

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031822\
 Data File : VU047612.D
 Acq On : 18 Mar 2022 11:51
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/31/2022
 Supervised By : Mahesh Dadoda 03/31/2022

Quant Time: Mar 18 12:30:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U031822DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Mar 18 12:19:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.118	96	32637	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	11914	0.942	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	15122	1.149	ug/l	0.00
Spiked Amount 1.000			Recovery	=	115.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	114350	10.508	ug/l	100
3) Chloromethane	1.527	50	111130	9.943	ug/l	99
4) Vinyl Chloride	1.607	62	108487	9.833	ug/l	99
5) Bromomethane	1.861	94	63181	8.766	ug/l	99
6) Chloroethane	1.938	64	64811	10.225	ug/l	98
7) Trichlorofluoromethane	2.144	101	149971	11.532	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	86013	11.475	ug/l	91
9) 1,1-Dichloroethene	2.584	96	84200	10.915	ug/l	91
10) Iodomethane	2.726	142	43128	5.931	ug/l	99
11) Allyl Chloride	2.929	41	105547	8.777	ug/l	98
12) Acrylonitrile	3.327	53	39387	17.395	ug/l	93
13) Acetone	2.646	43	60764	46.137	ug/l	99
14) Carbon Disulfide	2.797	76	267636	10.257	ug/l	100
15) Methylene Chloride	3.051	84	98344	11.351	ug/l	93
16) trans-1,2-Dichloroethene	3.356	96	90395	11.103	ug/l	93
17) 1,1-Dichloroethane	3.874	63	152354	10.213	ug/l	99
18) 2-Butanone	4.723	43	105897	46.424	ug/l	98
19) Cyclohexane	5.391	56	124336m	8.997	ug/l	
20) Methylcyclohexane	6.768	83	143108	9.395	ug/l	94
21) 2,2-Dichloropropane	4.668	77	134026	10.053	ug/l	96
22) cis-1,2-Dichloroethene	4.671	96	98835	10.555	ug/l	89
23) Diethyl Ether	2.382	59	61993	9.943	ug/l	94
24) tert-Butyl Alcohol	3.253	59	39210m	96.699	ug/l	
25) Methyl tert-Butyl Ether	3.372	73	211441	9.774	ug/l	96
26) Bromochloromethane	4.980	128	47822	11.357	ug/l	82
27) Chloroform	5.092	83	164265	10.852	ug/l	99
28) 1,1,1-Trichloroethane	5.321	97	143211	10.929	ug/l	96
29) 1,1-Dichloropropene	5.530	75	122806	10.237	ug/l	96
30) Carbon Tetrachloride	5.526	117	131226	11.390	ug/l	99
31) Isopropyl Ether	4.002	45	211383	8.860	ug/l	96
32) Ethyl-t-butyl ether	4.510	59	214130	8.829	ug/l	94
33) Tert-Amyl methyl ether	5.948	73	208201	9.320	ug/l	97
34) Propionitrile	4.800	54	28197	44.633	ug/l #	87
35) Benzene	5.777	78	353734	10.523	ug/l	99
36) 1,2-Dichloroethane	5.800	62	106329	10.447	ug/l	99
37) Trichloroethene	6.546	130	102903	11.056	ug/l	88
38) 1,2-Dichloropropane	6.793	63	91412	10.276	ug/l	100
39) Methacrylonitrile	4.983	41	26261	8.565	ug/l	93
40) Methyl acrylate	4.854	55	46366	8.946	ug/l #	94
41) Tetrahydrofuran	5.073	42	26386	16.894	ug/l	96
42) 1-Chlorobutane	5.462	56	155104	9.630	ug/l	98
43) Dibromomethane	6.922	93	53473	11.146	ug/l #	85
44) Bromodichloromethane	7.108	83	123705	10.902	ug/l #	98

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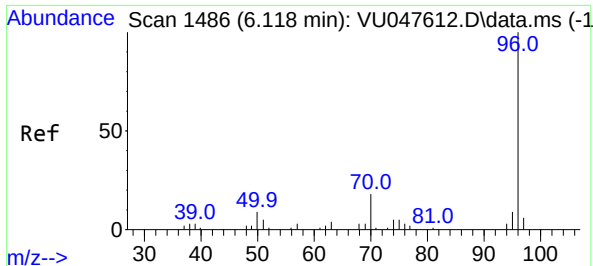
Manual Integrations
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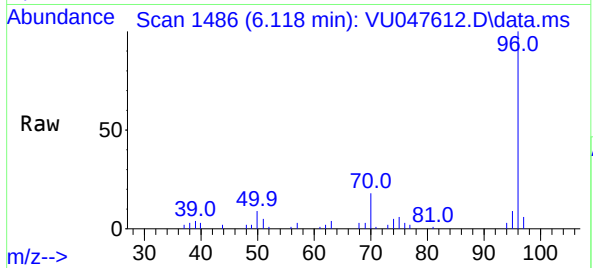
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.797	43	286841	44.207	ug/l	97
46) t-1,4-Dichloro-2-butene	10.838	75	49544m	17.540	ug/l	
47) Methyl methacrylate	6.967	69	97927	19.463	ug/l	88
48) Ethyl methacrylate	8.337	69	90753	8.898	ug/l	89
49) Toluene	7.970	92	228637	10.544	ug/l	97
50) t-1,3-Dichloropropene	8.211	75	119459	9.727	ug/l	99
51) cis-1,3-Dichloropropene	7.610	75	132906	9.653	ug/l	94
52) 1,1,2-Trichloroethane	8.401	97	75235	10.991	ug/l	99
53) 1,3-Dichloropropane	8.578	76	122278	9.998	ug/l	98
54) 2-Hexanone	8.690	43	206646	42.748	ug/l	98
55) Dibromochloromethane	8.813	129	95351	11.458	ug/l	99
56) 1,2-Dibromoethane	8.925	107	74407	10.756	ug/l	97
58) Tetrachloroethene	8.555	164	94125	10.960	ug/l	94
59) Chlorobenzene	9.449	112	259431	10.730	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.536	131	97919	11.784	ug/l	99
61) Pentachloroethane	11.430	117	81684	12.949	ug/l	82
62) Hexachloroethane	12.478	117	82250	12.076	ug/l #	70
63) Ethyl Benzene	9.571	91	431180	10.145	ug/l	98
64) m/p-Xylenes	9.694	106	345145	21.305	ug/l	95
65) o-Xylene	10.102	106	163499	10.418	ug/l	93
66) Styrene	10.115	104	287042	10.777	ug/l	95
67) Bromoform	10.292	173	64155	12.165	ug/l #	97
69) Isopropylbenzene	10.484	105	432561	10.249	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.784	83	99946	10.800	ug/l	99
71) 1,2,3-Trichloropropane	10.835	75	81871m	10.483	ug/l	
72) Bromobenzene	10.784	156	123265	11.958	ug/l	76
73) n-propylbenzene	10.906	120	128300	11.042	ug/l	81
74) 2-Chlorotoluene	10.986	126	112455	11.353	ug/l	77
75) 1,3,5-Trimethylbenzene	11.089	105	378628	10.939	ug/l	97
76) 4-Chlorotoluene	11.099	126	122419	11.763	ug/l	73
77) tert-Butylbenzene	11.423	119	376819	10.850	ug/l	92
78) 1,2,4-Trimethylbenzene	11.468	105	386062	10.929	ug/l	96
79) sec-Butylbenzene	11.645	105	497942	10.797	ug/l	96
80) Nitrobenzene	13.211	77	21598	48.340	ug/l	96
81) p-Isopropyltoluene	11.793	119	429555	11.007	ug/l	95
82) 1,3-Dichlorobenzene	11.745	146	238787	11.900	ug/l	96
83) 1,4-Dichlorobenzene	11.838	146	240533	11.899	ug/l	97
84) n-Butylbenzene	12.208	91	396458	10.579	ug/l	95
85) 1,2-Dichlorobenzene	12.214	146	228654	11.838	ug/l	96
86) 1,2-Dibromo-3-Chloropr...	12.996	75	17203	10.139	ug/l #	67
87) 1,2,4-Trichlorobenzene	13.841	180	173849	11.463	ug/l	97
88) Hexachlorobutadiene	14.021	225	98519	12.705	ug/l	98
89) Naphthalene	14.086	128	301742	9.713	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	165220	12.145	ug/l	97

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU047612.D
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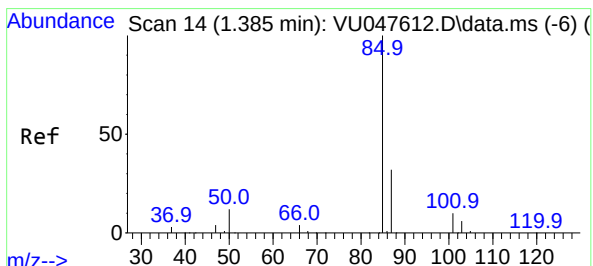
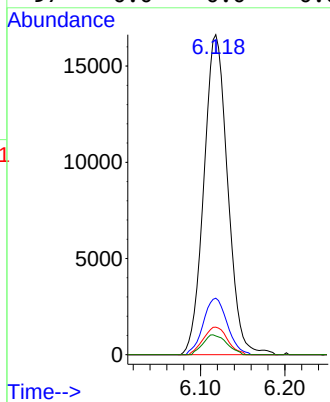
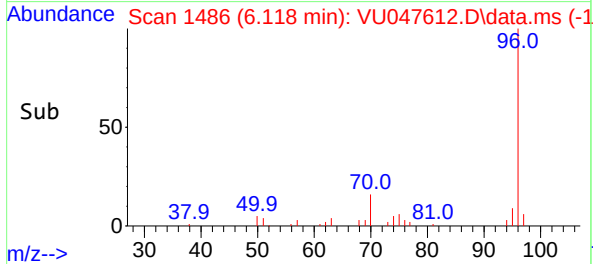
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



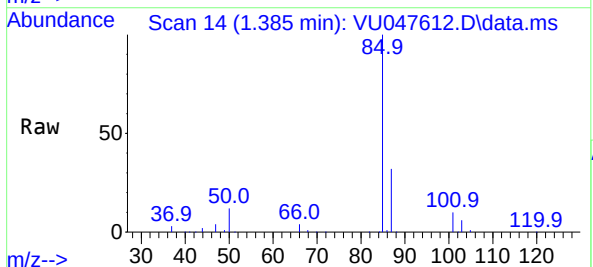
Tgt Ion: 96 Resp: 3263
Ion Ratio Lower Upper
96 100
70 17.8 16.8 25.2
95 8.7 7.3 10.9
97 0.0 0.0 0.0

Manual Integrations
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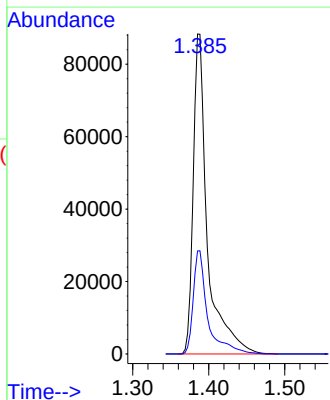
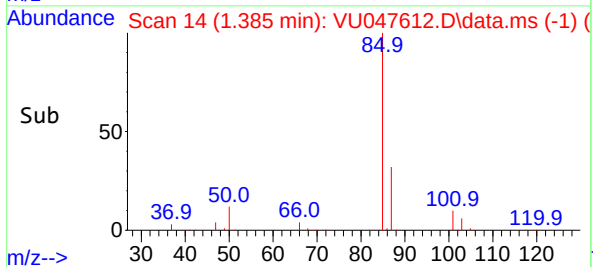
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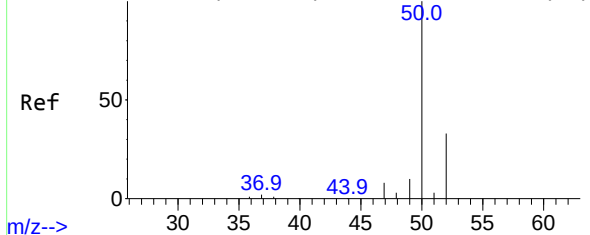
#2
Dichlorodifluoromethane
Concen: 10.508 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51



Tgt Ion: 85 Resp: 114350
Ion Ratio Lower Upper
85 100
87 32.2 16.2 48.6



Abundance Scan 58 (1.527 min): VU047612.D\data.ms (-48)



#3

Chloromethane

Concen: 9.943 ug/l

RT: 1.527 min Scan# 58

Delta R.T. 0.000 min

Lab File: VU047612.D

Acq: 18 Mar 2022 11:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 50 Resp: 111130

Ion Ratio Lower Upper

50 100

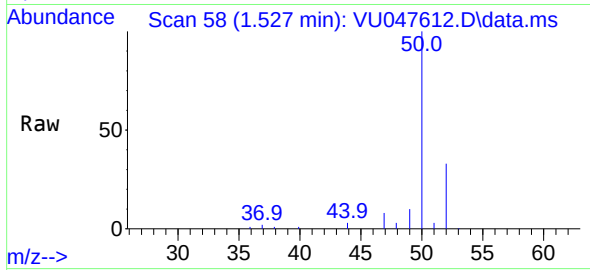
52 33.3 26.2 39.4

Manual Integrations

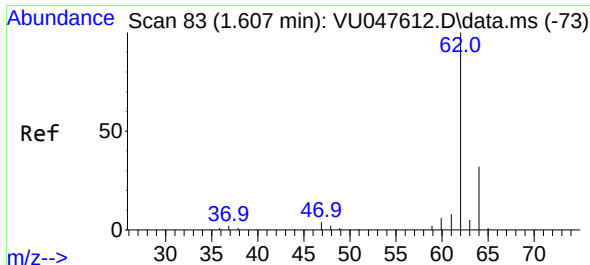
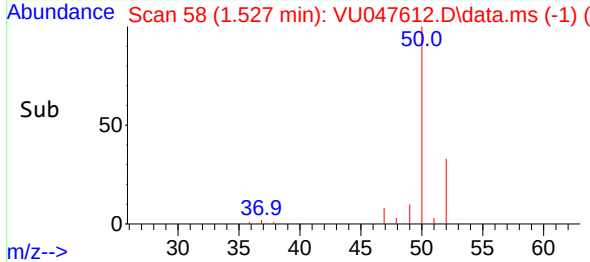
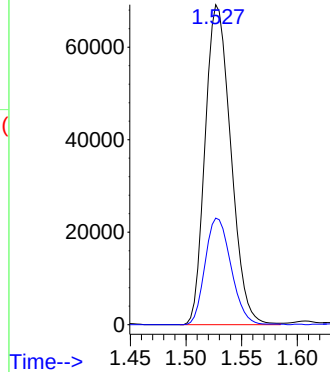
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Abundance



#4

Vinyl Chloride

Concen: 9.833 ug/l

RT: 1.607 min Scan# 83

Delta R.T. 0.000 min

Lab File: VU047612.D

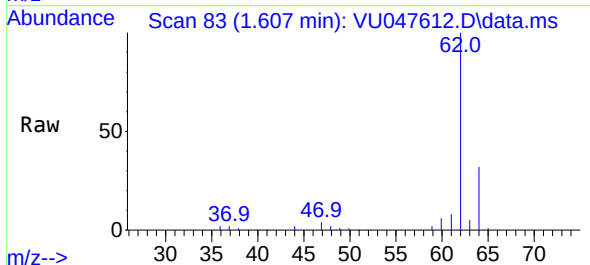
Acq: 18 Mar 2022 11:51

Tgt Ion: 62 Resp: 108487

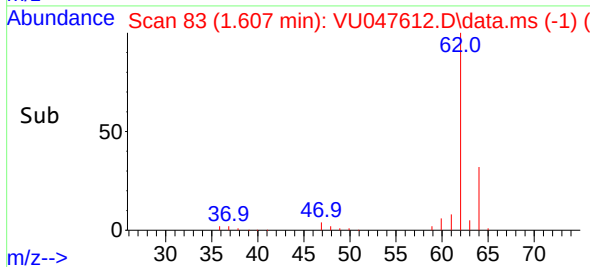
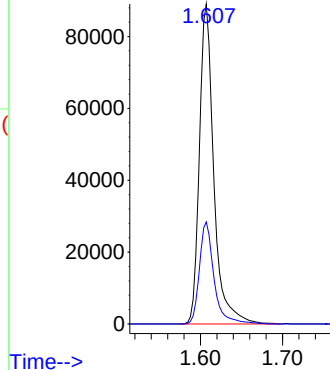
Ion Ratio Lower Upper

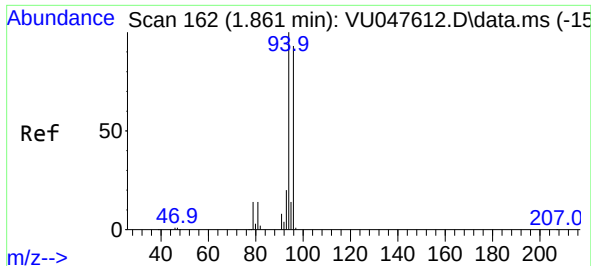
62 100

64 31.9 26.0 39.0



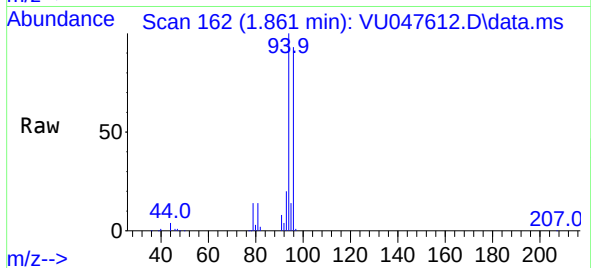
Abundance





#5
Bromomethane
Concen: 8.766 ug/l
RT: 1.861 min Scan# 162
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

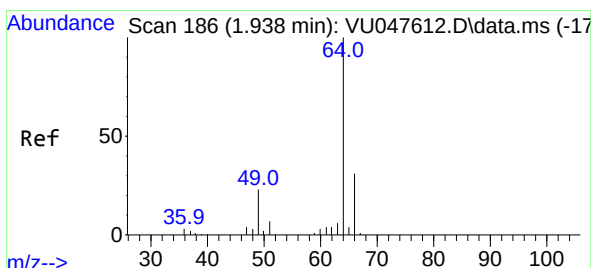
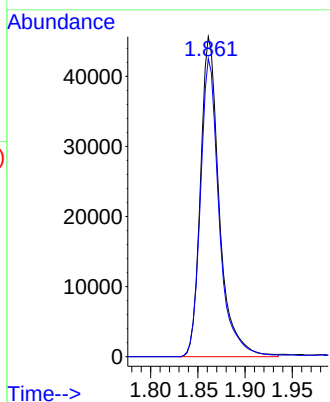
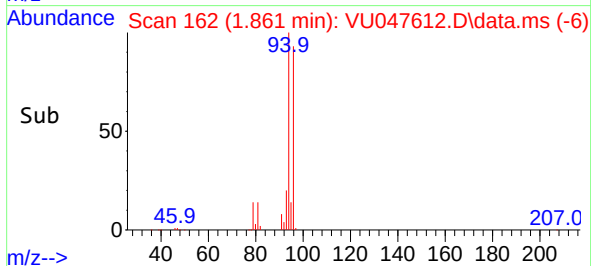
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 6318
Ion Ratio Lower Upper
94 100
96 93.2 75.0 112.4

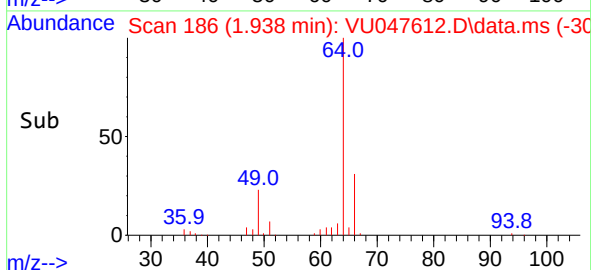
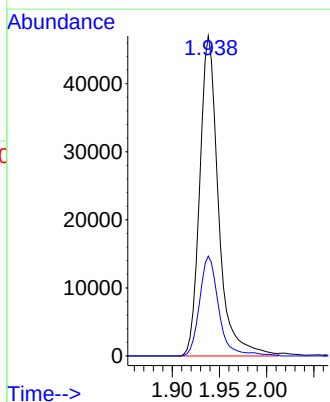
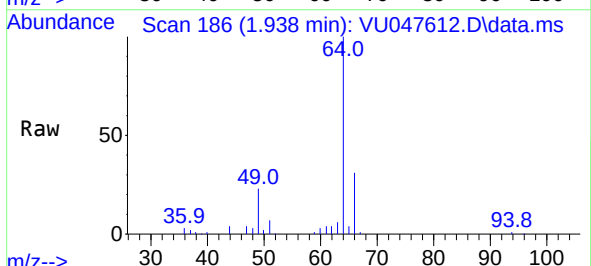
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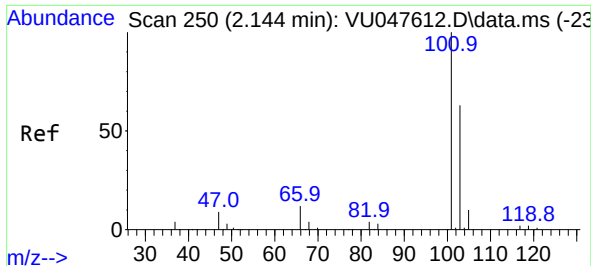
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#6
Chloroethane
Concen: 10.225 ug/l
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU047612.D
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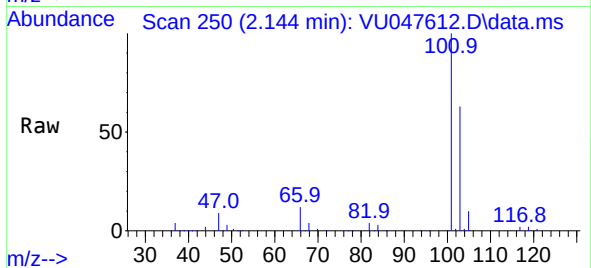
Tgt Ion: 64 Resp: 64811
Ion Ratio Lower Upper
64 100
66 31.2 25.8 38.8





#7
Trichlorofluoromethane
Concen: 11.532 ug/l
RT: 2.144 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

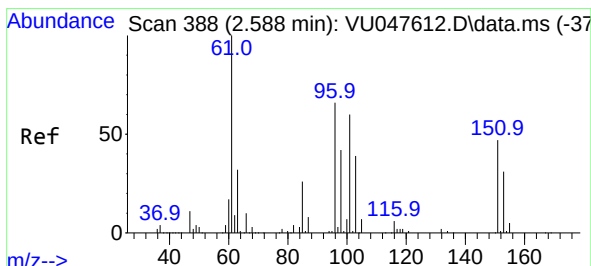
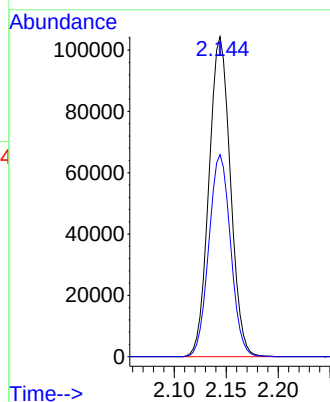
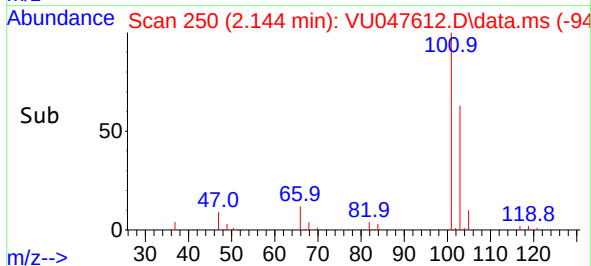
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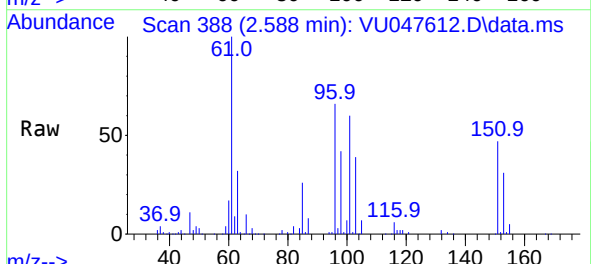
Tgt Ion:101 Resp: 14997
Ion Ratio Lower Upper
101 100
103 63.1 52.2 78.2

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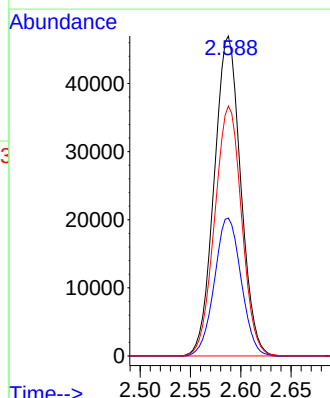
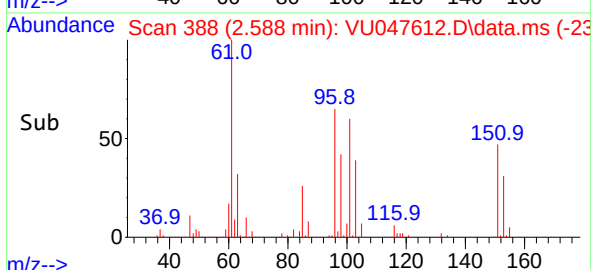
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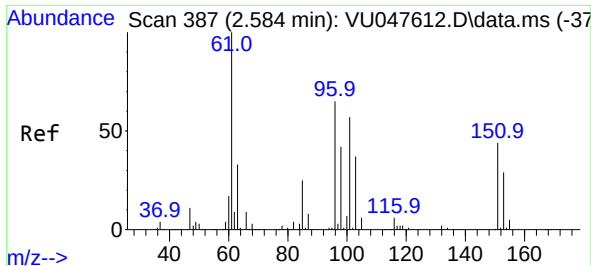


