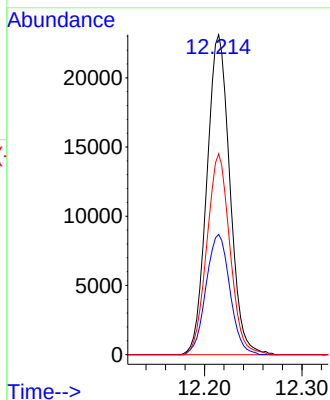
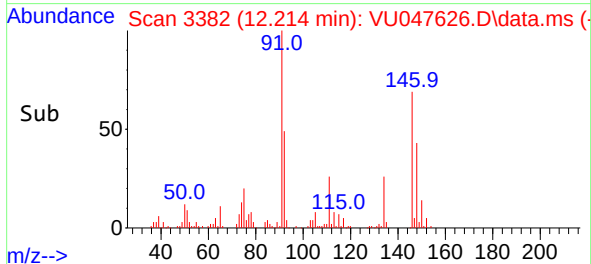
Instrument :
MSVOA_U
ClientSampleId :
VU0321WBS01



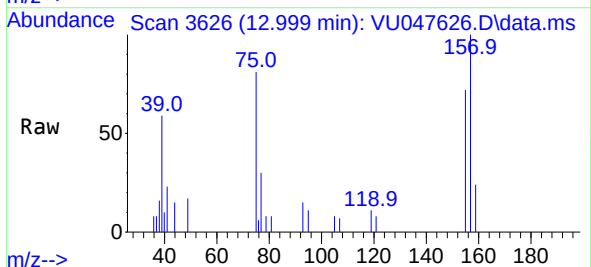
Tgt Ion:146 Resp: 37839
Ion Ratio Lower Upper
146 100
111 39.1 22.1 66.1
148 63.1 31.6 94.7

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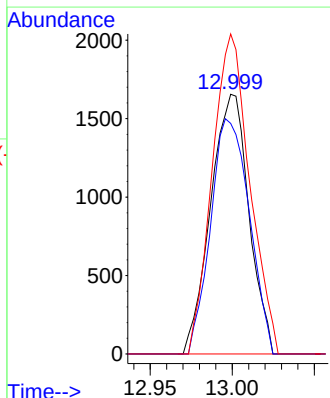
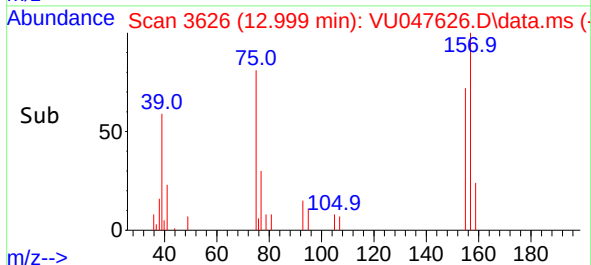
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022

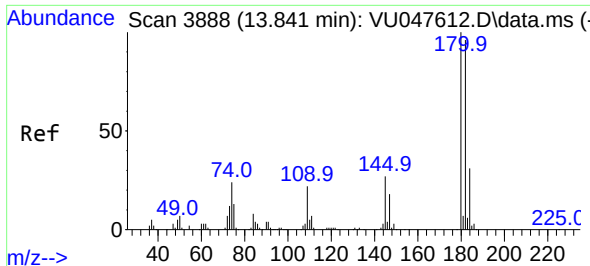


#86
1,2-Dibromo-3-Chloropropane
Concen: 1.537 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.003 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39



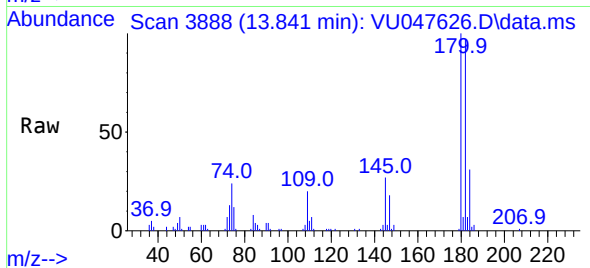
Tgt Ion: 75 Resp: 2681
Ion Ratio Lower Upper
75 100
155 91.6 57.8 86.8#
157 121.0 75.1 112.7#





#87
1,2,4-Trichlorobenzene
Concen: 1.548 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

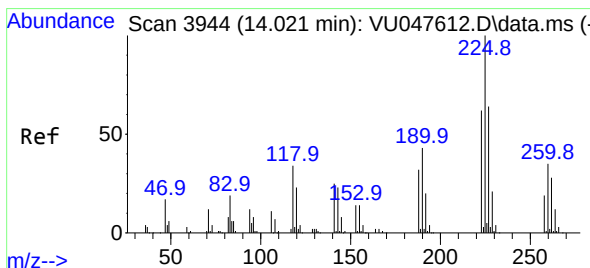
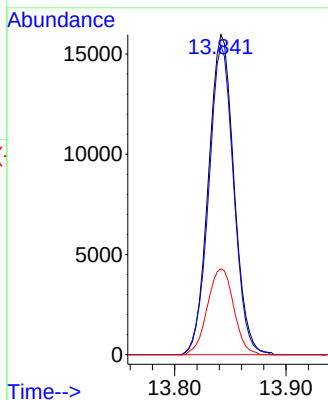
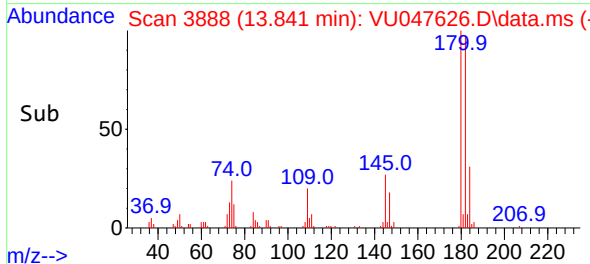
Instrument :
MSVOA_U
ClientSampleId :
VU0321WBS01