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 11.475 ug/l
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51



Tgt Ion:101 Resp: 86013
Ion Ratio Lower Upper
101 100
85 43.6 35.8 53.6
151 79.6 54.6 81.8





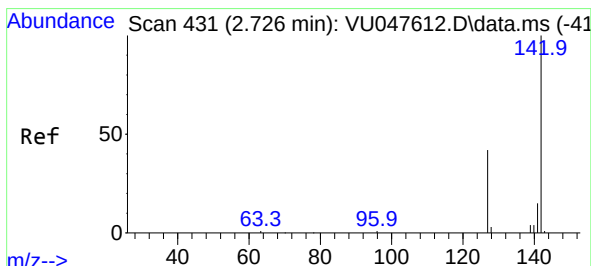
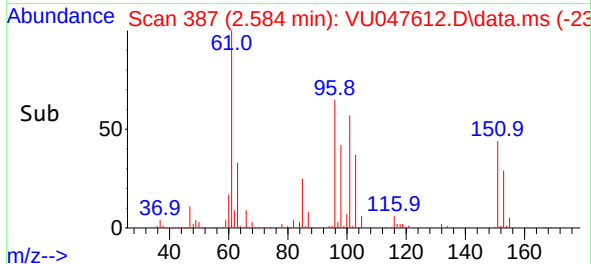
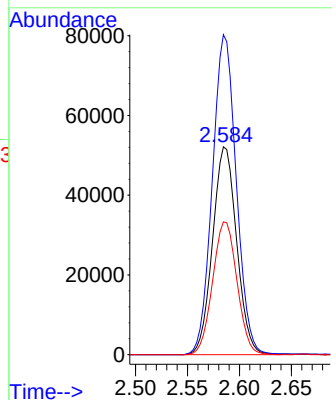
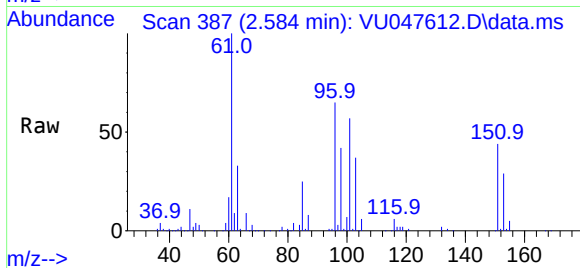
#9
1,1-Dichloroethene
Concen: 10.915 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 96 Resp: 84200
Ion Ratio Lower Upper
96 100
61 154.0 0.0 514.2
98 63.9 0.0 126.4

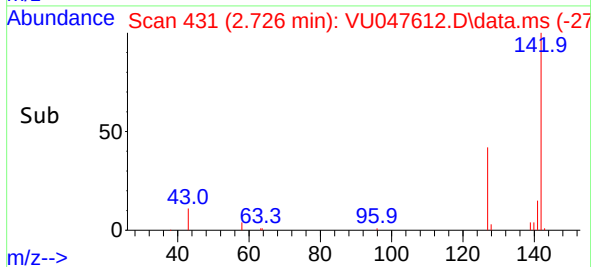
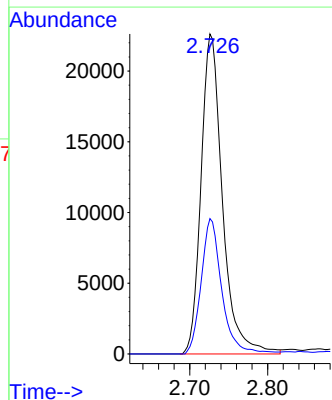
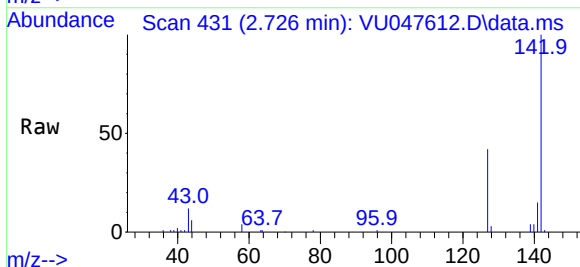
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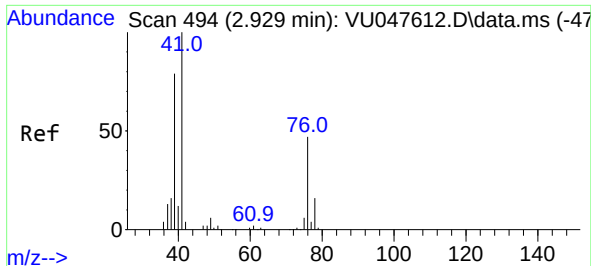
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#10
Iodomethane
Concen: 5.931 ug/l
RT: 2.726 min Scan# 431
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

Tgt Ion:142 Resp: 43128
Ion Ratio Lower Upper
142 100
127 40.8 33.2 49.8





#11

Allyl Chloride

Concen: 8.777 ug/l

RT: 2.929 min Scan# 494

Delta R.T. 0.000 min

Lab File: VU047612.D

Acq: 18 Mar 2022 11:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 41 Resp: 10554

Ion Ratio Lower Upper

41 100

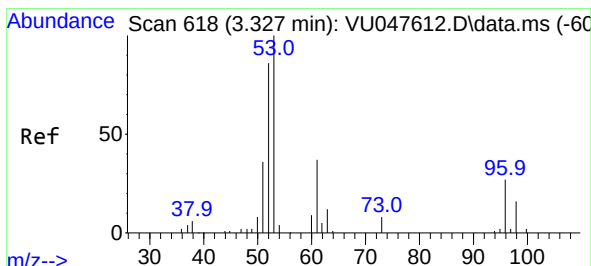
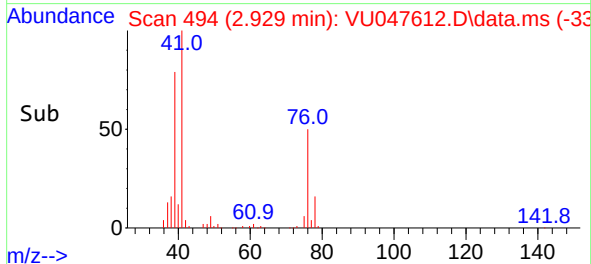
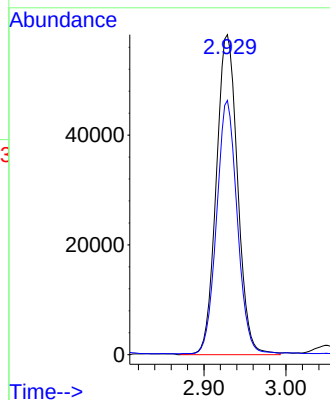
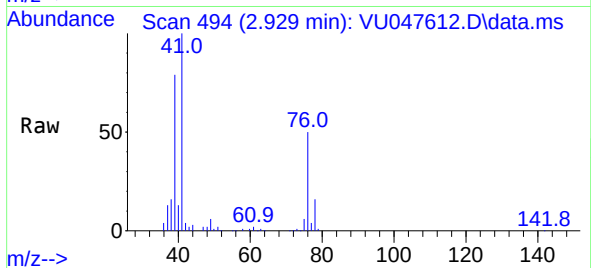
39 76.2 62.4 93.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#12

Acrylonitrile

Concen: 17.395 ug/l

RT: 3.327 min Scan# 618

Delta R.T. 0.000 min

Lab File: VU047612.D

Acq: 18 Mar 2022 11:51

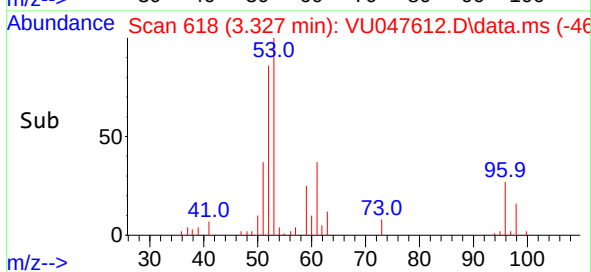
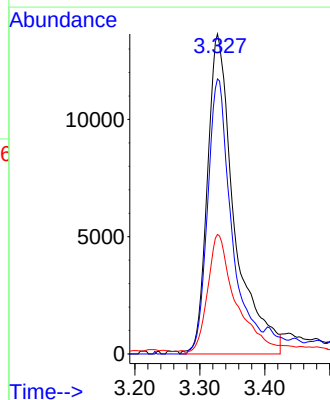
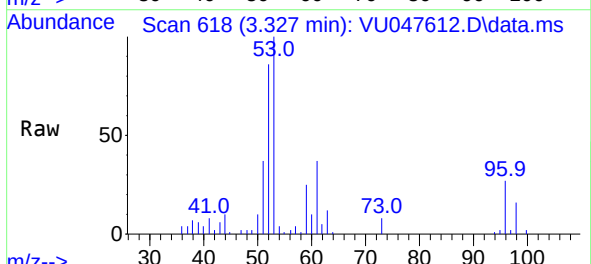
Tgt Ion: 53 Resp: 39387

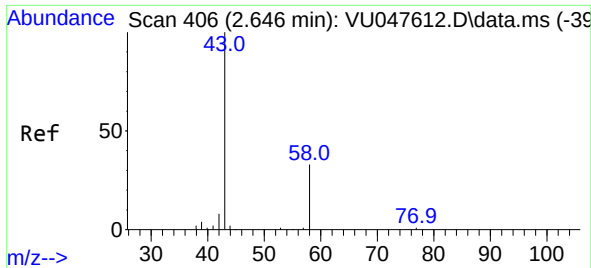
Ion Ratio Lower Upper

53 100

52 76.9 56.7 85.1

51 41.2 30.3 45.5





#13

Acetone

Concen: 46.137 ug/l

RT: 2.646 min Scan# 406

Delta R.T. 0.000 min

Lab File: VU047612.D

Acq: 18 Mar 2022 11:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 43 Resp: 60764

Ion Ratio Lower Upper

43 100

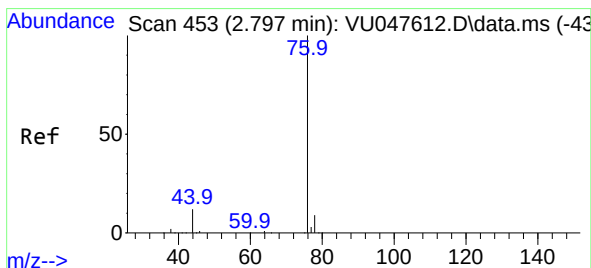
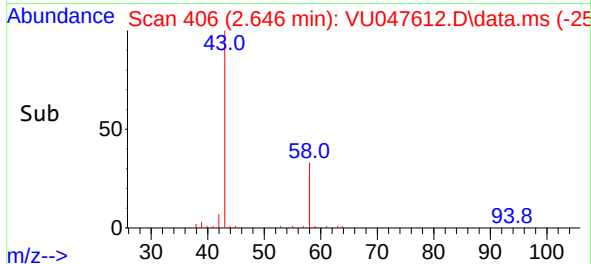
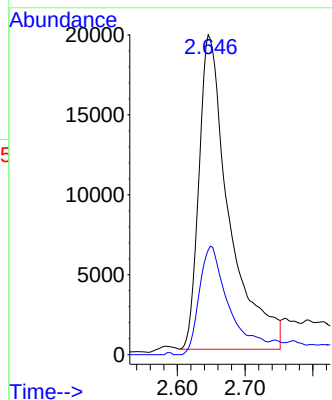
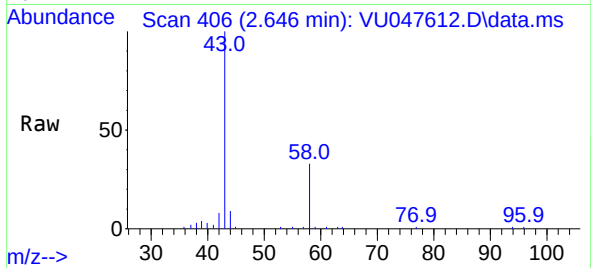
58 33.3 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#14

Carbon Disulfide

Concen: 10.257 ug/l

RT: 2.797 min Scan# 453

Delta R.T. 0.000 min

Lab File: VU047612.D

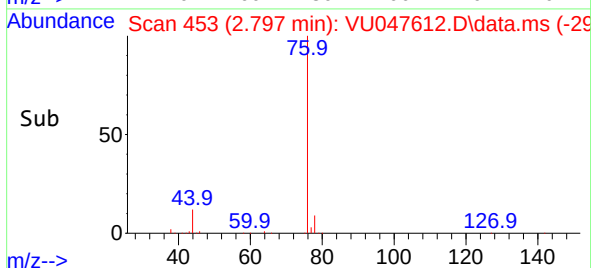
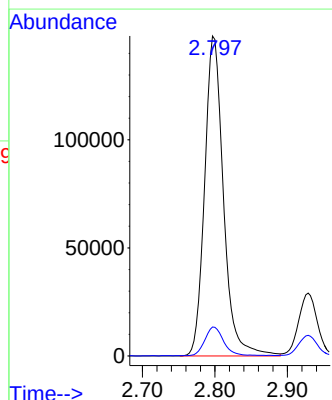
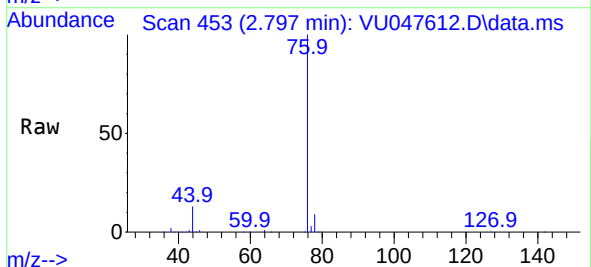
Acq: 18 Mar 2022 11:51

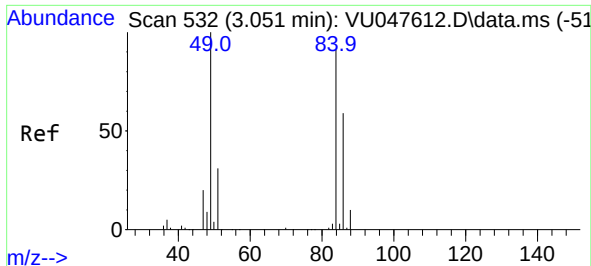
Tgt Ion: 76 Resp: 267636

Ion Ratio Lower Upper

76 100

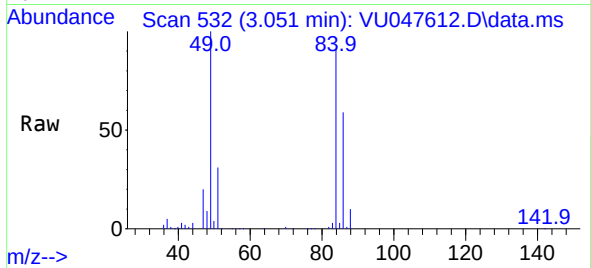
78 8.9 7.1 10.7





#15
Methylene Chloride
Concen: 11.351 ug/l
RT: 3.051 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

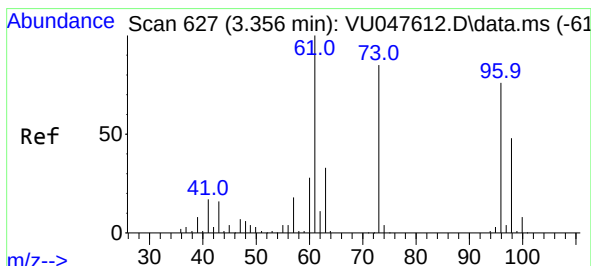
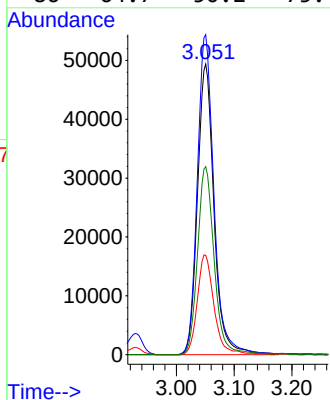
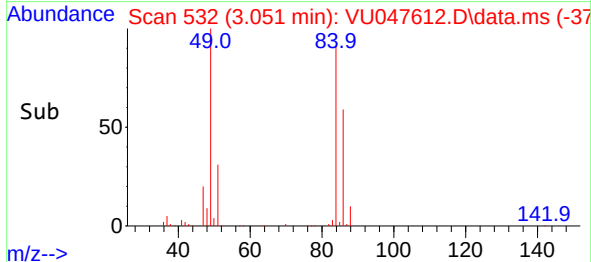
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



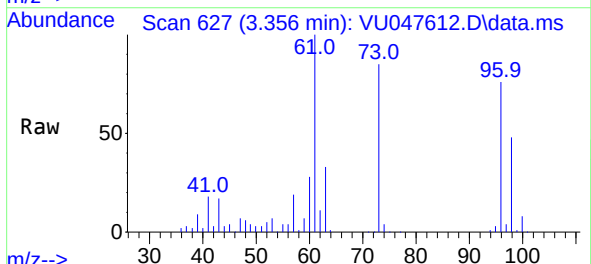
Tgt Ion: 84 Resp: 9834
Ion Ratio Lower Upper
84 100
49 110.1 97.2 145.8
51 34.2 0.0 73.4
86 64.7 50.2 75.4

Manual Integrations
APPROVED

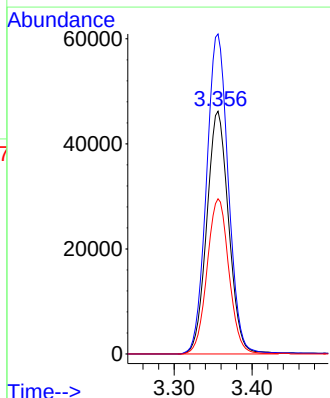
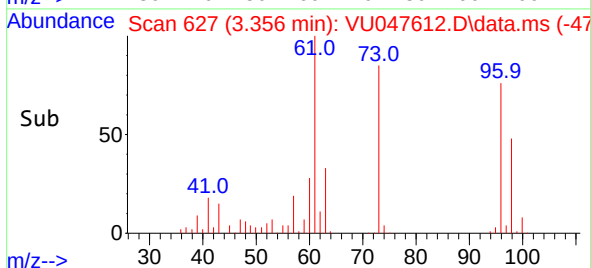
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

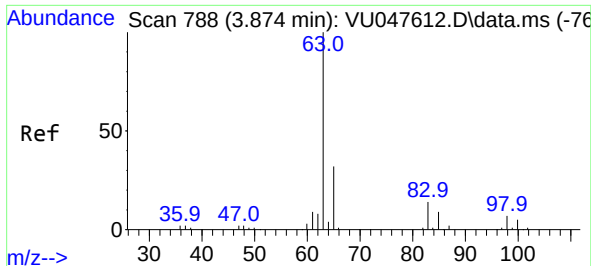


#16
trans-1,2-Dichloroethene
Concen: 11.103 ug/l
RT: 3.356 min Scan# 627
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51



Tgt Ion: 96 Resp: 90395
Ion Ratio Lower Upper
96 100
61 131.8 115.8 173.6
98 63.9 51.1 76.7





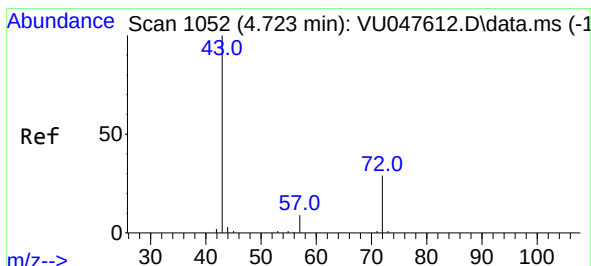
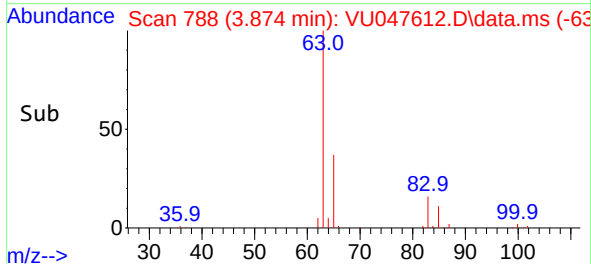
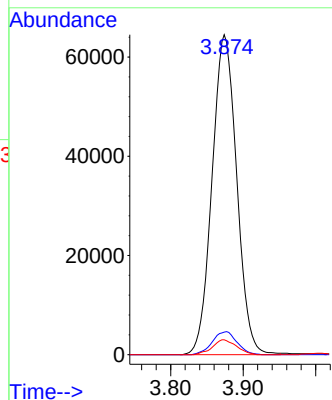
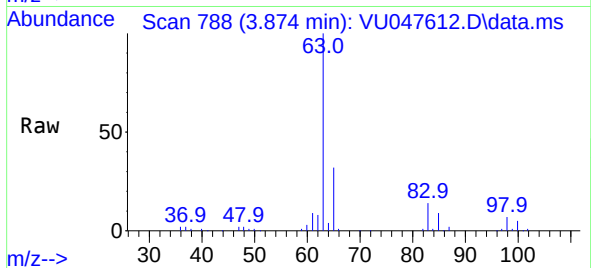
#17
1,1-Dichloroethane
Concen: 10.213 ug/l
RT: 3.874 min Scan# 788
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 63 Resp: 152354
Ion Ratio Lower Upper
63 100
98 7.0 3.6 10.8
100 4.7 2.1 6.5

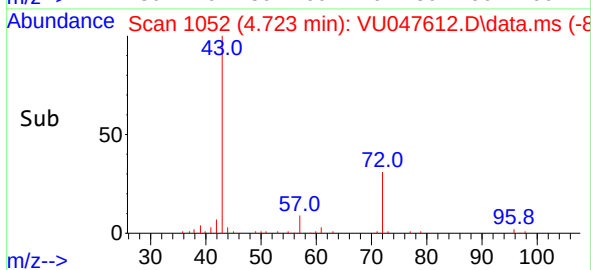
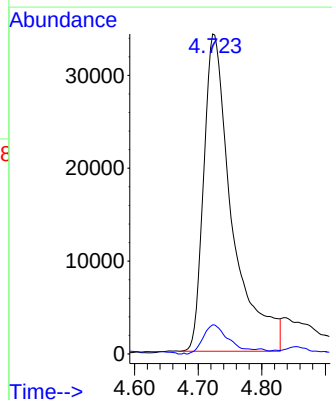
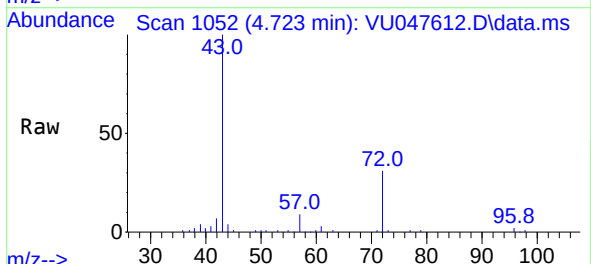
Manual Integrations
APPROVED

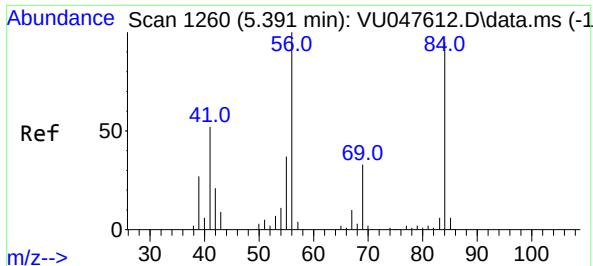
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#18
2-Butanone
Concen: 46.424 ug/l
RT: 4.723 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

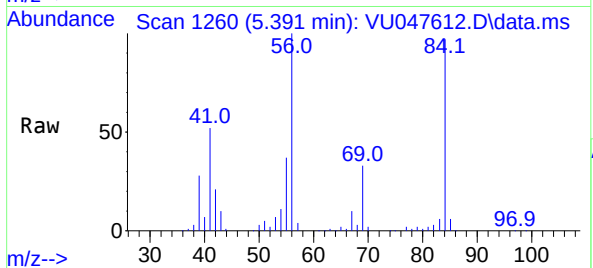
Tgt Ion: 43 Resp: 105897
Ion Ratio Lower Upper
43 100
57 9.2 0.0 16.6





#19
Cyclohexane
Concen: 8.997 ug/l m
RT: 5.391 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

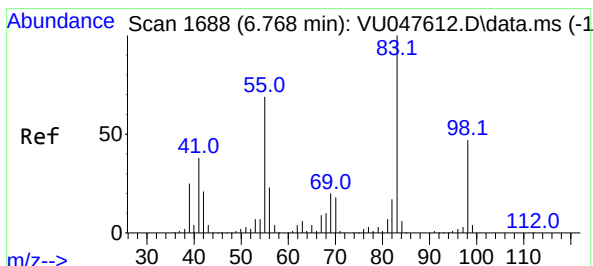
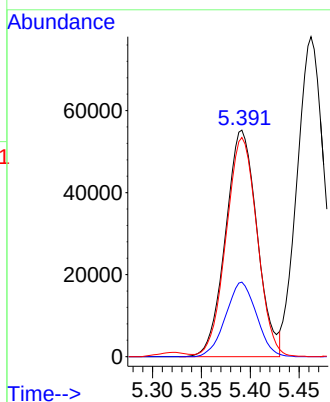
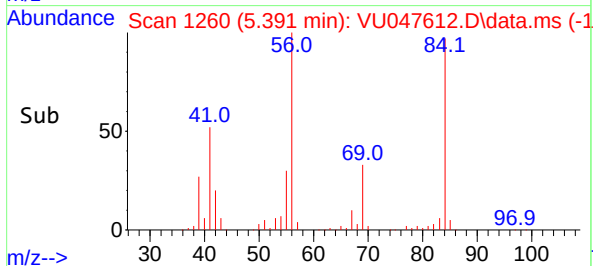
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 56 Resp: 124330
Ion Ratio Lower Upper
56 100
69 32.0 24.7 37.1
84 93.4 68.8 103.2

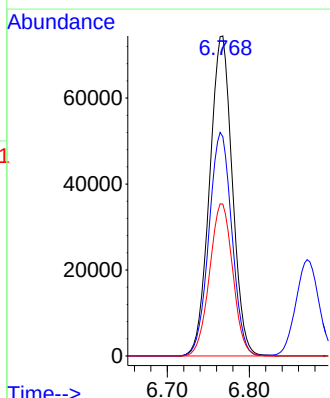
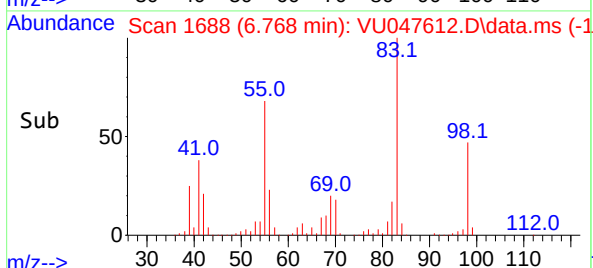
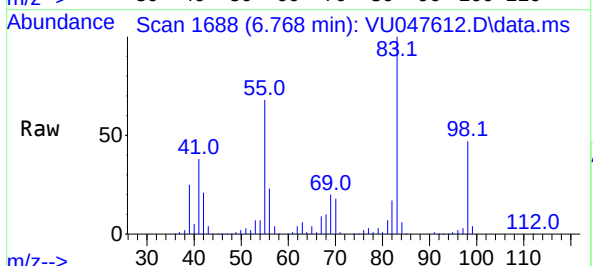
Manual Integrations
APPROVED

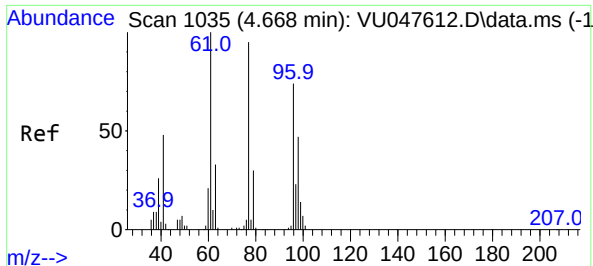
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#20
Methylcyclohexane
Concen: 9.395 ug/l
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

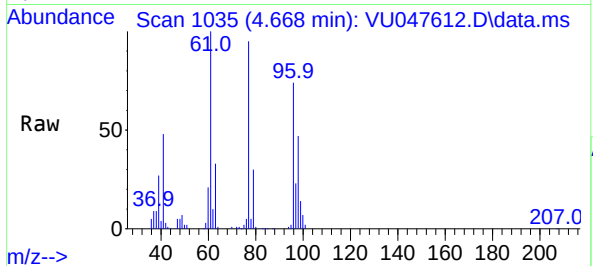
Tgt Ion: 83 Resp: 143108
Ion Ratio Lower Upper
83 100
55 70.3 61.9 92.9
98 48.5 37.4 56.2





#21
2,2-Dichloropropane
Concen: 10.053 ug/l
RT: 4.668 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

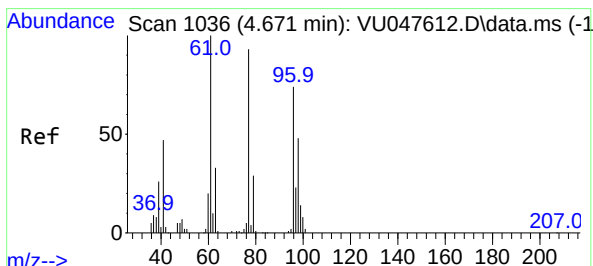
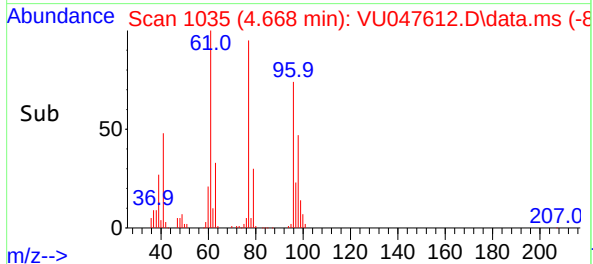
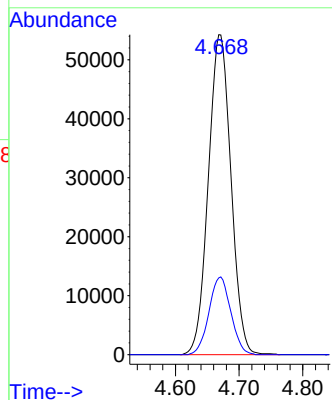
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 77 Resp: 134020
Ion Ratio Lower Upper
77 100
97 23.5 17.2 25.8

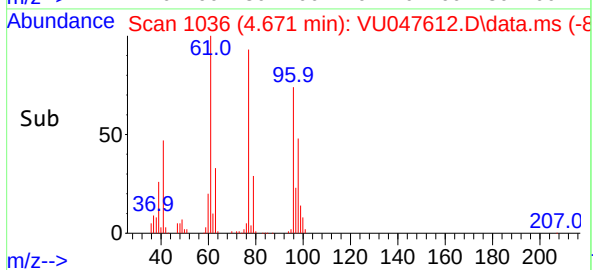
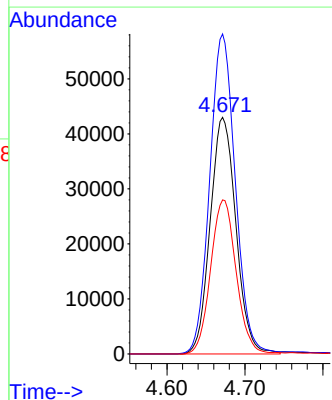
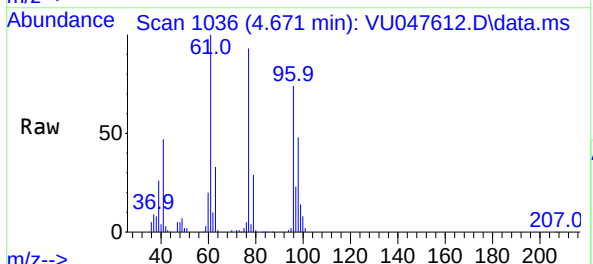
Manual Integrations
APPROVED

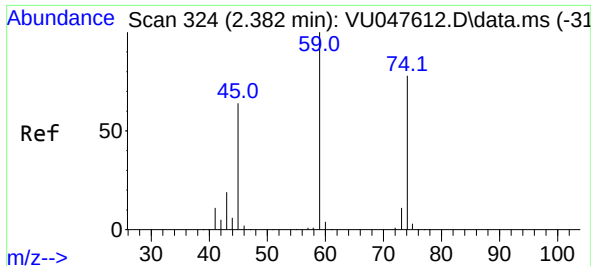
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#22
cis-1,2-Dichloroethene
Concen: 10.555 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

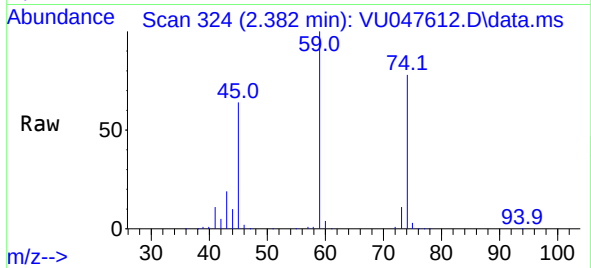
Tgt Ion: 96 Resp: 98835
Ion Ratio Lower Upper
96 100
61 134.3 0.0 385.3
98 64.6 32.1 96.3





#23
Diethyl Ether
Concen: 9.943 ug/l
RT: 2.382 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

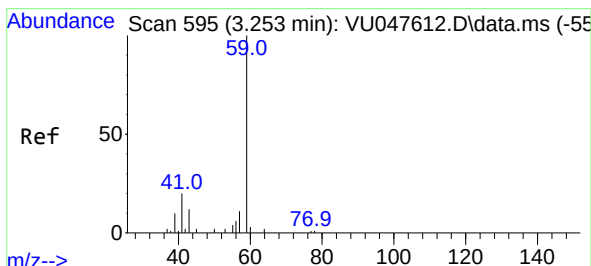
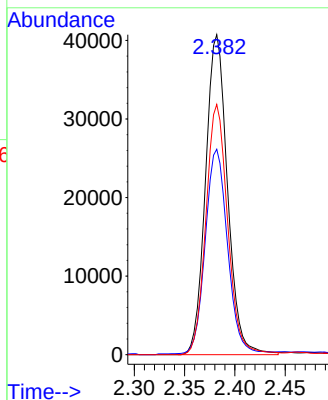
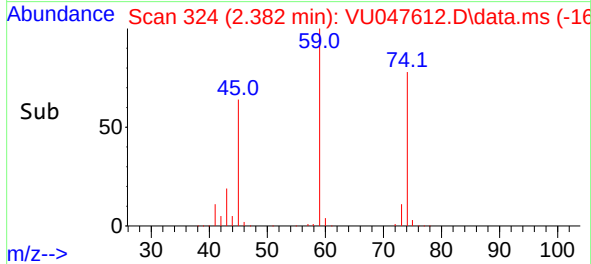
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 59 Resp: 6199
Ion Ratio Lower Upper
59 100
45 64.8 55.6 83.4
74 77.9 58.1 87.1

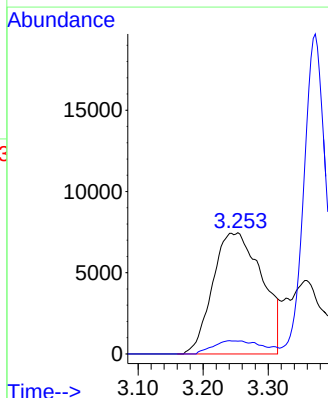
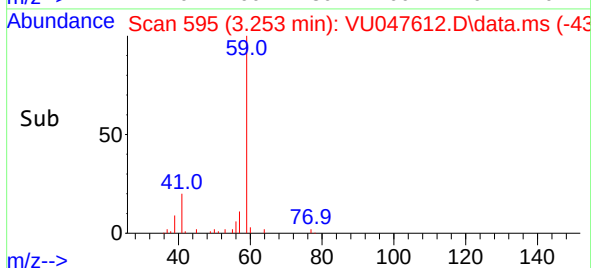
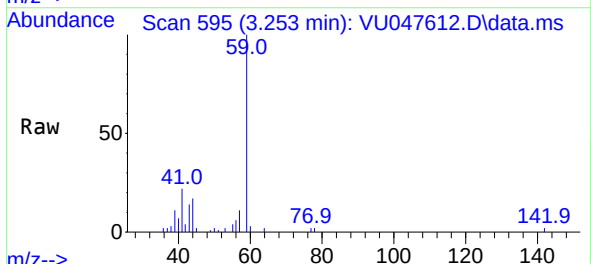
Manual Integrations
APPROVED

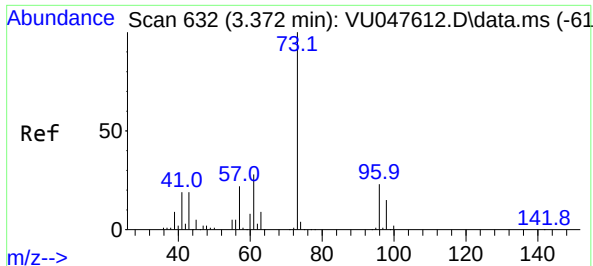
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#24
tert-Butyl Alcohol
Concen: 96.699 ug/l m
RT: 3.253 min Scan# 595
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

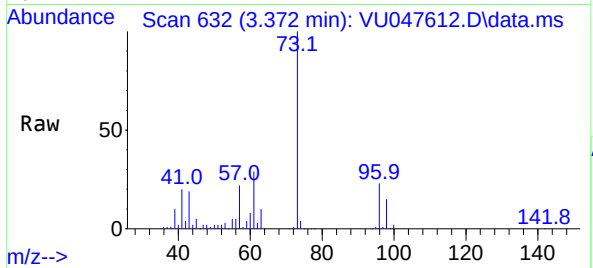
Tgt Ion: 59 Resp: 39210
Ion Ratio Lower Upper
59 100
57 7.3 6.5 9.7





#25
Methyl tert-Butyl Ether
Concen: 9.774 ug/l
RT: 3.372 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

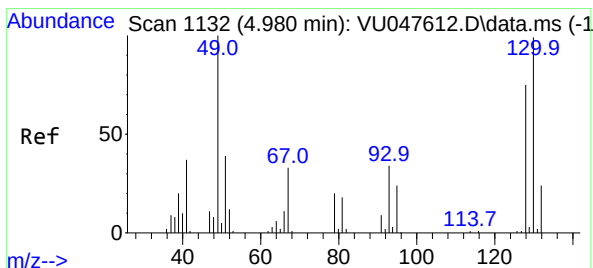
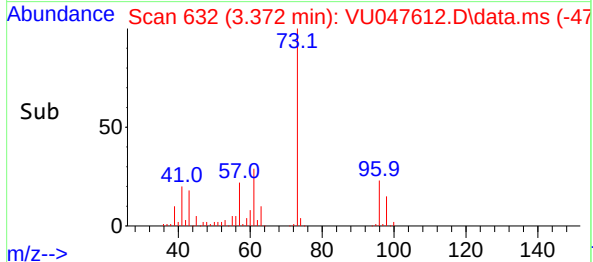
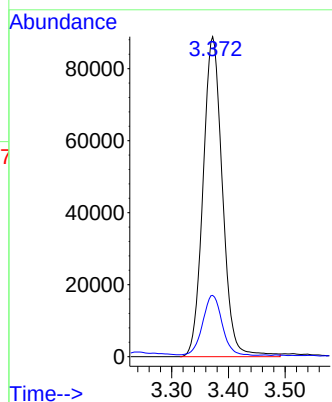
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 73 Resp: 21144
Ion Ratio Lower Upper
73 100
43 18.7 16.3 24.5

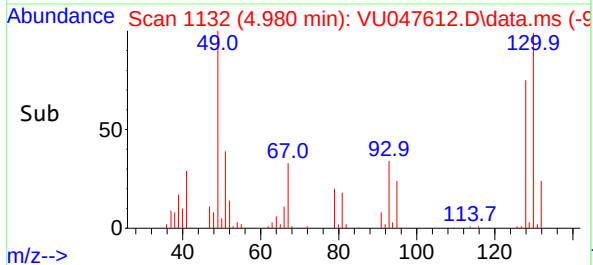
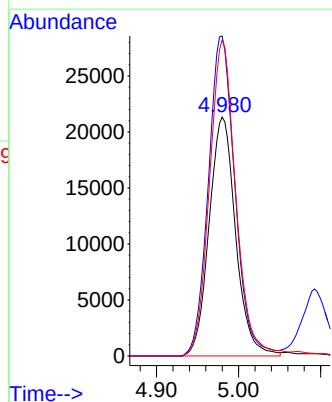
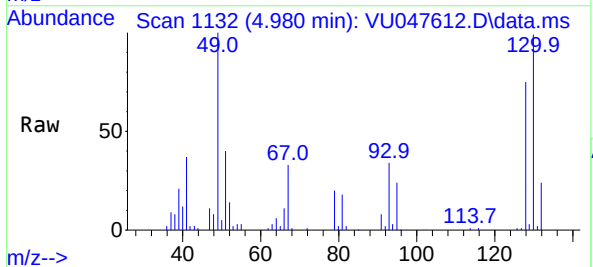
Manual Integrations
APPROVED

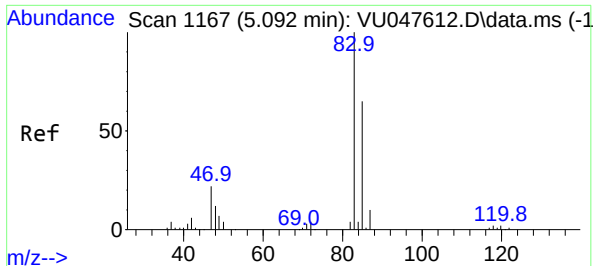
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#26
Bromochloromethane
Concen: 11.357 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

Tgt Ion:128 Resp: 47822
Ion Ratio Lower Upper
128 100
49 134.4 0.0 347.4
130 131.1 101.5 152.3





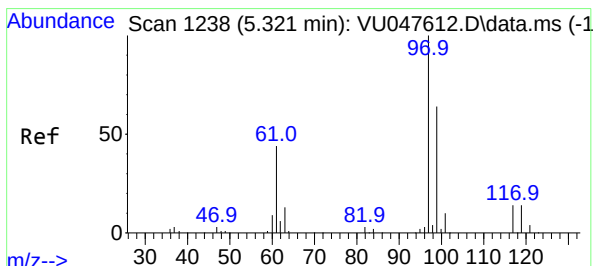
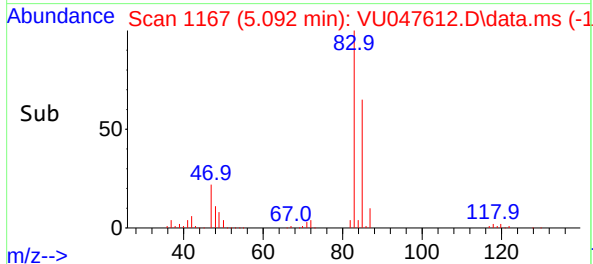
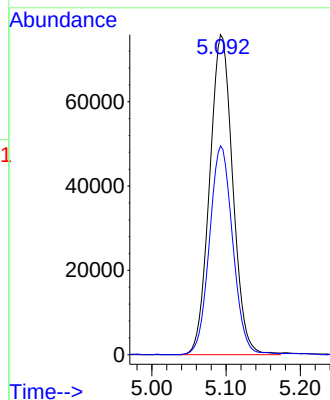
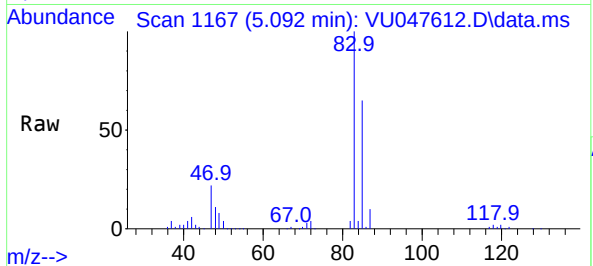
#27
Chloroform
Concen: 10.852 ug/l
RT: 5.092 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 83 Resp: 16426
Ion Ratio Lower Upper
83 100
85 65.2 0.0 129.2

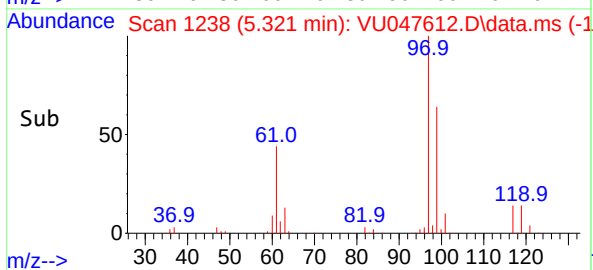
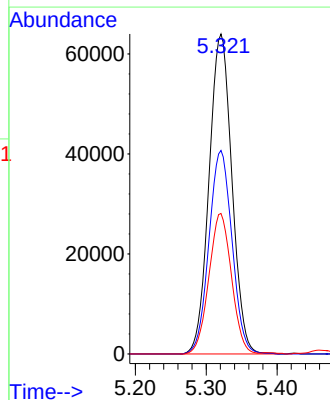
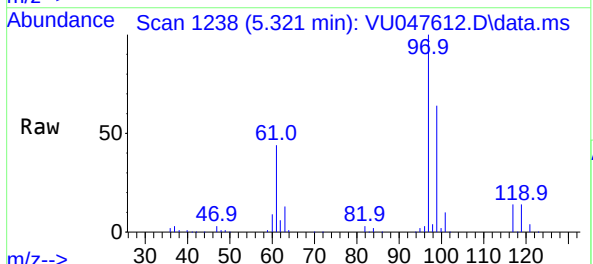
Manual Integrations
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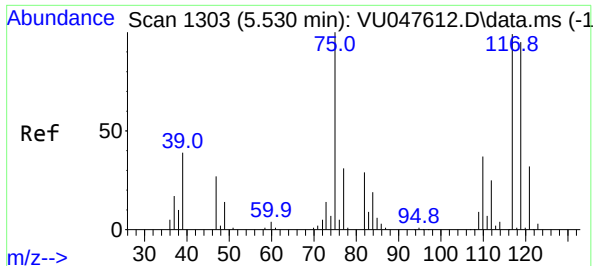
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#28
1,1,1-Trichloroethane
Concen: 10.929 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

Tgt Ion: 97 Resp: 143211
Ion Ratio Lower Upper
97 100
99 64.4 32.2 96.6
61 43.4 24.5 73.5





#29

1,1-Dichloropropene

Concen: 10.237 ug/l

RT: 5.530 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VU047612.D

Acq: 18 Mar 2022 11:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 75 Resp: 122800

Ion Ratio Lower Upper

75 100

110 37.3 16.8 50.3

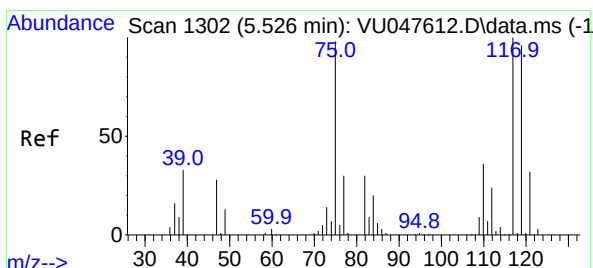
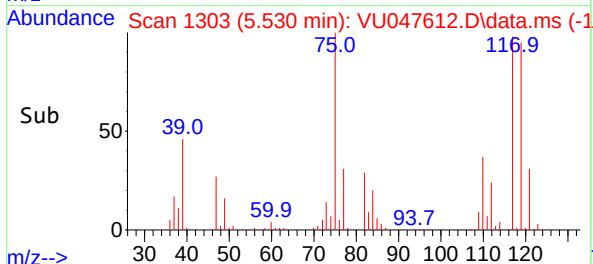
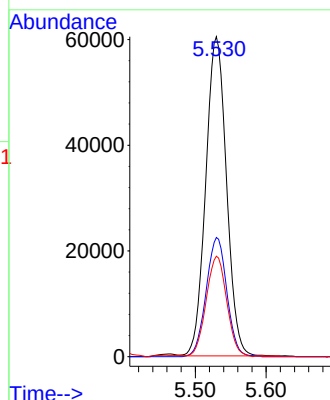
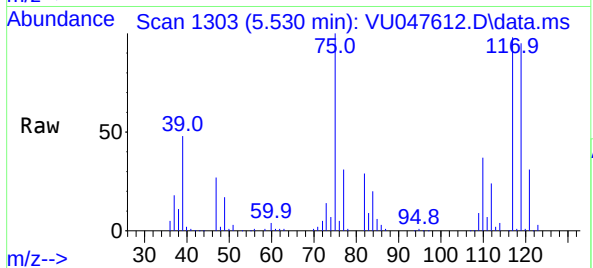
77 31.4 24.7 37.1

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Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#30

Carbon Tetrachloride

Concen: 11.390 ug/l

RT: 5.526 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VU047612.D

Acq: 18 Mar 2022 11:51

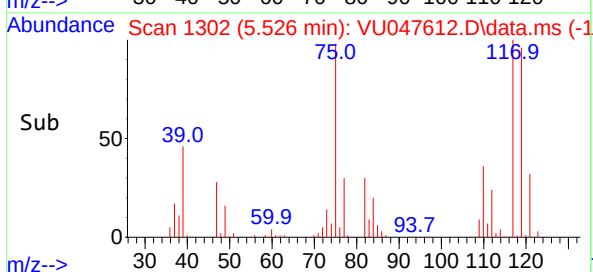
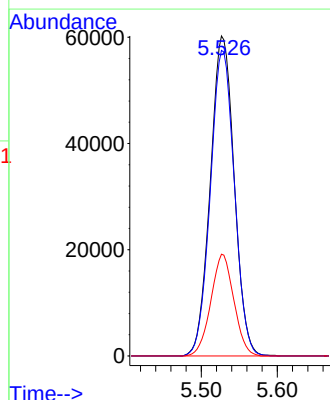
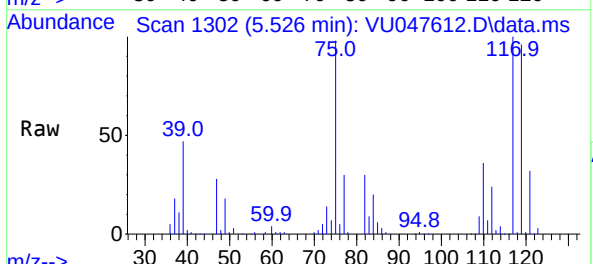
Tgt Ion:117 Resp: 131226