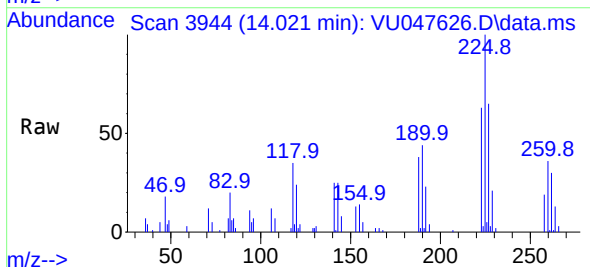
Tgt Ion:180 Resp: 2537
Ion Ratio Lower Upper
180 100
182 94.5 75.8 113.8
145 27.6 25.3 37.9

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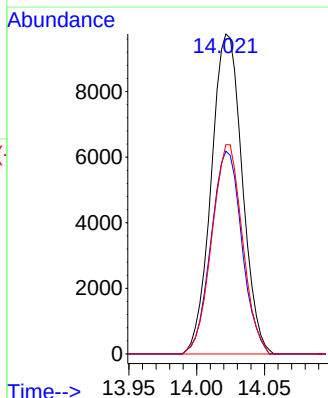
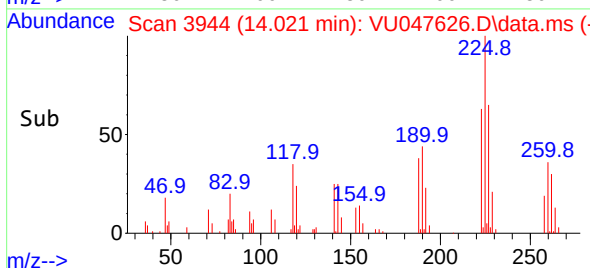
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022

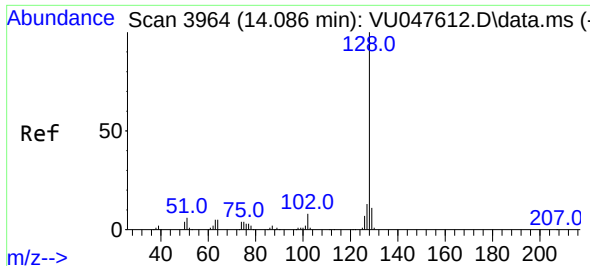


#88
Hexachlorobutadiene
Concen: 1.571 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39



Tgt Ion:225 Resp: 15459
Ion Ratio Lower Upper
225 100
223 63.3 51.1 76.7
227 64.7 49.9 74.9





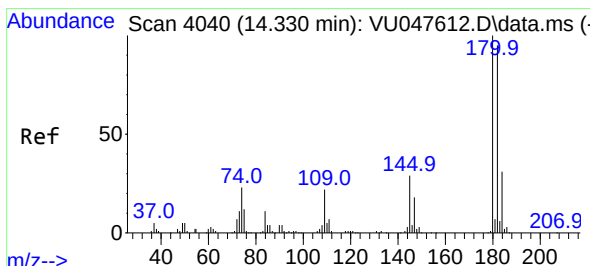
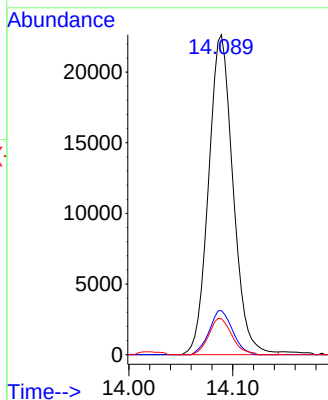
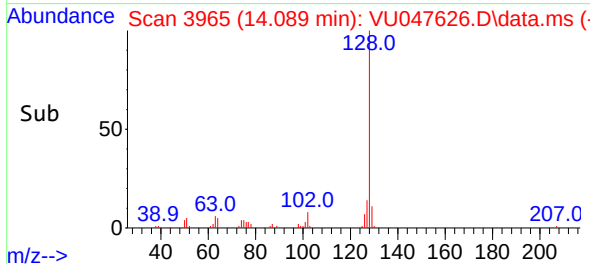
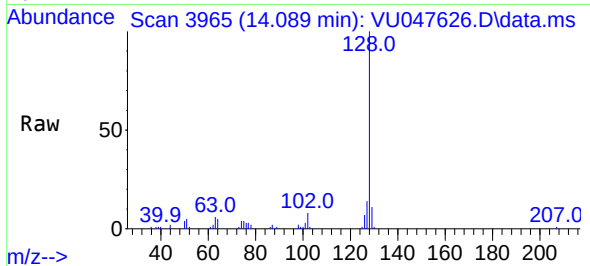
#89
Naphthalene
Concen: 1.330 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

Instrument :
MSVOA_U
ClientSampleId :
VU0321WBS01

Tgt Ion:128 Resp: 37035
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.7 8.6 13.0

Manual Integrations
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Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 04/01/2022



#90
1,2,3-Trichlorobenzene
Concen: 1.481 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU047626.D
Acq: 21 Mar 2022 11:39

Tgt Ion:180 Resp: 22894
Ion Ratio Lower Upper
180 100
182 96.2 75.4 113.0
145 29.2 27.0 40.4