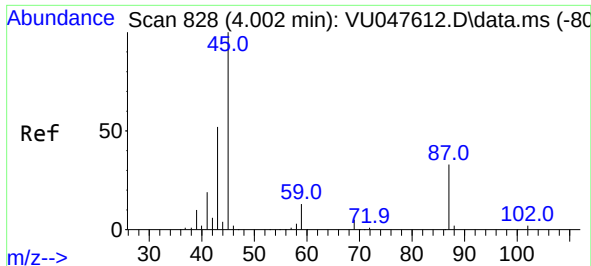
Ion Ratio Lower Upper

117 100

119 95.5 76.8 115.2

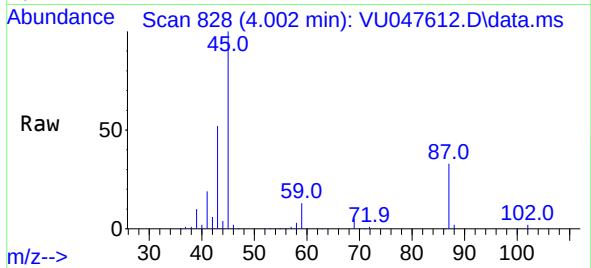
121 31.8 24.6 37.0





#31
Isopropyl Ether
Concen: 8.860 ug/l
RT: 4.002 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

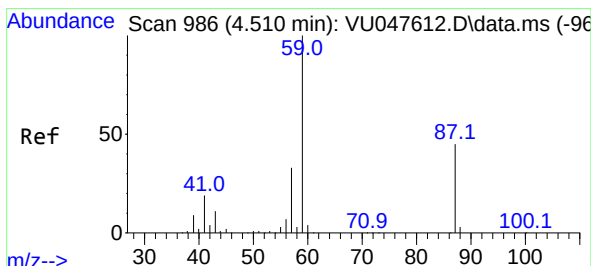
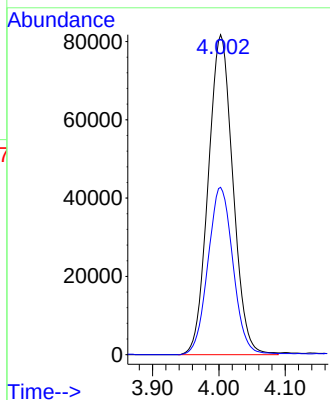
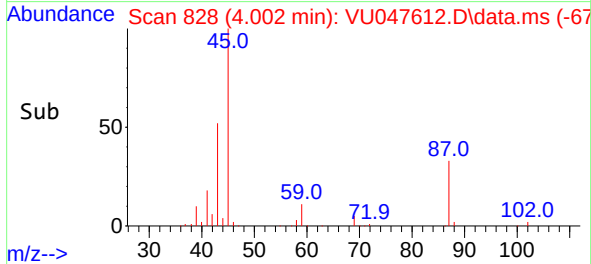
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



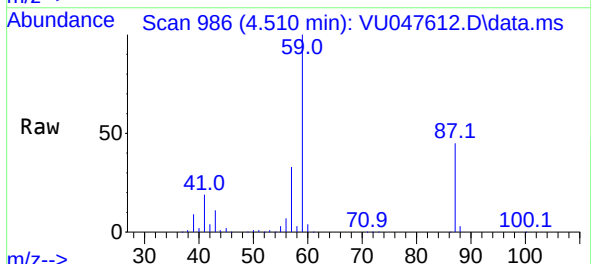
Tgt Ion: 45 Resp: 21138
Ion Ratio Lower Upper
45 100
43 53.4 25.3 75.8

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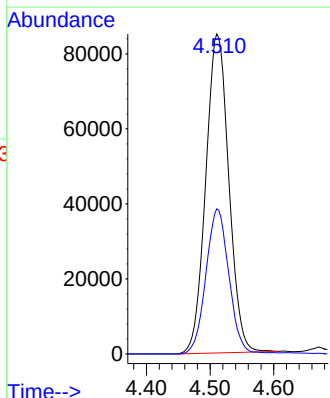
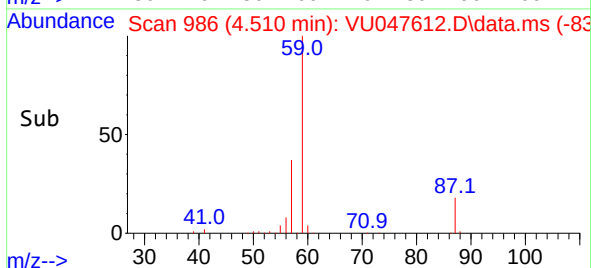
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

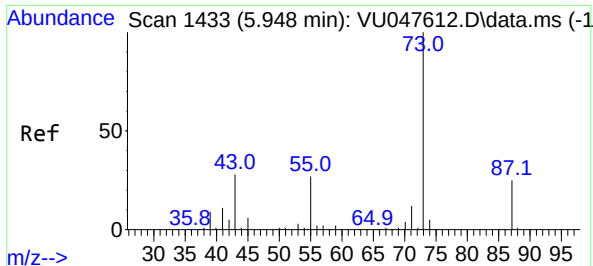


#32
Ethyl-t-butyl ether
Concen: 8.829 ug/l
RT: 4.510 min Scan# 986
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51



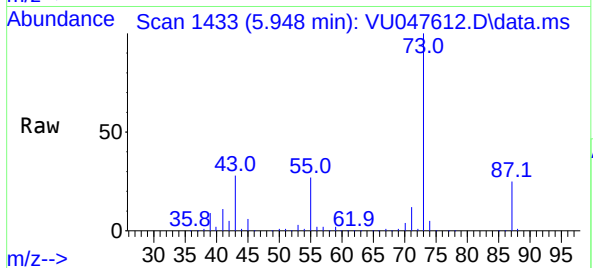
Tgt Ion: 59 Resp: 214130
Ion Ratio Lower Upper
59 100
87 44.6 32.7 49.1





#33
Tert-Amyl methyl ether
Concen: 9.320 ug/l
RT: 5.948 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

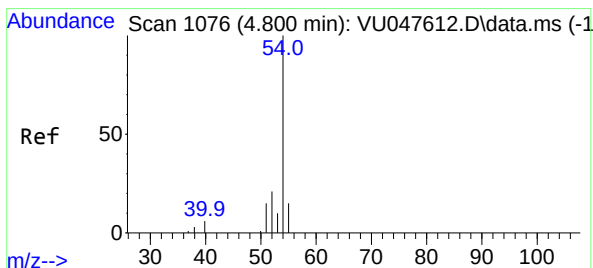
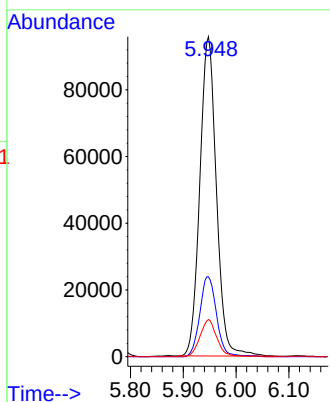
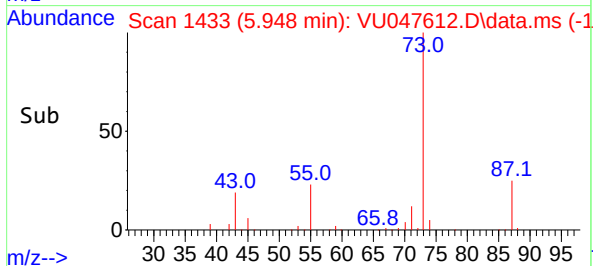
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 73 Resp: 20820
Ion Ratio Lower Upper
73 100
87 25.3 18.6 28.0
71 11.5 9.0 13.6

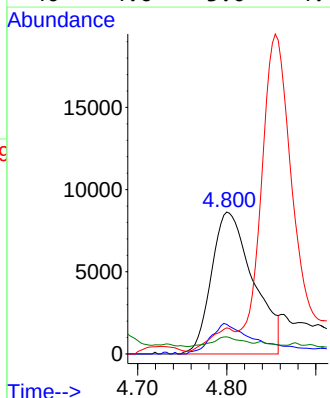
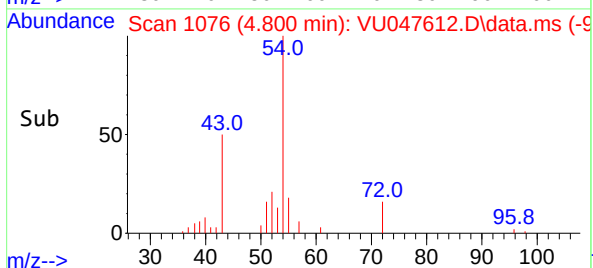
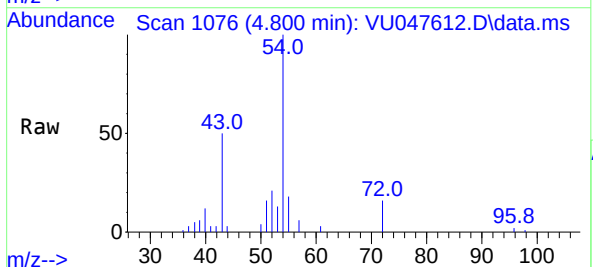
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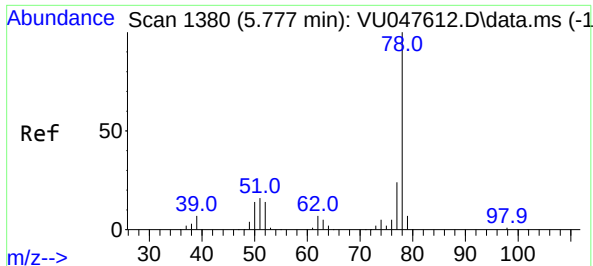
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#34
Propionitrile
Concen: 44.633 ug/l
RT: 4.800 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

Tgt Ion: 54 Resp: 28197
Ion Ratio Lower Upper
54 100
52 24.1 11.9 17.9#
55 9.3 8.0 12.0
40 4.6 3.0 4.4#





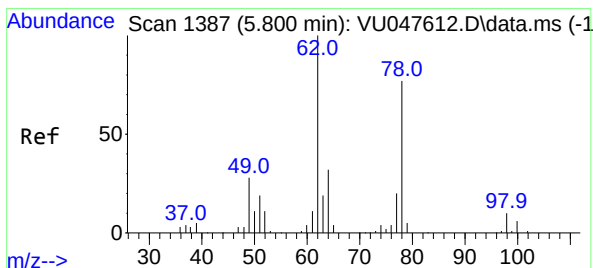
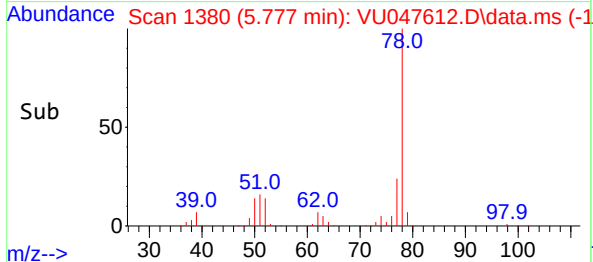
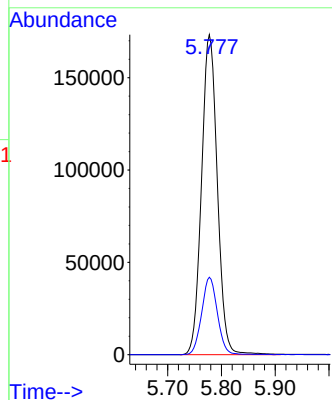
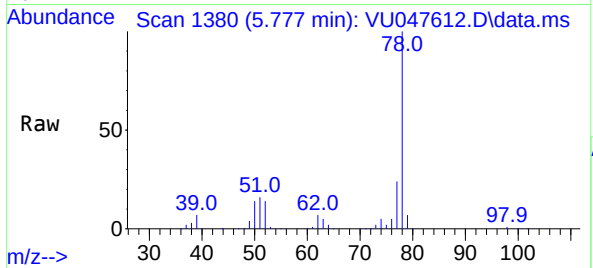
#35
Benzene
Concen: 10.523 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 78 Resp: 353734
Ion Ratio Lower Upper
78 100
77 24.2 19.1 28.7

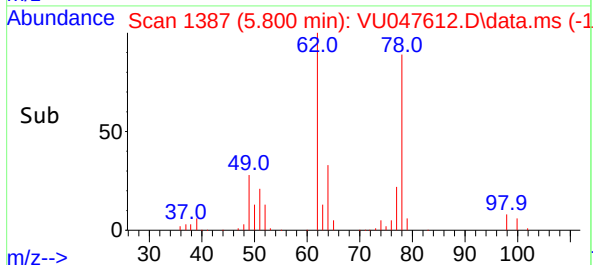
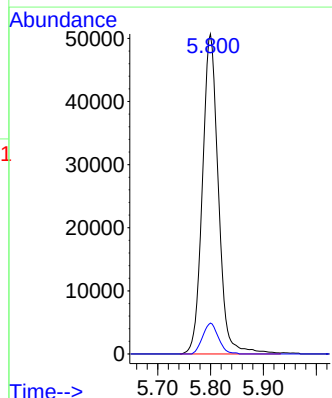
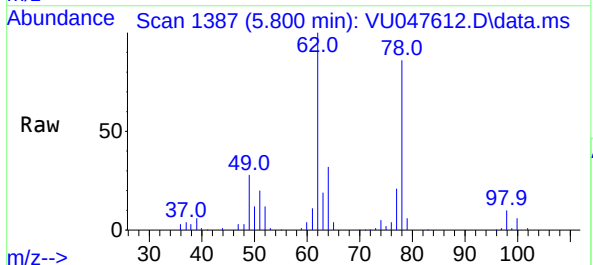
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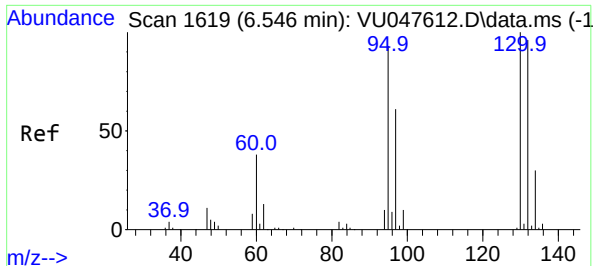
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#36
1,2-Dichloroethane
Concen: 10.447 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

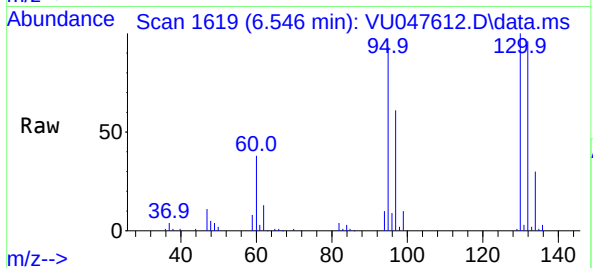
Tgt Ion: 62 Resp: 106329
Ion Ratio Lower Upper
62 100
98 9.5 7.3 10.9





#37
Trichloroethene
Concen: 11.056 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

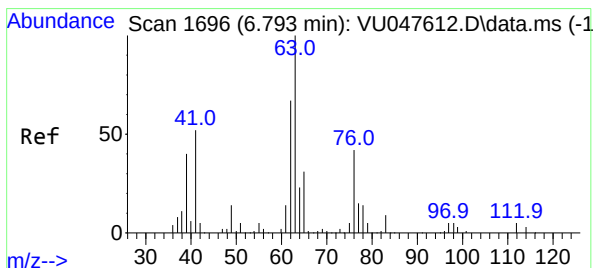
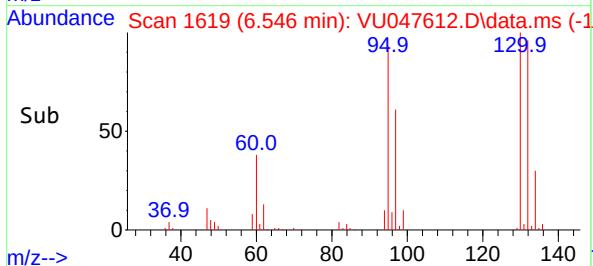
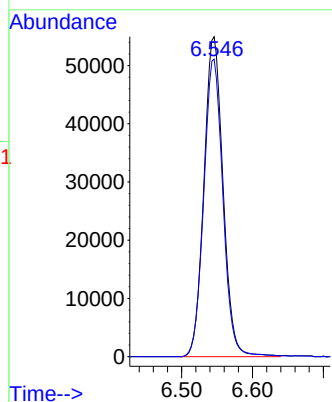
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion:130 Resp: 10290
Ion Ratio Lower Upper
130 100
95 93.0 83.8 125.8

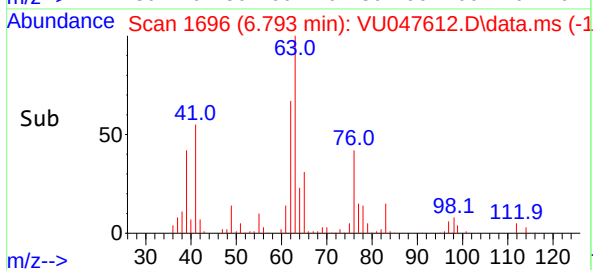
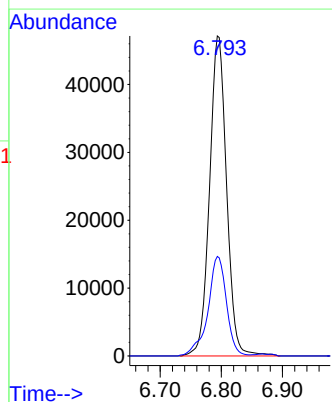
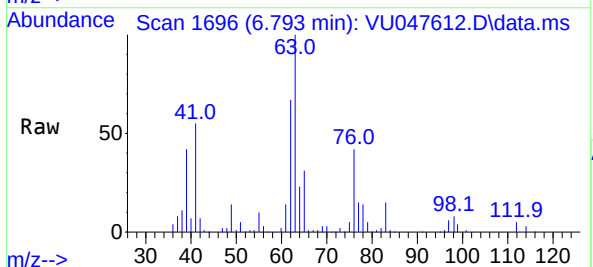
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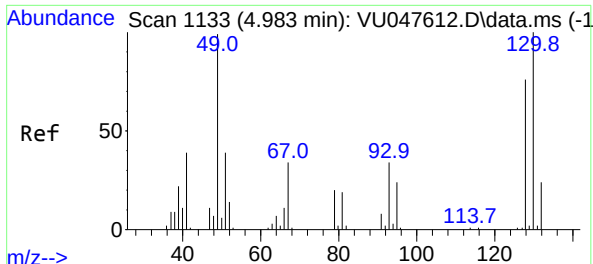
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#38
1,2-Dichloropropane
Concen: 10.276 ug/l
RT: 6.793 min Scan# 1696
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

Tgt Ion: 63 Resp: 91412
Ion Ratio Lower Upper
63 100
65 31.1 24.7 37.1





#39

Methacrylonitrile

Concen: 8.565 ug/l

RT: 4.983 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VU047612.D

Acq: 18 Mar 2022 11:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 41 Resp: 2626

Ion Ratio Lower Upper

41 100

67 92.8 65.2 97.8

39 53.7 43.0 64.6

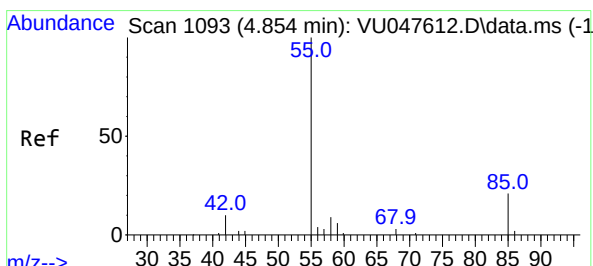
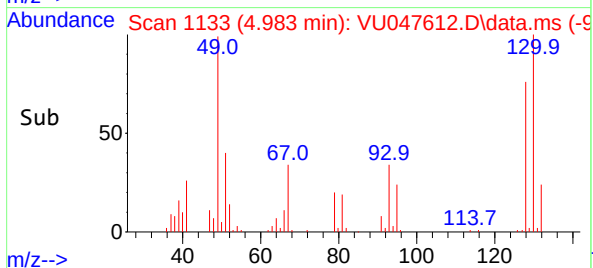
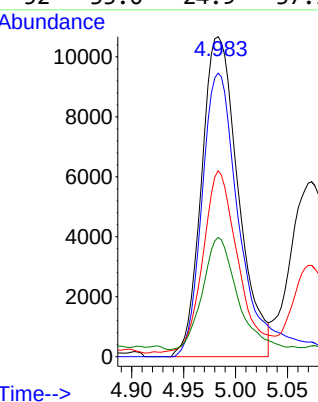
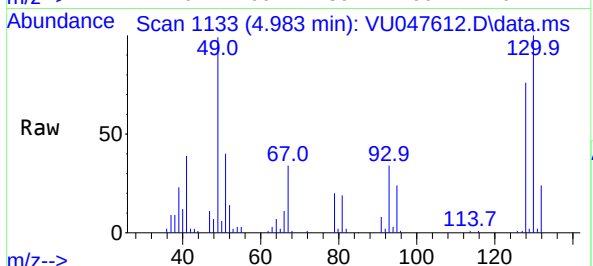
52 33.0 24.9 37.3

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Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#40

Methyl acrylate

Concen: 8.946 ug/l

RT: 4.854 min Scan# 1093

Delta R.T. 0.000 min

Lab File: VU047612.D

Acq: 18 Mar 2022 11:51

Tgt Ion: 55 Resp: 46366

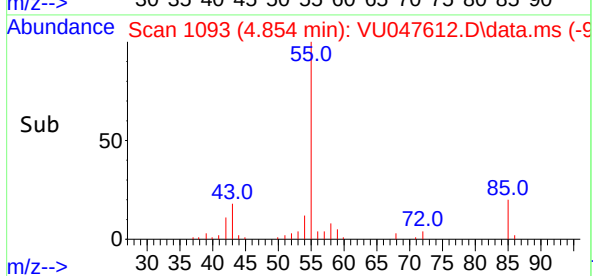
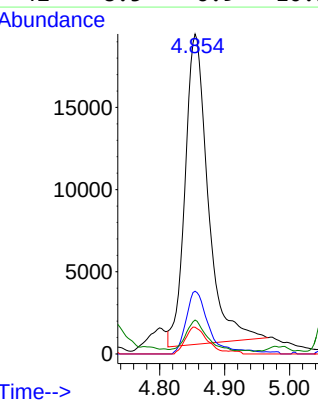
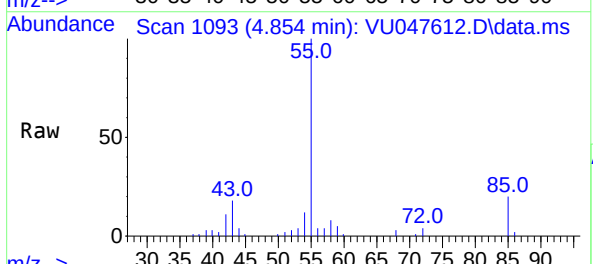
Ion Ratio Lower Upper

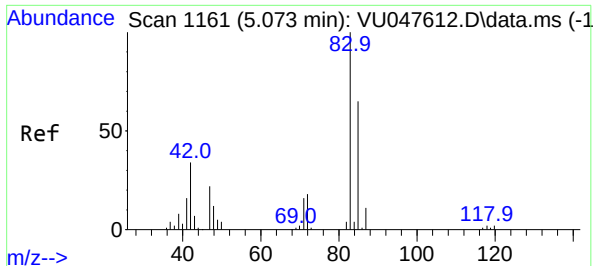
55 100

85 20.6 12.2 18.2#

58 8.3 6.7 10.1

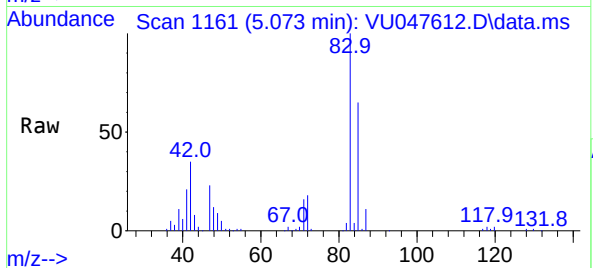
42 8.5 6.9 10.3





#41
Tetrahydrofuran
Concen: 16.894 ug/l
RT: 5.073 min Scan# 1161
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

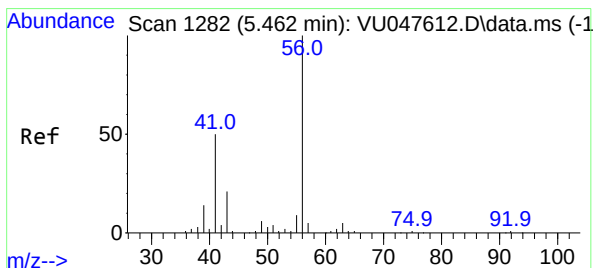
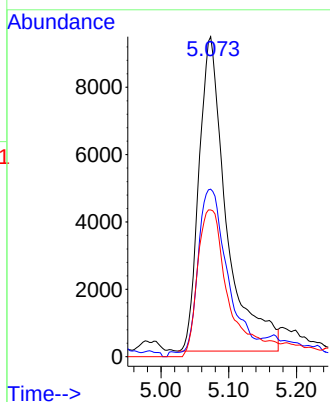
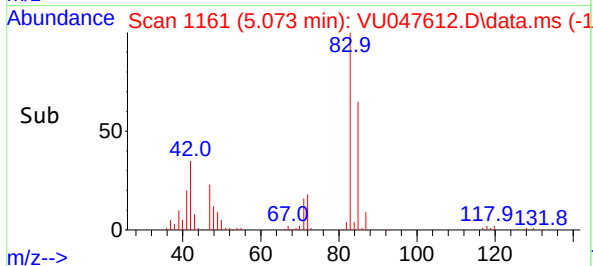
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



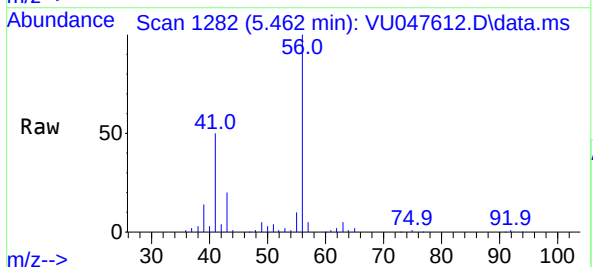
Tgt Ion: 42 Resp: 26380
Ion Ratio Lower Upper
42 100
72 53.8 42.4 63.6
71 50.9 36.4 54.6

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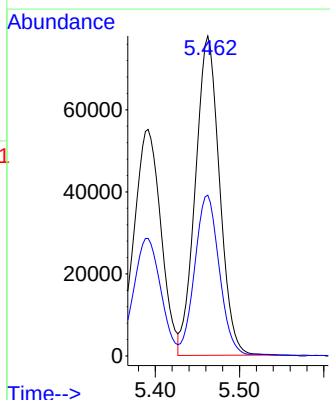
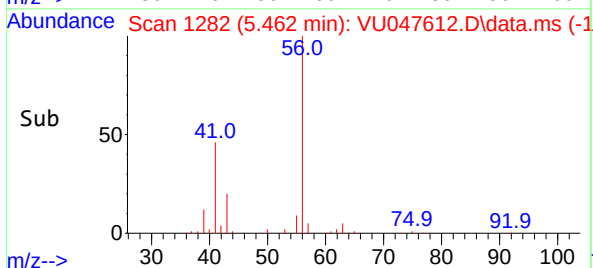
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

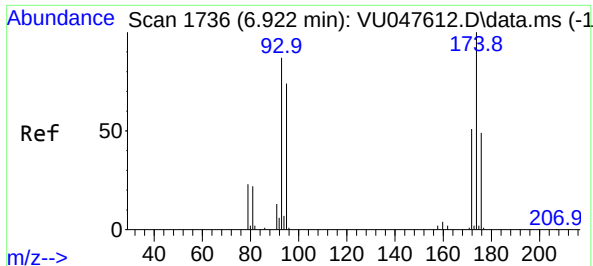


#42
1-Chlorobutane
Concen: 9.630 ug/l
RT: 5.462 min Scan# 1282
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51



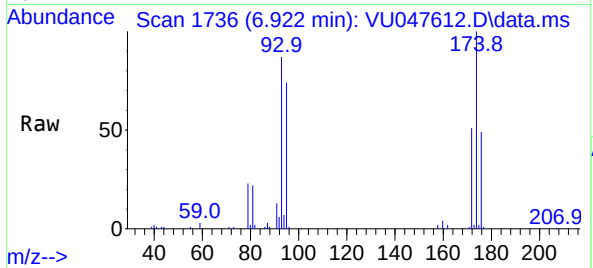
Tgt Ion: 56 Resp: 155104
Ion Ratio Lower Upper
56 100
41 50.3 26.0 78.0





#43
Dibromomethane
Concen: 11.146 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

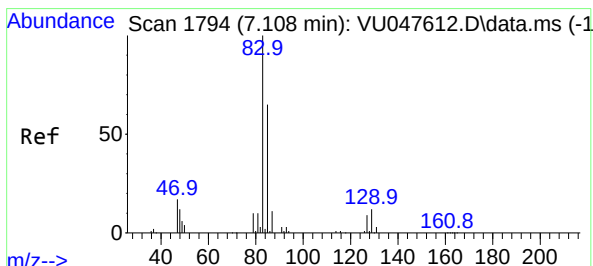
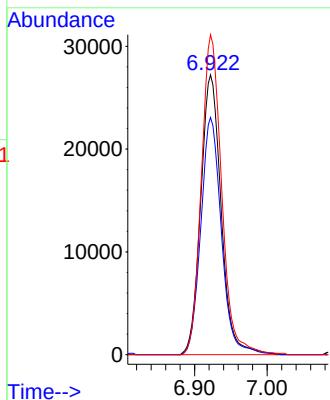
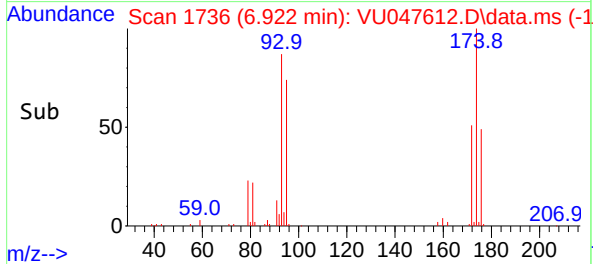
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



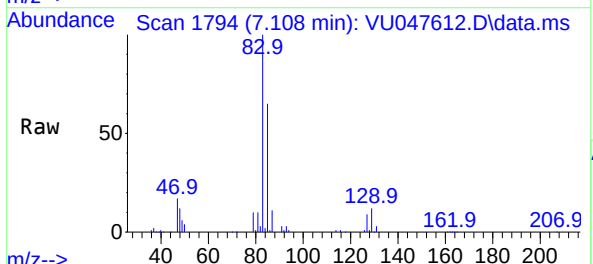
Tgt Ion: 93 Resp: 5347
Ion Ratio Lower Upper
93 100
95 85.1 66.2 99.2
174 113.4 70.7 106.1

Manual Integrations
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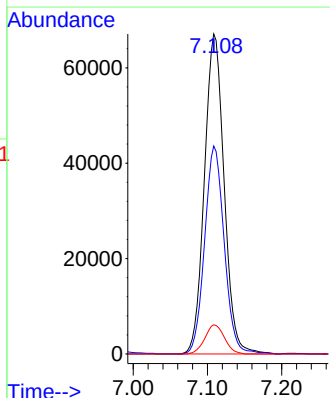
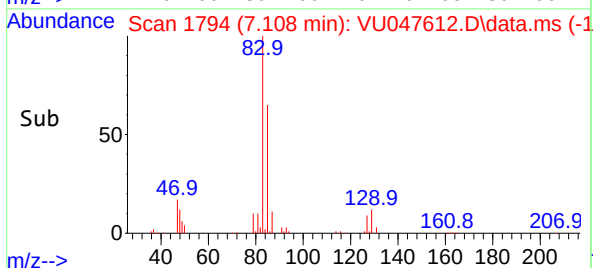
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

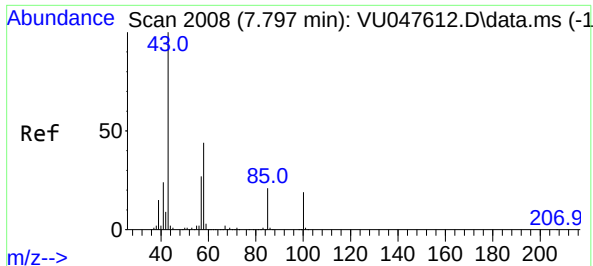


#44
Bromodichloromethane
Concen: 10.902 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51



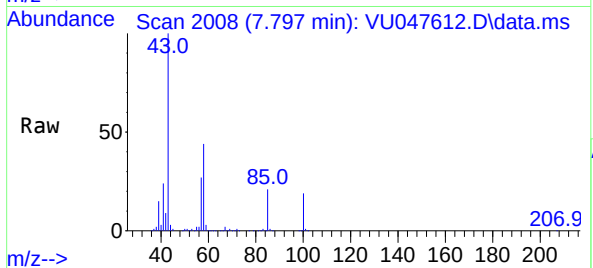
Tgt Ion: 83 Resp: 123705
Ion Ratio Lower Upper
83 100
85 65.0 50.9 76.3
127 9.1 6.0 9.0





#45
4-Methyl-2-Pentanone
Concen: 44.207 ug/l
RT: 7.797 min Scan# 2008
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

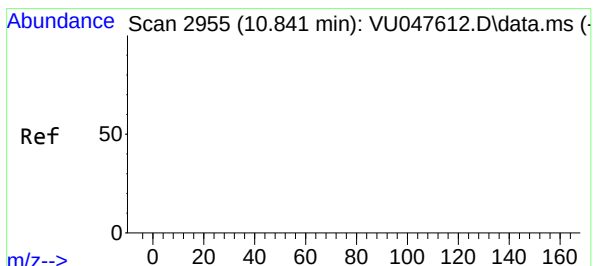
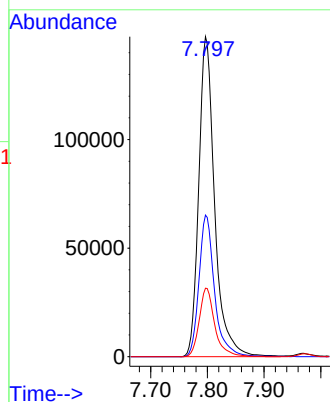
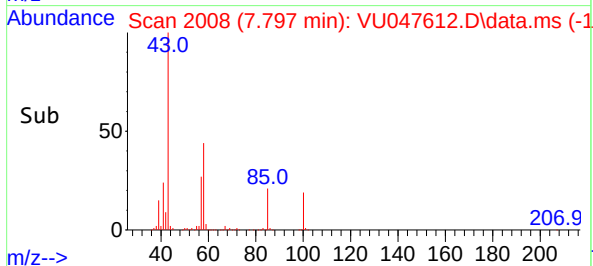
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 43 Resp: 28684
Ion Ratio Lower Upper
43 100
58 43.3 21.0 63.0
85 21.0 14.8 22.2

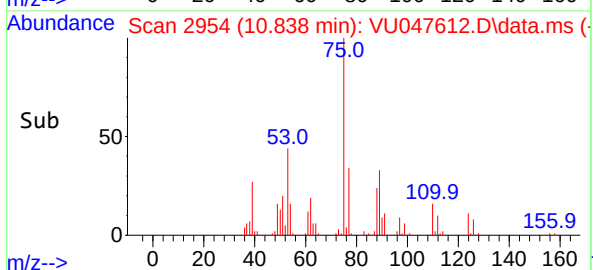
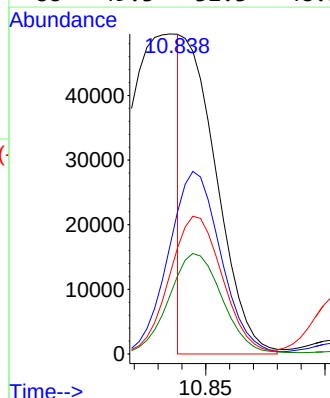
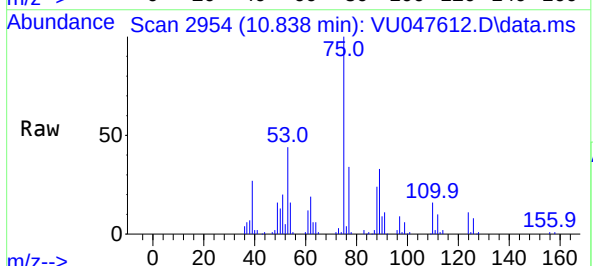
Manual Integrations
APPROVED

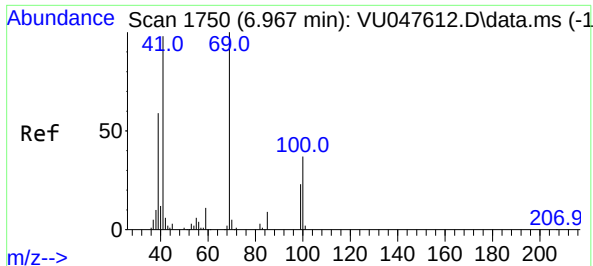
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#46
t-1,4-Dichloro-2-butene
Concen: 17.540 ug/l m
RT: 10.838 min Scan# 2954
Delta R.T. -0.003 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

Tgt Ion: 75 Resp: 49544
Ion Ratio Lower Upper
75 100
53 87.5 66.8 100.2
89 67.0 41.7 62.5#
88 49.3 32.3 48.5#





#47

Methyl methacrylate

Concen: 19.463 ug/l

RT: 6.967 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VU047612.D

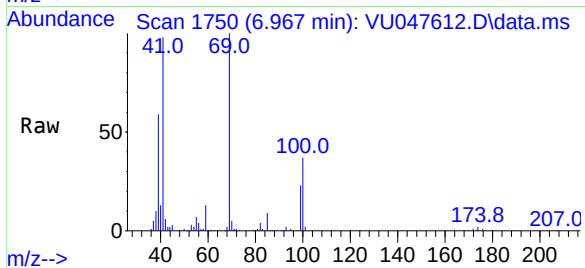
Acq: 18 Mar 2022 11:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010



Tgt Ion: 69 Resp: 9792

Ion Ratio Lower Upper

69 100

41 97.8 0.0 230.0

39 59.7 55.1 82.7

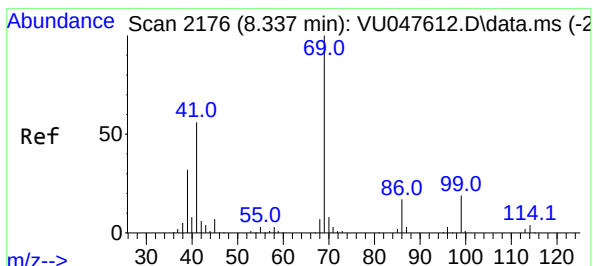
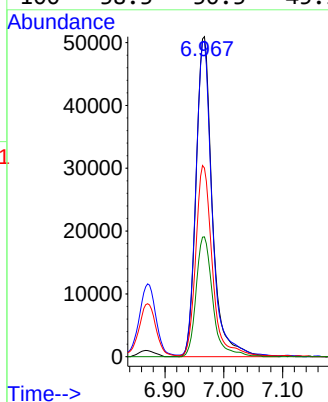
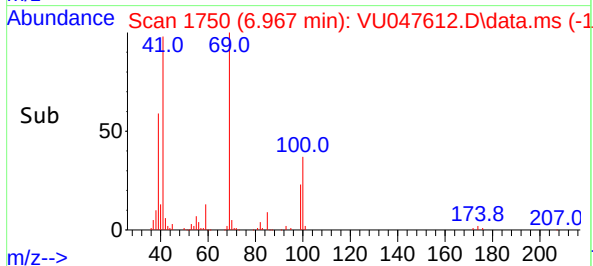
100 38.3 30.3 45.5

Manual Integrations

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Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#48

Ethyl methacrylate

Concen: 8.898 ug/l

RT: 8.337 min Scan# 2176

Delta R.T. 0.000 min

Lab File: VU047612.D

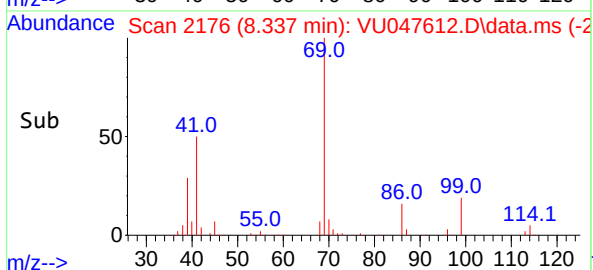
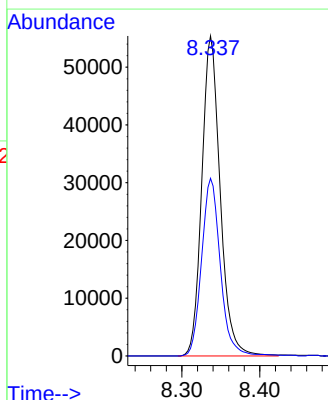
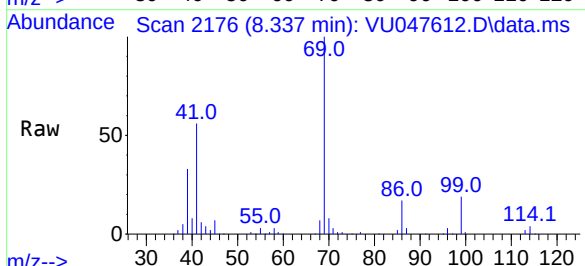
Acq: 18 Mar 2022 11:51

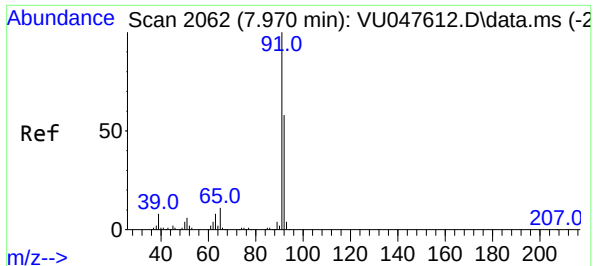
Tgt Ion: 69 Resp: 90753

Ion Ratio Lower Upper

69 100

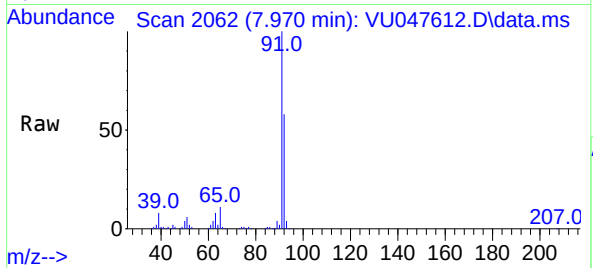
41 56.6 32.6 98.0





#49
Toluene
Concen: 10.544 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

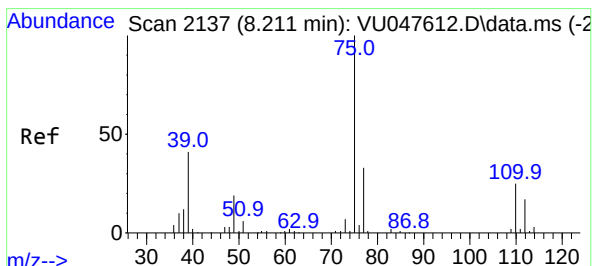
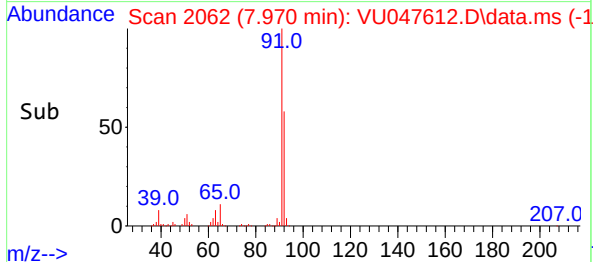
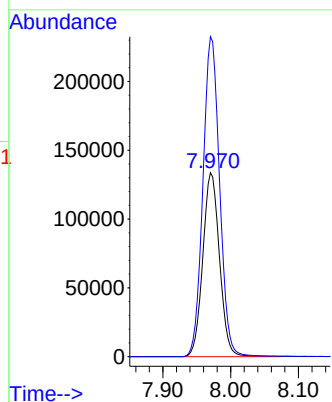
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 92 Resp: 22863
Ion Ratio Lower Upper
92 100
91 174.5 136.8 205.2

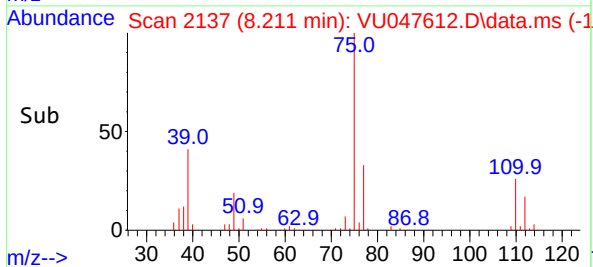
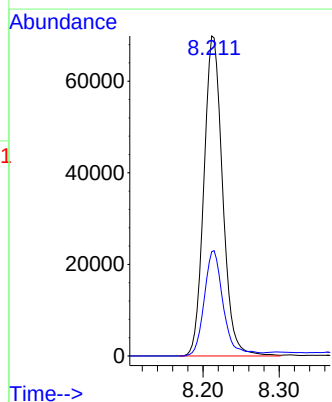
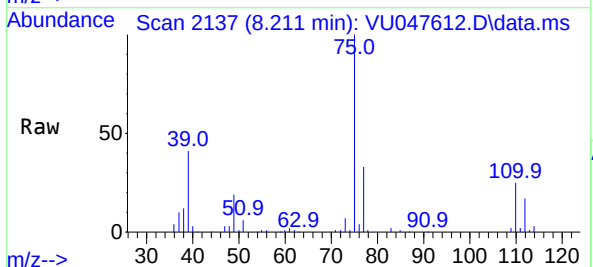
Manual Integrations
APPROVED

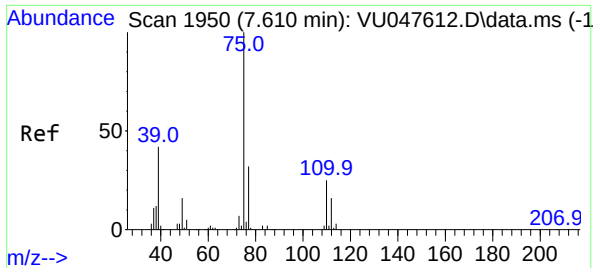
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#50
t-1,3-Dichloropropene
Concen: 9.727 ug/l
RT: 8.211 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

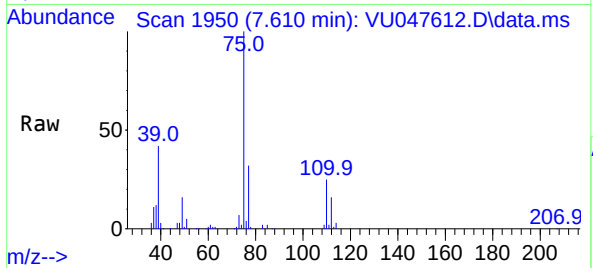
Tgt Ion: 75 Resp: 119459
Ion Ratio Lower Upper
75 100
77 32.6 25.6 38.4





#51
 cis-1,3-Dichloropropene
 Concen: 9.653 ug/l
 RT: 7.610 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VU047612.D
 Acq: 18 Mar 2022 11:51

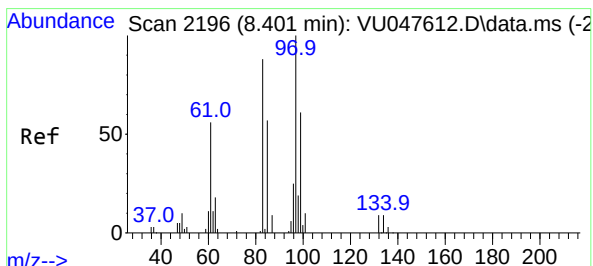
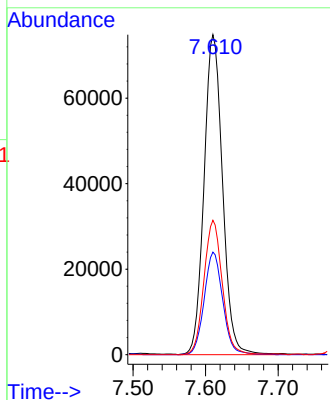
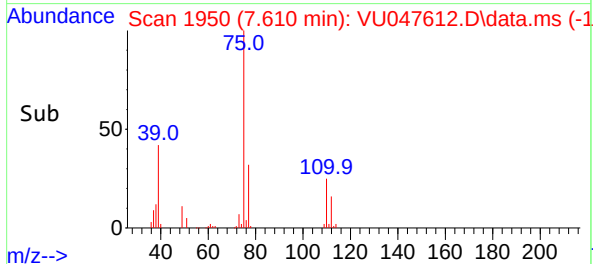
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010



Tgt Ion: 75 Resp: 132900
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.2 37.8
 39 42.0 38.6 57.8

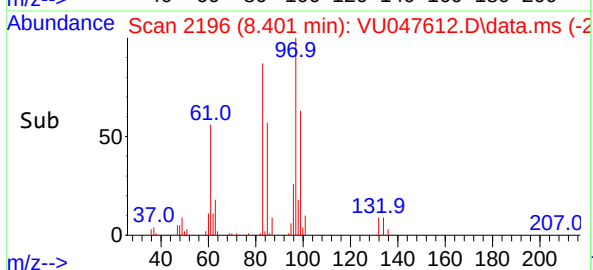
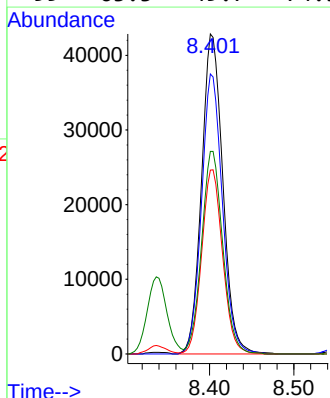
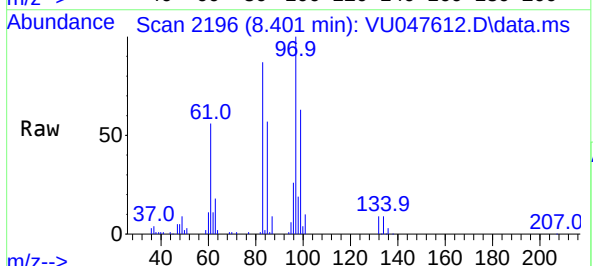
Manual Integrations
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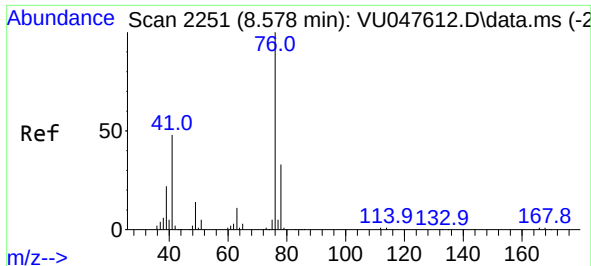
Reviewed By :John Carlone 03/31/2022
 Supervised By :Mahesh Dadoda 03/31/2022



#52
 1,1,2-Trichloroethane
 Concen: 10.991 ug/l
 RT: 8.401 min Scan# 2196
 Delta R.T. 0.000 min
 Lab File: VU047612.D
 Acq: 18 Mar 2022 11:51

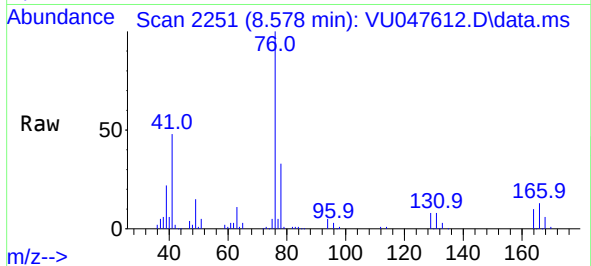
Tgt Ion: 97 Resp: 75235
 Ion Ratio Lower Upper
 97 100
 83 87.5 69.8 104.8
 85 57.4 44.2 66.4
 99 63.3 49.7 74.5





#53
1,3-Dichloropropane
Concen: 9.998 ug/l
RT: 8.578 min Scan# 2251
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

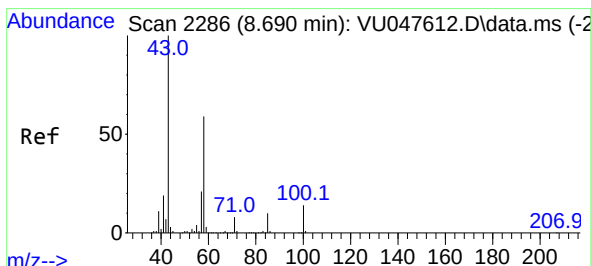
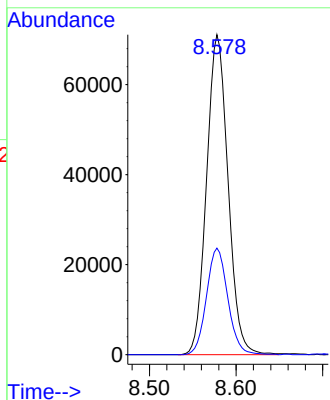
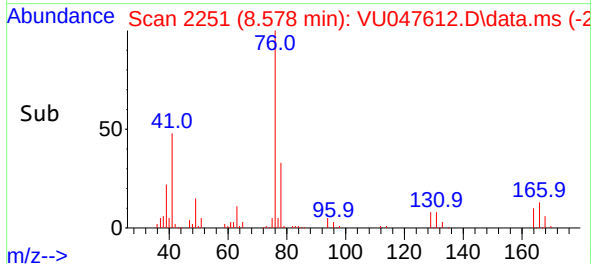
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



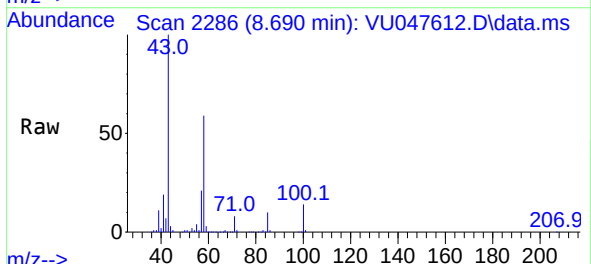
Tgt Ion: 76 Resp: 122278
Ion Ratio Lower Upper
76 100
78 33.1 25.4 38.2

Manual Integrations
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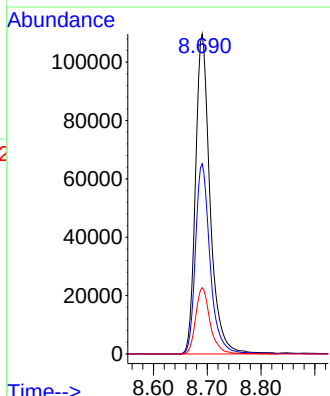
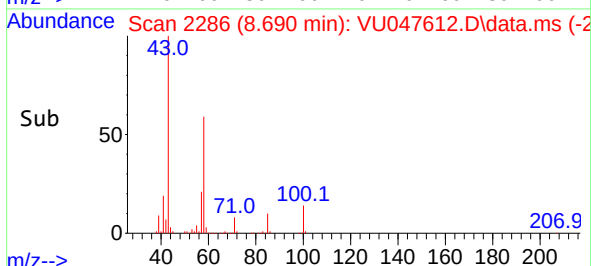
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

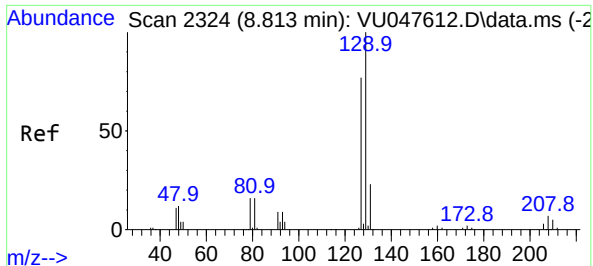


#54
2-Hexanone
Concen: 42.748 ug/l
RT: 8.690 min Scan# 2286
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51



Tgt Ion: 43 Resp: 206646
Ion Ratio Lower Upper
43 100
58 59.5 37.7 77.7
57 20.5 0.5 40.5





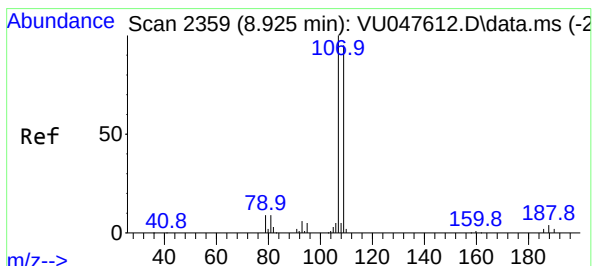
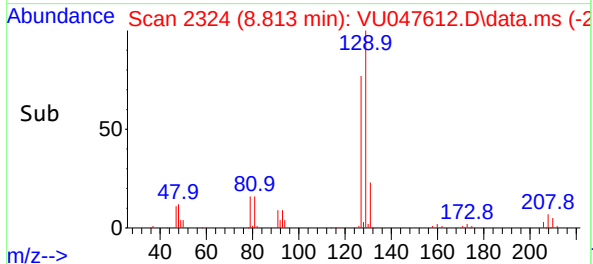
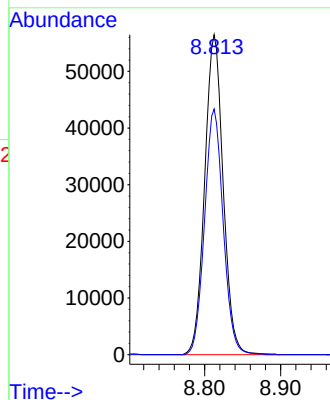
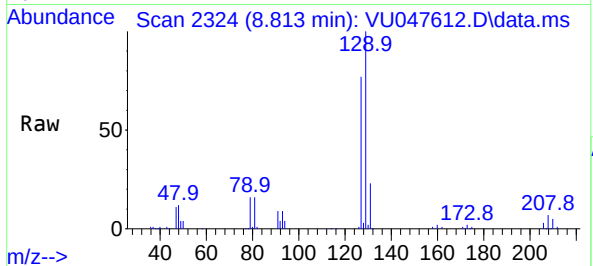
#55
Dibromochloromethane
Concen: 11.458 ug/l
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:129 Resp: 9535
Ion Ratio Lower Upper
129 100
127 77.3 62.2 93.4

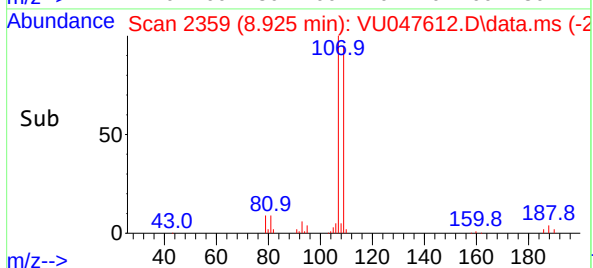
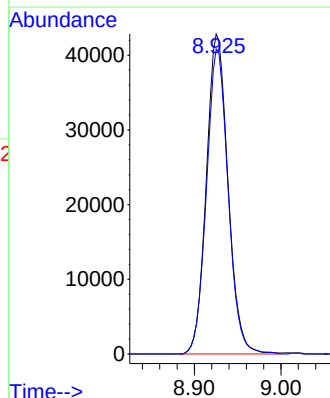
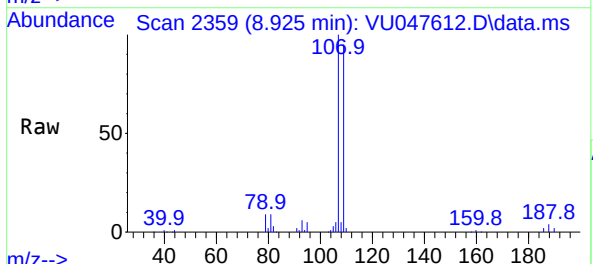
Manual Integrations
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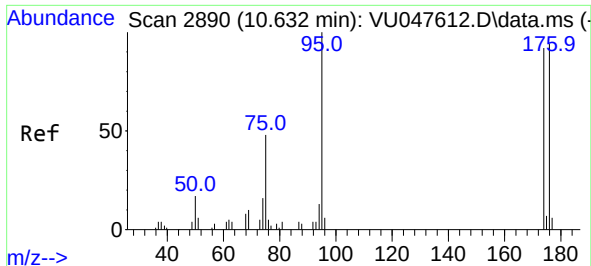
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#56
1,2-Dibromoethane
Concen: 10.756 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

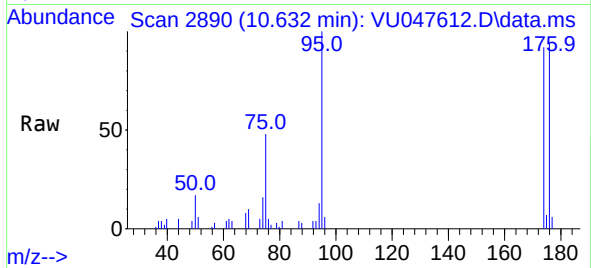
Tgt Ion:107 Resp: 74407
Ion Ratio Lower Upper
107 100
109 95.2 0.0 185.0





#57
4-Bromofluorobenzene
Concen: 0.942 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

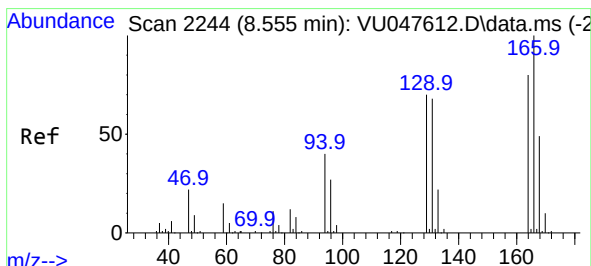
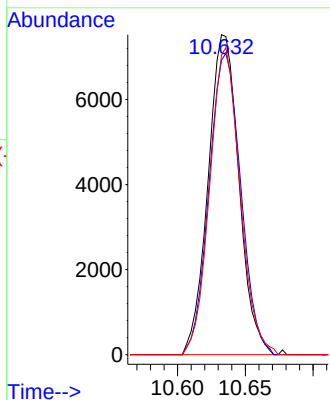
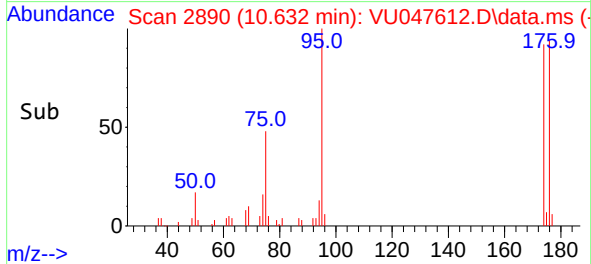
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 95 Resp: 11914
Ion Ratio Lower Upper
95 100
174 96.6 56.6 84.8
176 94.0 54.3 81.5

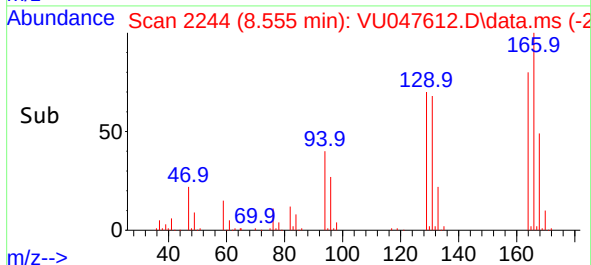
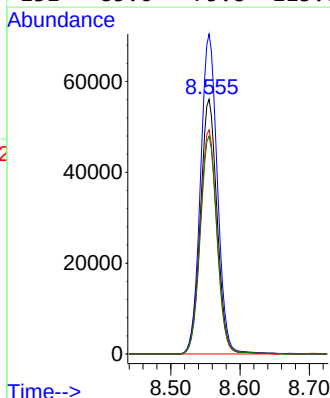
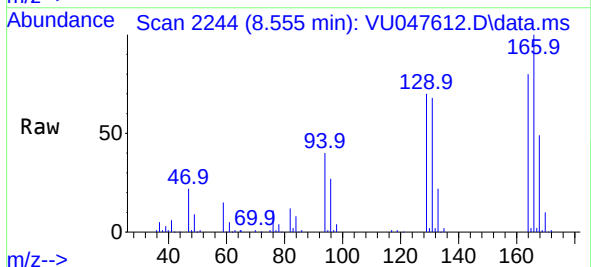
Manual Integrations
APPROVED

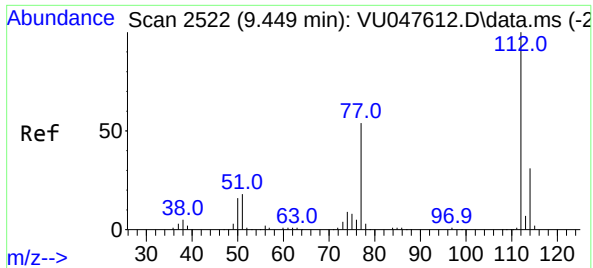
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#58
Tetrachloroethene
Concen: 10.960 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

Tgt Ion:164 Resp: 94125
Ion Ratio Lower Upper
164 100
166 125.6 102.0 153.0
129 88.0 77.1 115.7
131 85.6 75.8 113.6





#59

Chlorobenzene

Concen: 10.730 ug/l

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU047612.D

Acq: 18 Mar 2022 11:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion:112 Resp: 25943

Ion Ratio Lower Upper

112 100

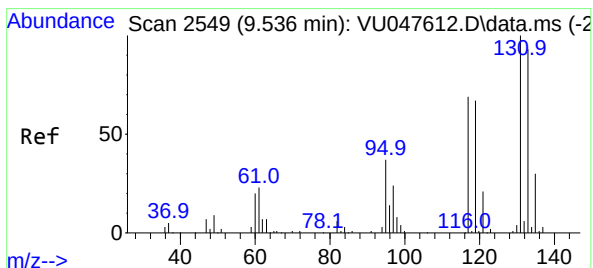
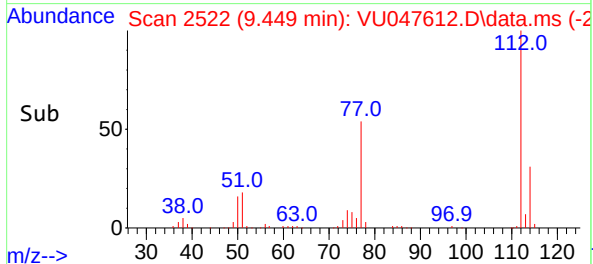
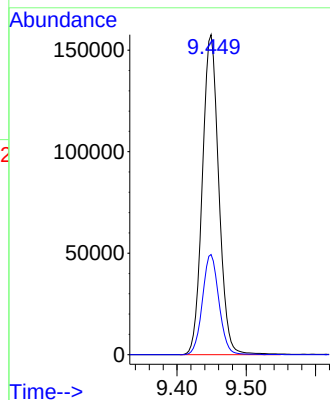
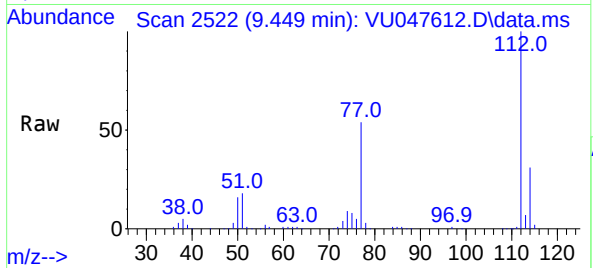
114 31.3 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 03/31/2022



#60

1,1,1,2-Tetrachloroethane

Concen: 11.784 ug/l

RT: 9.536 min Scan# 2549

Delta R.T. 0.000 min

Lab File: VU047612.D

Acq: 18 Mar 2022 11:51

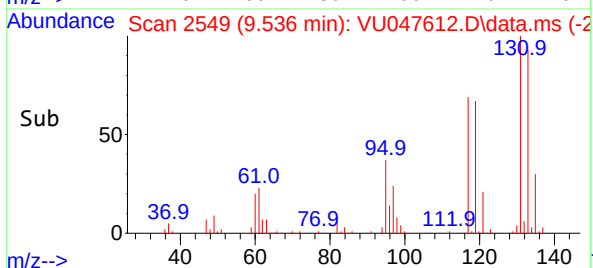
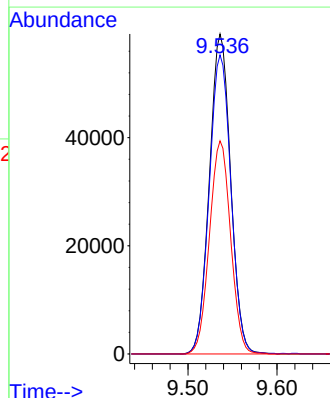
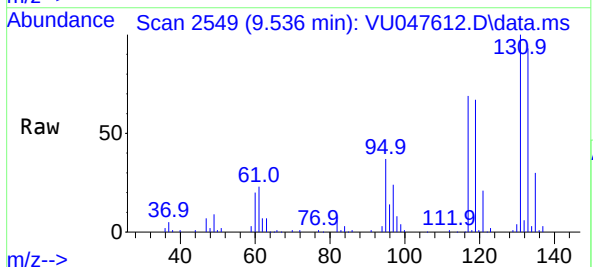
Tgt Ion:131 Resp: 97919

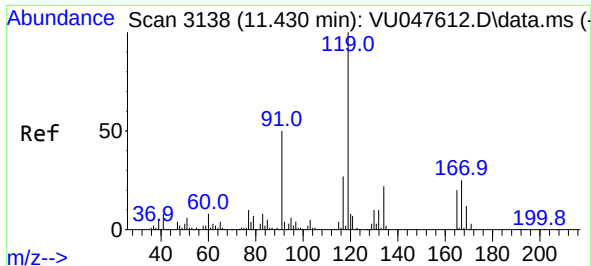
Ion Ratio Lower Upper

131 100

133 95.5 76.0 114.0

119 66.3 54.9 82.3





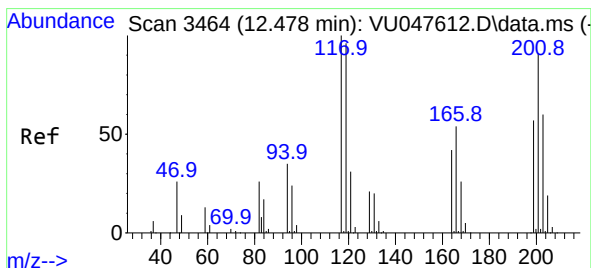
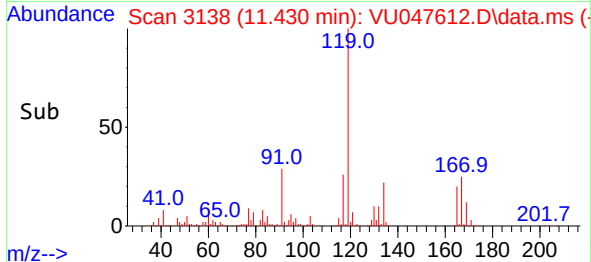
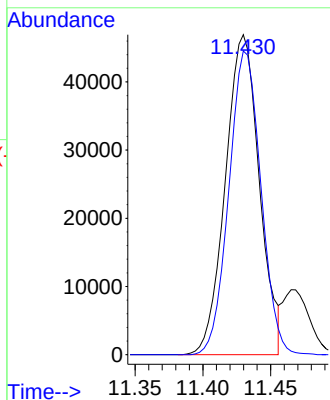
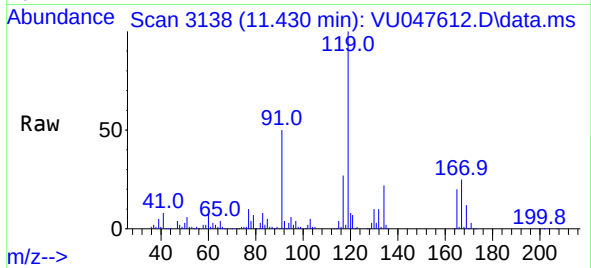
#61
Pentachloroethane
Concen: 12.949 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:117 Resp: 81684
Ion Ratio Lower Upper
117 100
167 89.5 59.7 89.5

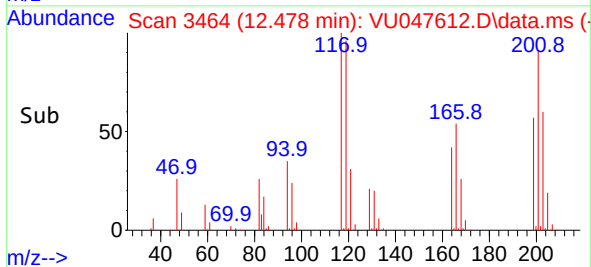
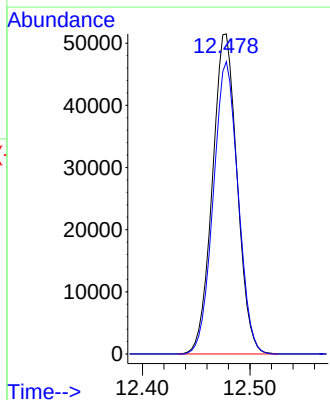
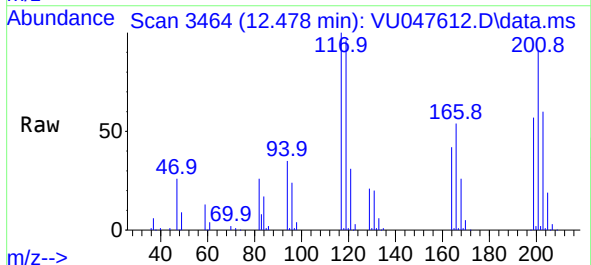
Manual Integrations
APPROVED

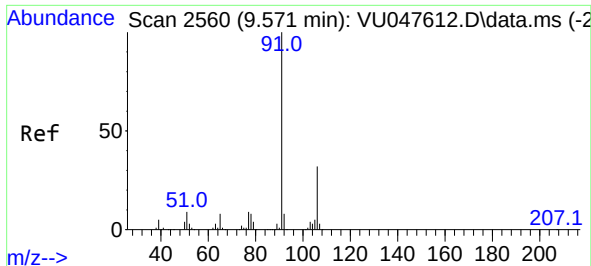
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#62
Hexachloroethane
Concen: 12.076 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

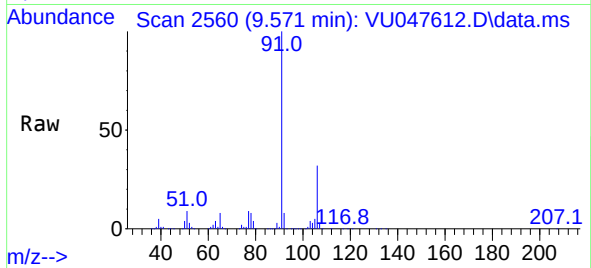
Tgt Ion:117 Resp: 82250
Ion Ratio Lower Upper
117 100
201 91.4 53.6 80.4#





#63
Ethyl Benzene
Concen: 10.145 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

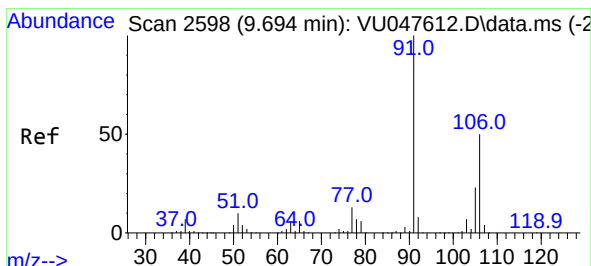
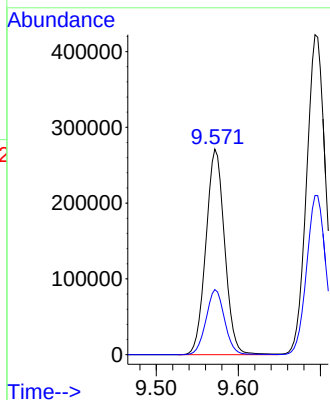
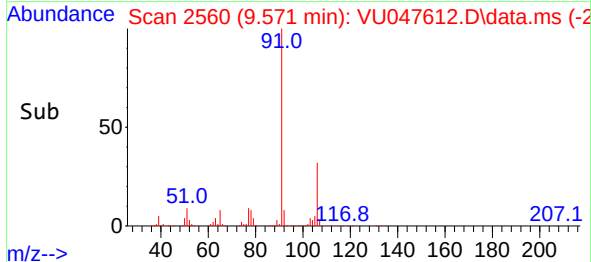
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



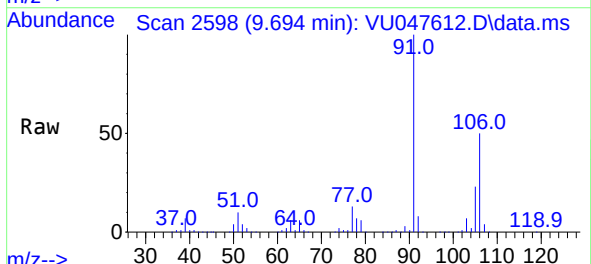
Tgt Ion: 91 Resp: 431180
Ion Ratio Lower Upper
91 100
106 31.7 24.4 36.6

Manual Integrations
APPROVED

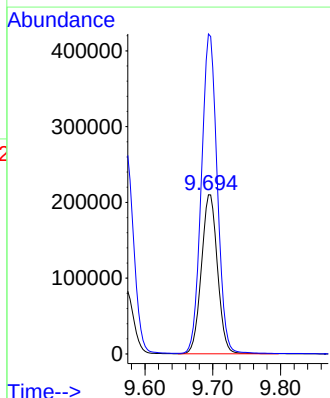
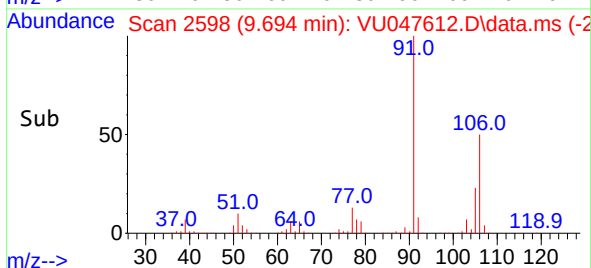
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

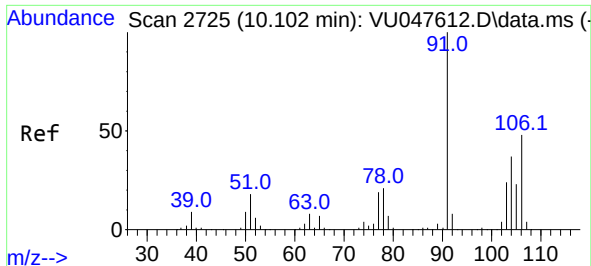


#64
m/p-Xylenes
Concen: 21.305 ug/l
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51



Tgt Ion:106 Resp: 345145
Ion Ratio Lower Upper
106 100
91 198.9 165.5 248.3





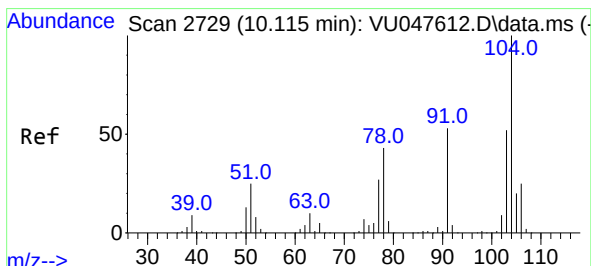
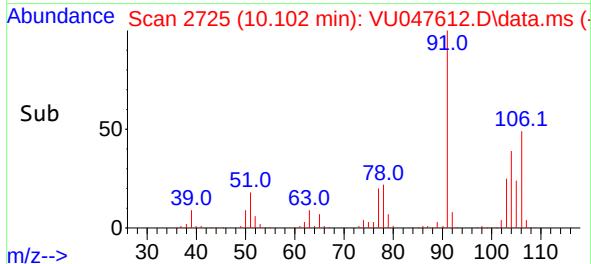
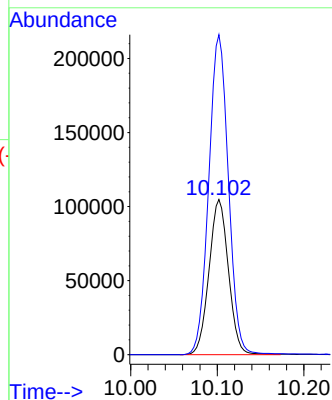
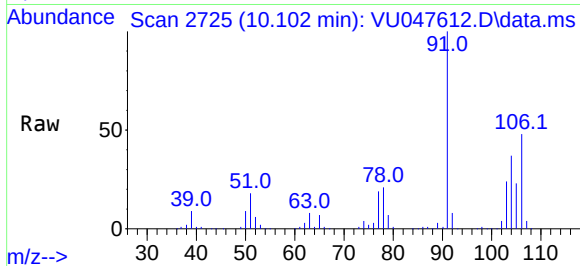
#65
o-Xylene
Concen: 10.418 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:106 Resp: 163499
Ion Ratio Lower Upper
106 100
91 208.2 109.4 328.2

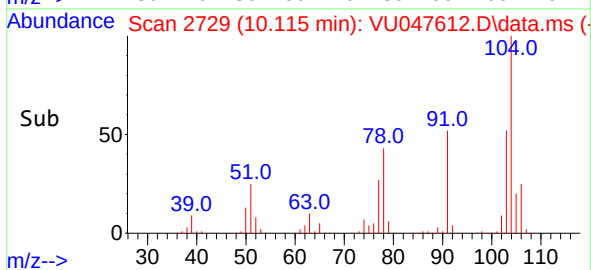
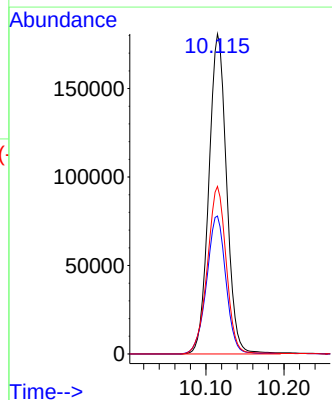
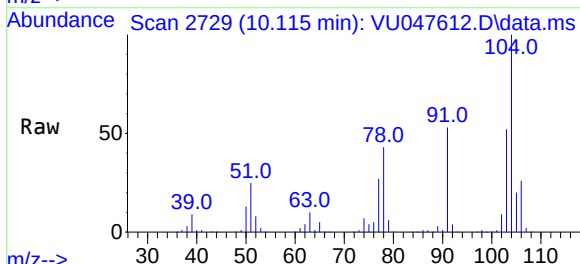
Manual Integrations
APPROVED

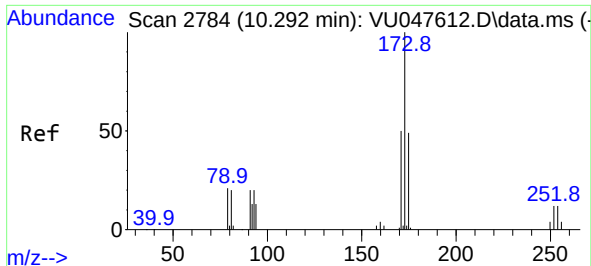
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#66
Styrene
Concen: 10.777 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

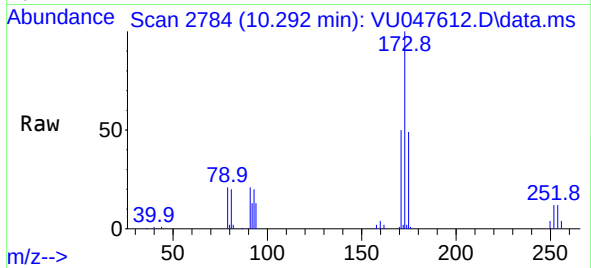
Tgt Ion:104 Resp: 287042
Ion Ratio Lower Upper
104 100
78 46.7 42.4 63.6
103 55.6 44.2 66.4





#67
Bromoform
Concen: 12.165 ug/l
RT: 10.292 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

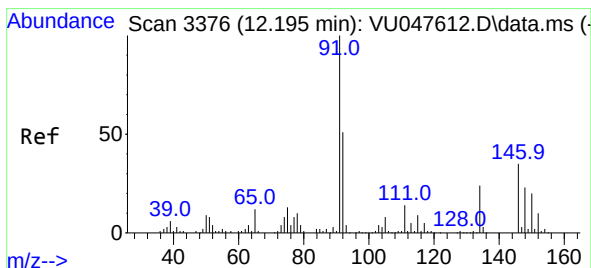
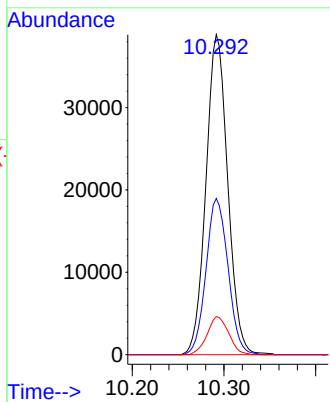
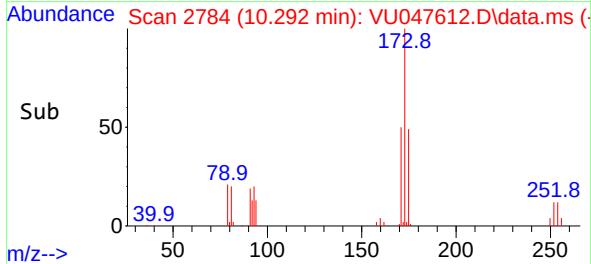
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



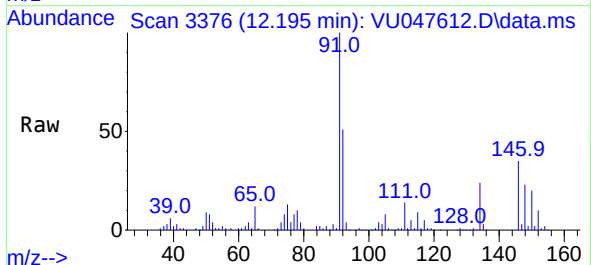
Tgt Ion:173 Resp: 6415
Ion Ratio Lower Upper
173 100
175 49.3 39.0 58.4
254 11.8 5.5 8.3

Manual Integrations
APPROVED

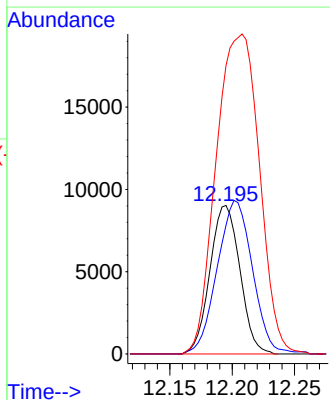
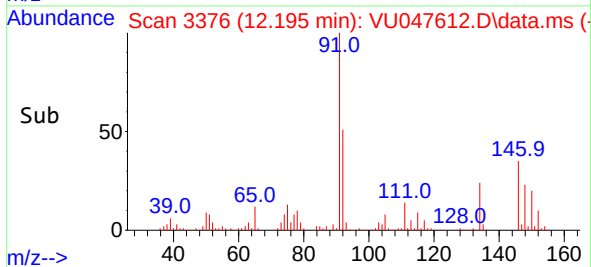
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

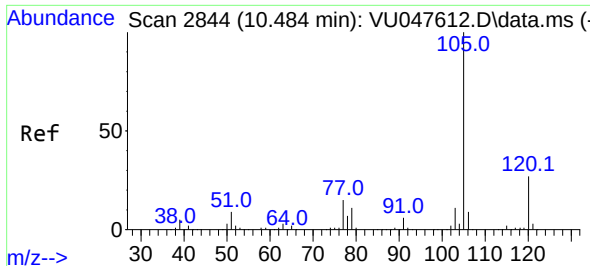


#68
1,2-Dichlorobenzene-d4
Concen: 1.149 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51



Tgt Ion:152 Resp: 15122
Ion Ratio Lower Upper
152 100
115 121.7 0.0 251.0
150 310.6 0.0 613.8





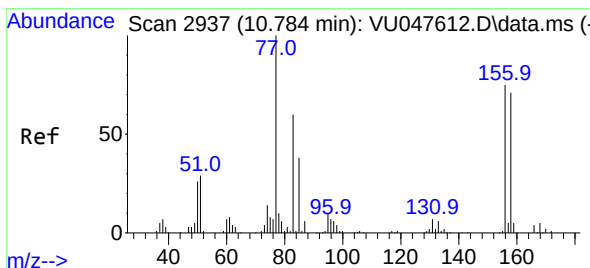
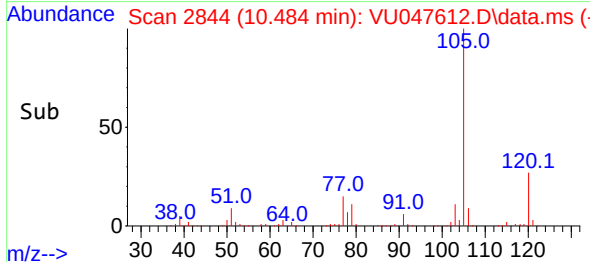
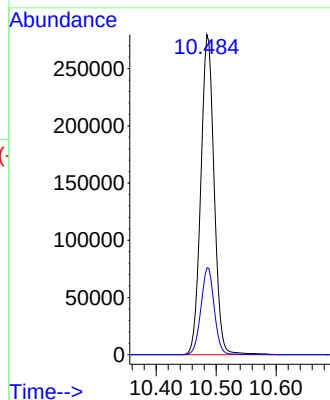
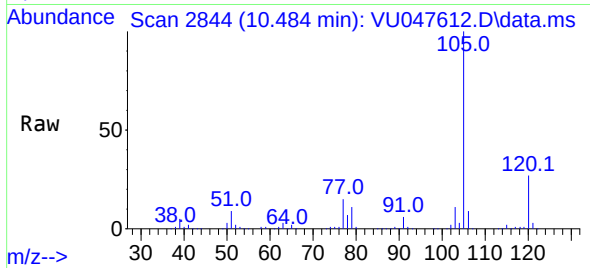
#69
Isopropylbenzene
Concen: 10.249 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:105 Resp: 43256
Ion Ratio Lower Upper
105 100
120 27.2 12.8 38.4

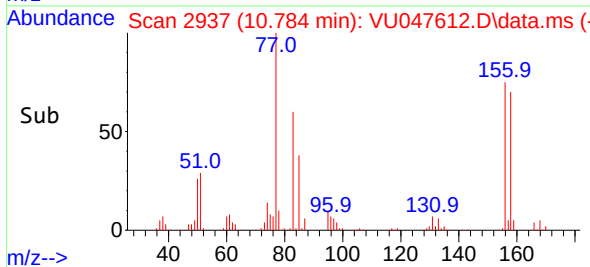
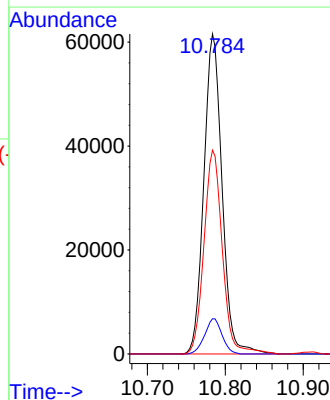
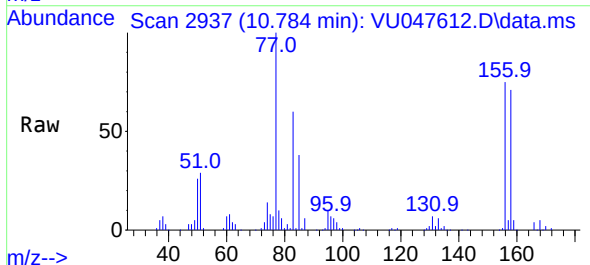
Manual Integrations
APPROVED

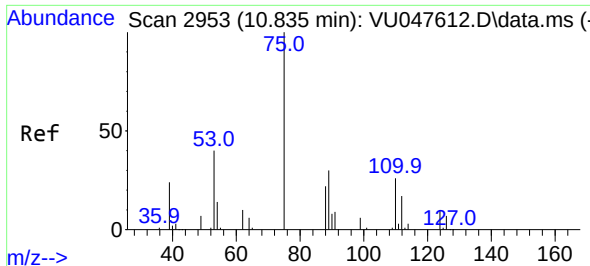
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#70
1,1,2,2-Tetrachloroethane
Concen: 10.800 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

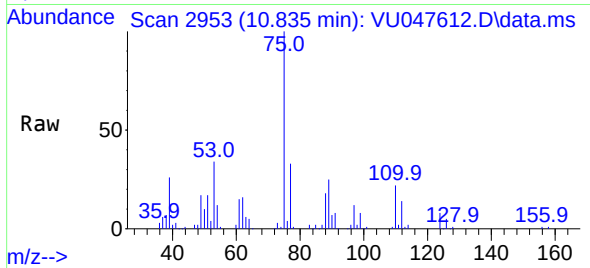
Tgt Ion: 83 Resp: 99946
Ion Ratio Lower Upper
83 100
131 10.5 7.6 11.4
85 64.3 50.9 76.3





#71
1,2,3-Trichloropropane
Concen: 10.483 ug/l m
RT: 10.835 min Scan# 2953
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

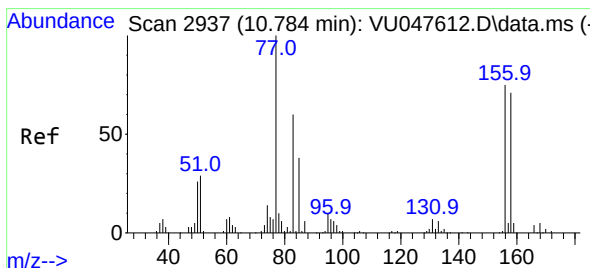
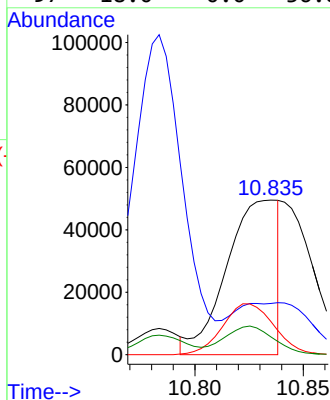
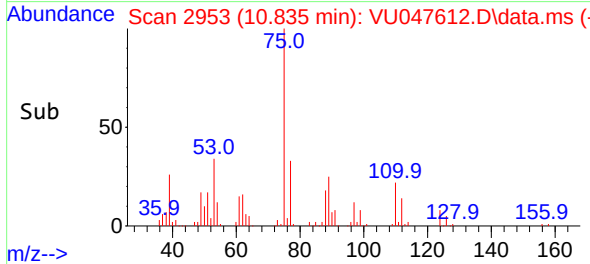


Tgt Ion: 75 Resp: 8187

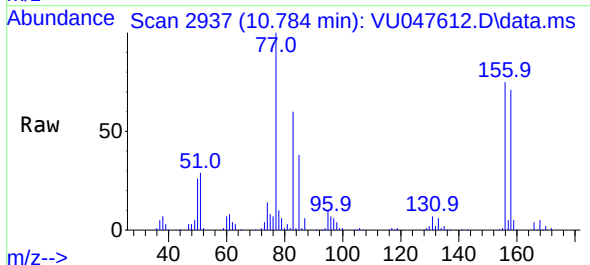
Ion	Ratio	Lower	Upper
75	100		
77	49.7	0.0	105.6
110	33.1	0.0	71.2
97	18.0	0.0	36.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

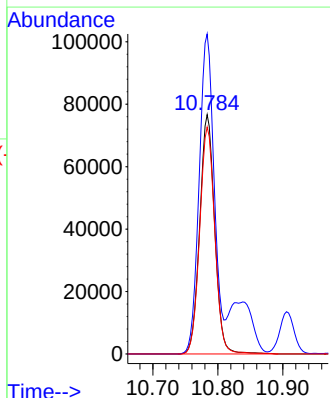
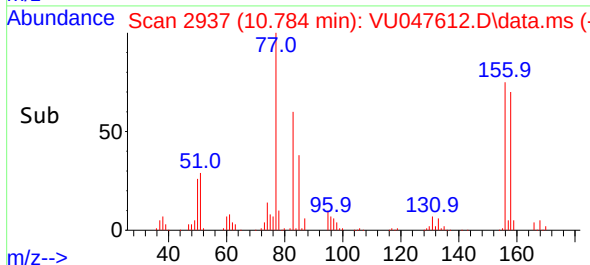


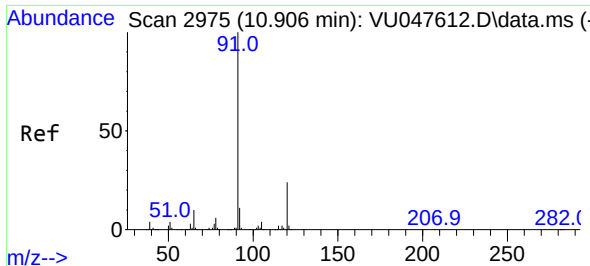
#72
Bromobenzene
Concen: 11.958 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51



Tgt Ion:156 Resp: 123265

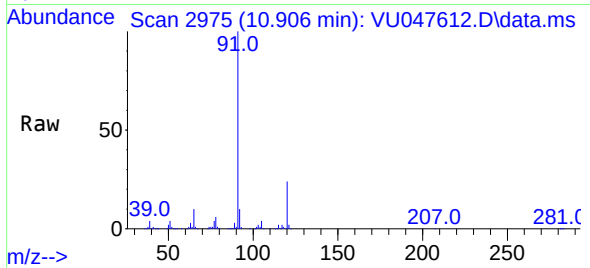
Ion	Ratio	Lower	Upper
156	100		
77	133.3	0.0	370.6
158	95.7	0.0	193.4





#73
n-propylbenzene
Concen: 11.042 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

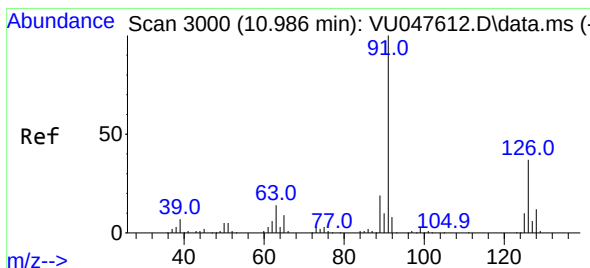
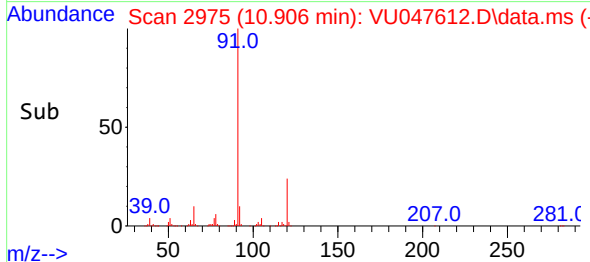
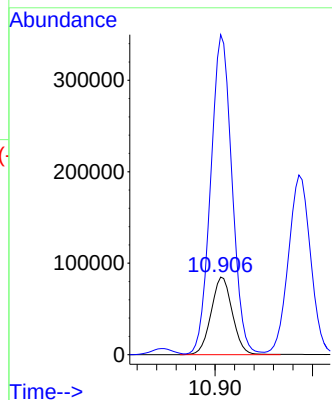
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion:120 Resp: 128300
Ion Ratio Lower Upper
120 100
91 413.5 370.7 556.1

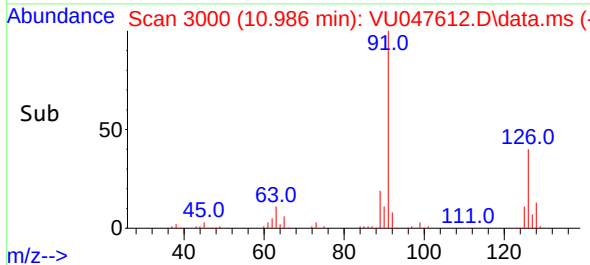
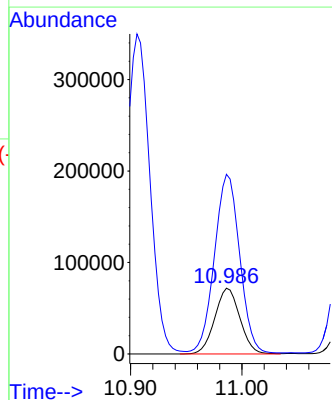
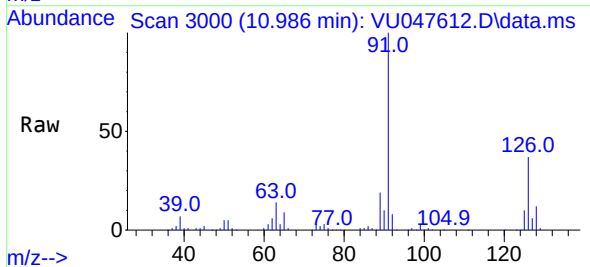
Manual Integrations
APPROVED

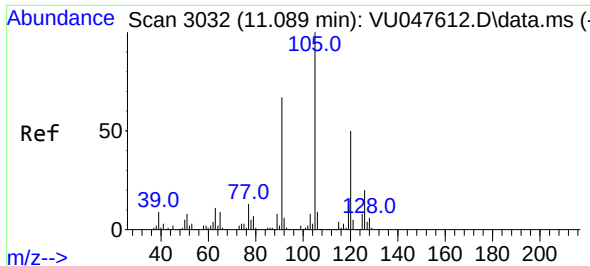
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#74
2-Chlorotoluene
Concen: 11.353 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

Tgt Ion:126 Resp: 112455
Ion Ratio Lower Upper
126 100
91 272.9 0.0 639.6





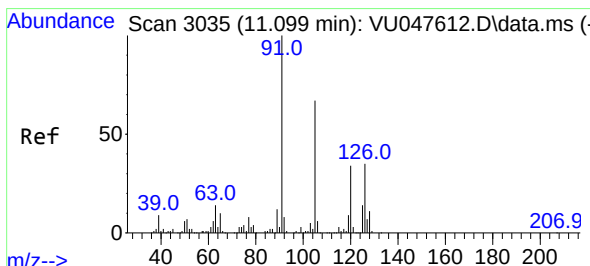
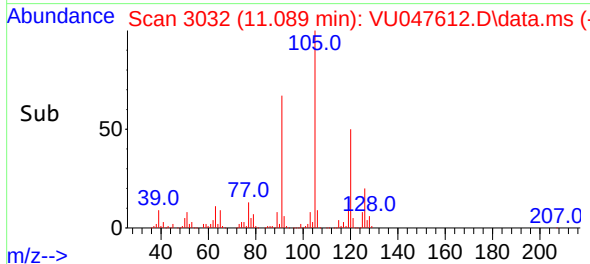
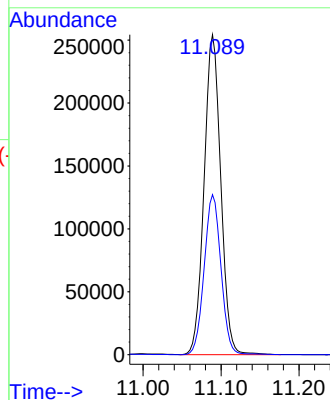
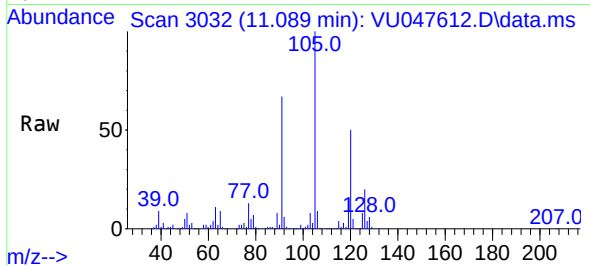
#75
1,3,5-Trimethylbenzene
Concen: 10.939 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:105 Resp: 378628
Ion Ratio Lower Upper
105 100
120 50.3 38.6 58.0

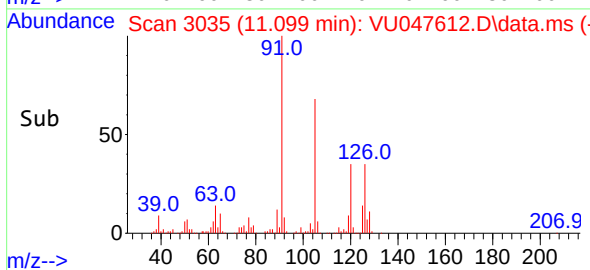
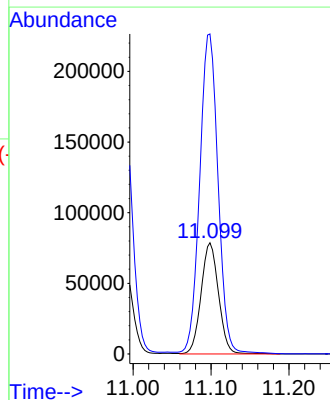
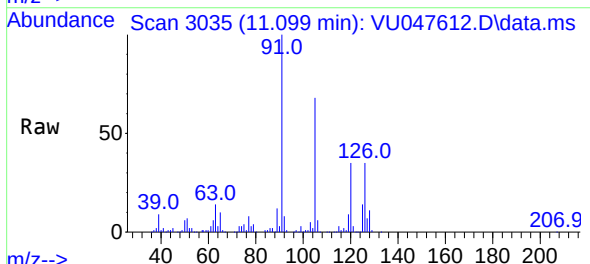
Manual Integrations
APPROVED

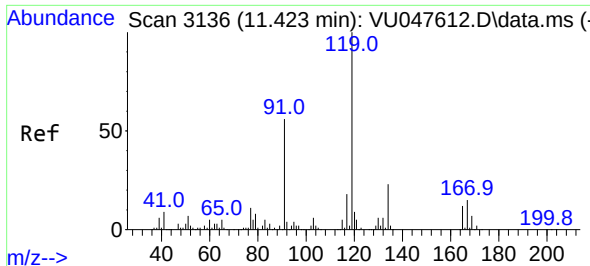
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#76
4-Chlorotoluene
Concen: 11.763 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

Tgt Ion:126 Resp: 122419
Ion Ratio Lower Upper
126 100
91 303.1 0.0 728.0





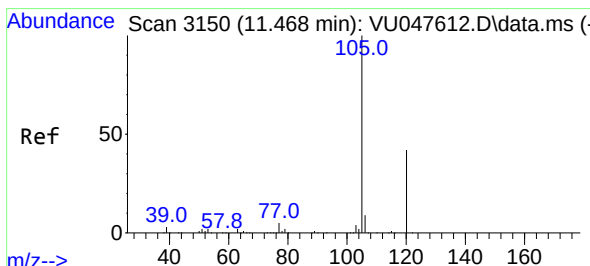
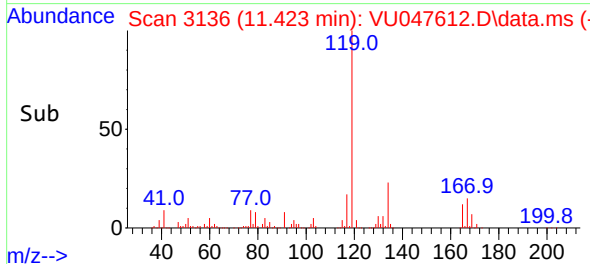
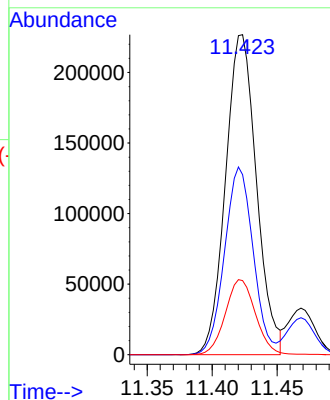
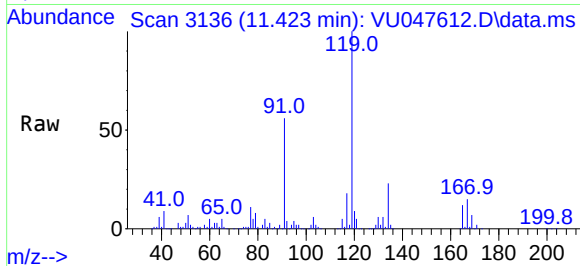
#77
tert-Butylbenzene
Concen: 10.850 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:119 Resp: 376819
Ion Ratio Lower Upper
119 100
91 54.2 31.4 94.3
134 22.9 18.5 27.7

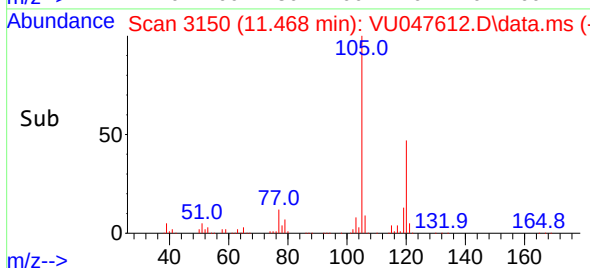
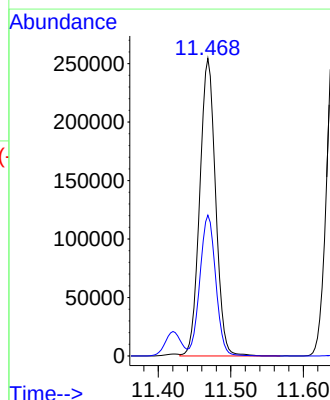
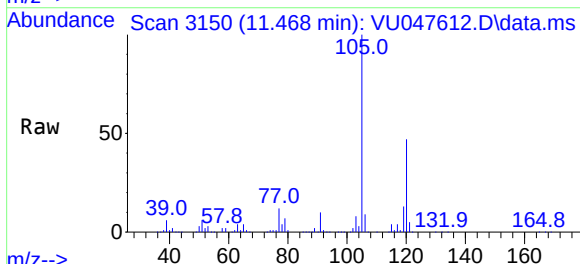
Manual Integrations
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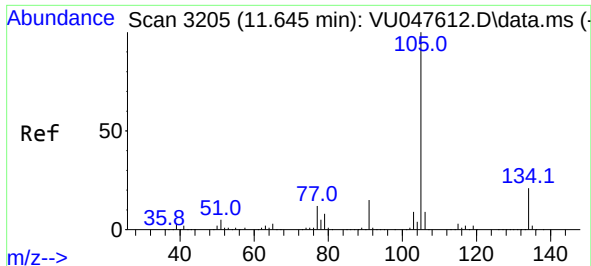
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#78
1,2,4-Trimethylbenzene
Concen: 10.929 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

Tgt Ion:105 Resp: 386062
Ion Ratio Lower Upper
105 100
120 47.4 22.3 66.8





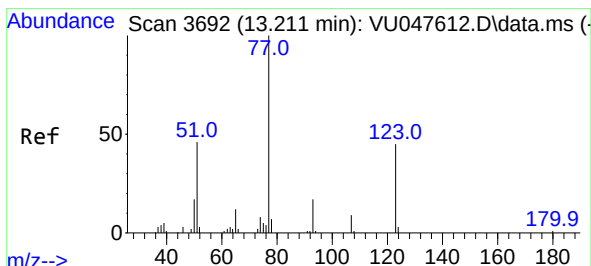
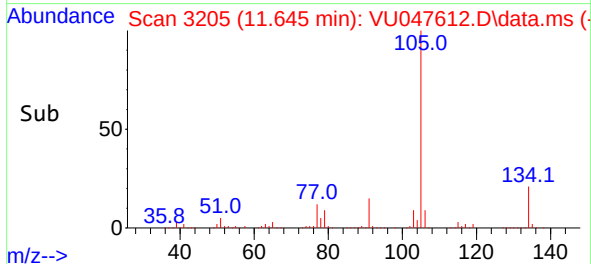
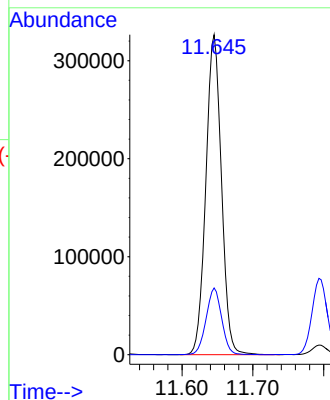
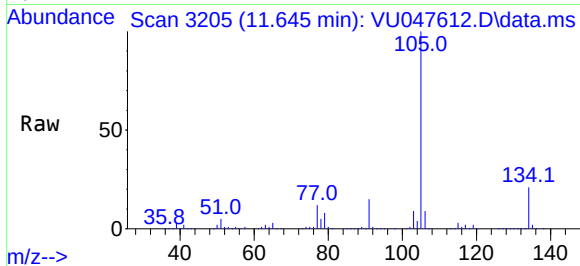
#79
 sec-Butylbenzene
 Concen: 10.797 ug/l
 RT: 11.645 min Scan# 3205
 Delta R.T. 0.000 min
 Lab File: VU047612.D
 Acq: 18 Mar 2022 11:51

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tgt Ion:105 Resp: 49794
 Ion Ratio Lower Upper
 105 100
 134 20.8 15.4 23.0

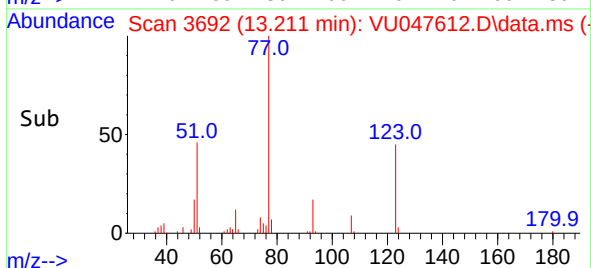
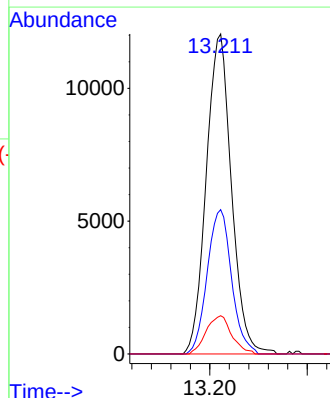
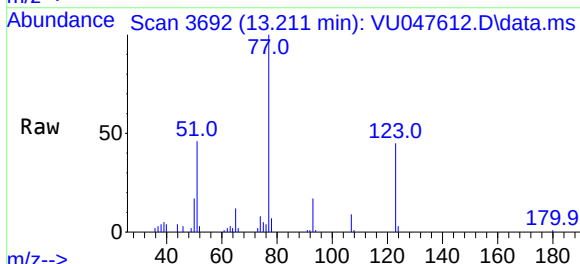
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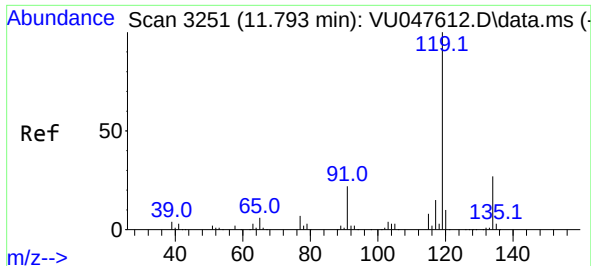
Reviewed By :John Carlone 03/31/2022
 Supervised By :Mahesh Dadoda 03/31/2022



#80
 Nitrobenzene
 Concen: 48.340 ug/l
 RT: 13.211 min Scan# 3692
 Delta R.T. 0.000 min
 Lab File: VU047612.D
 Acq: 18 Mar 2022 11:51

Tgt Ion: 77 Resp: 21598
 Ion Ratio Lower Upper
 77 100
 123 43.6 18.2 64.4
 65 12.1 12.0 15.2





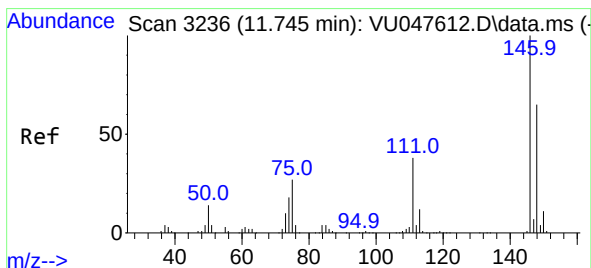
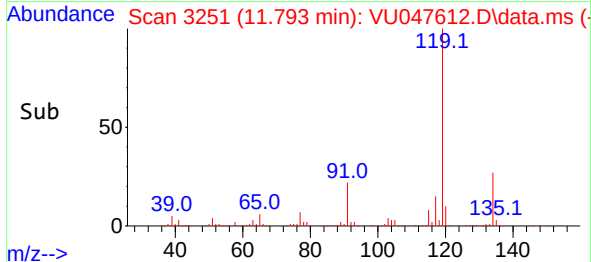
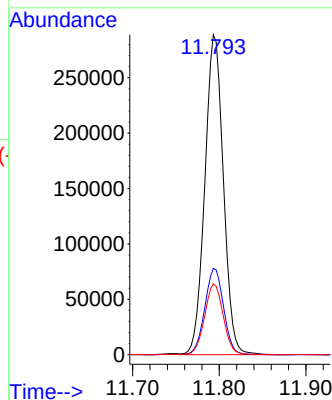
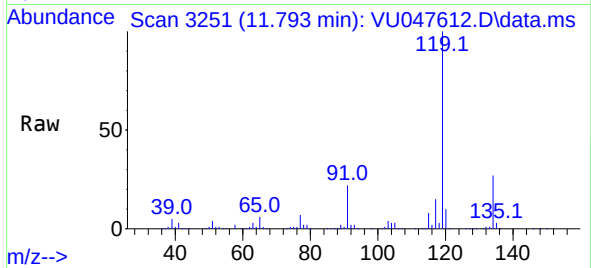
#81
p-Isopropyltoluene
Concen: 11.007 ug/l
RT: 11.793 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:119 Resp: 42955
Ion Ratio Lower Upper
119 100
134 27.2 20.2 30.4
91 22.2 19.9 29.9

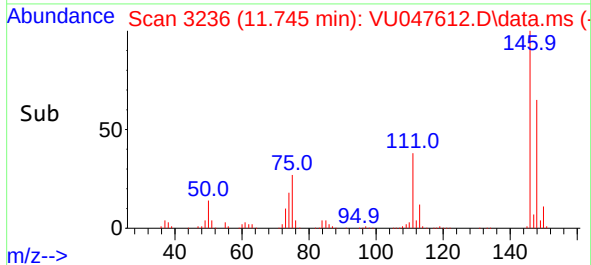
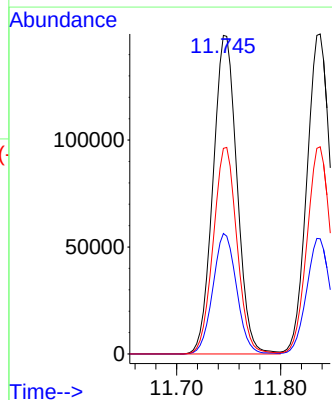
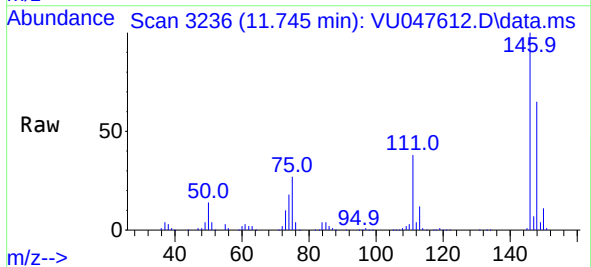
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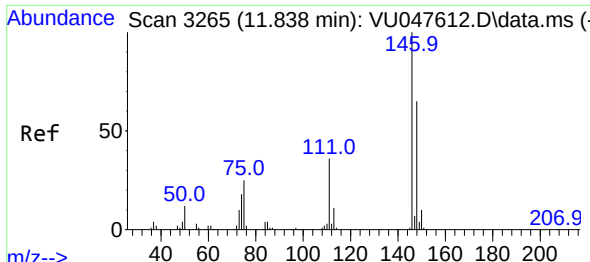
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#82
1,3-Dichlorobenzene
Concen: 11.900 ug/l
RT: 11.745 min Scan# 3236
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

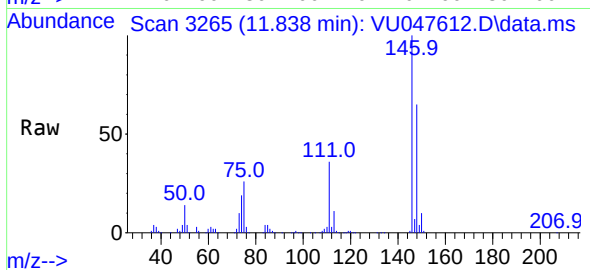
Tgt Ion:146 Resp: 238787
Ion Ratio Lower Upper
146 100
111 37.5 33.9 50.9
148 64.3 50.9 76.3





#83
1,4-Dichlorobenzene
Concen: 11.899 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

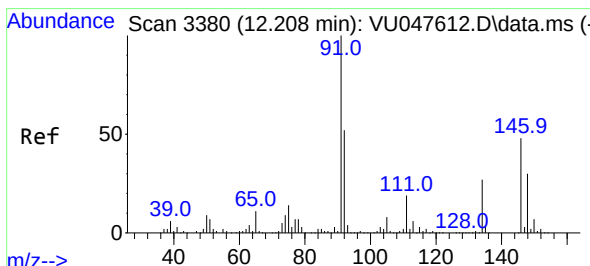
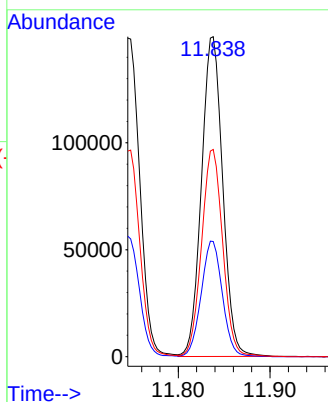
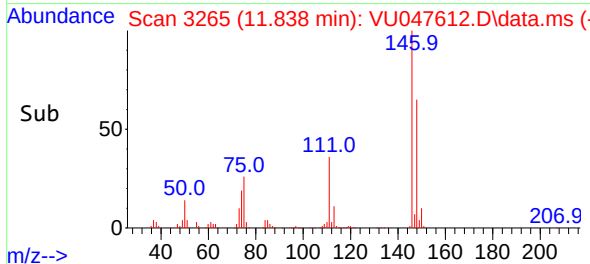
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



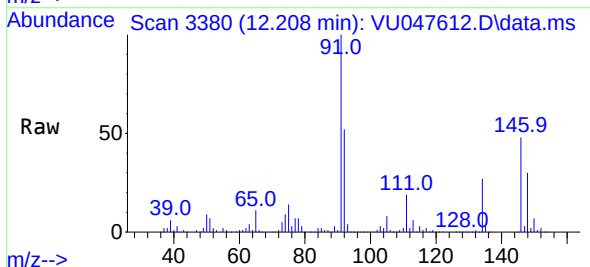
Tgt Ion:146 Resp: 24053
Ion Ratio Lower Upper
146 100
111 36.0 32.7 49.1
148 64.7 51.4 77.0

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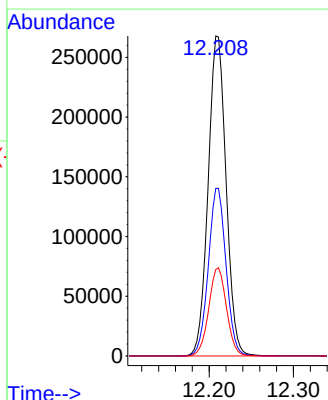
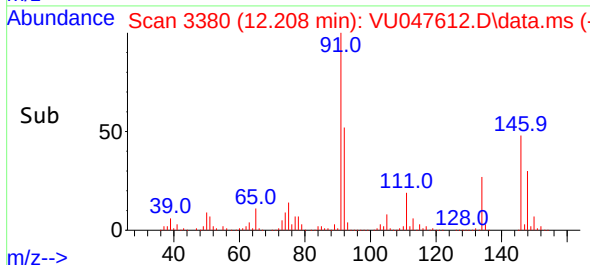
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

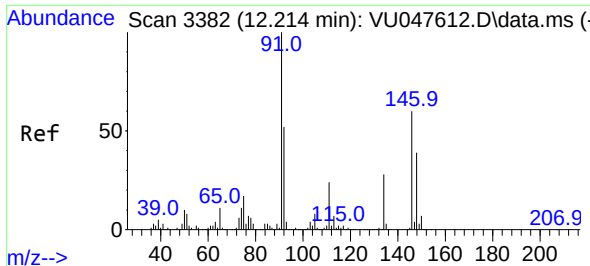


#84
n-Butylbenzene
Concen: 10.579 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51



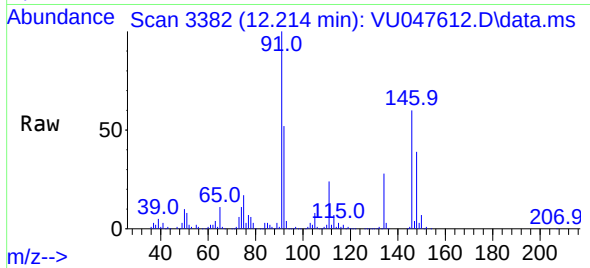
Tgt Ion: 91 Resp: 396458
Ion Ratio Lower Upper
91 100
92 51.8 43.5 65.3
134 27.3 19.0 28.4





#85
1,2-Dichlorobenzene
Concen: 11.838 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

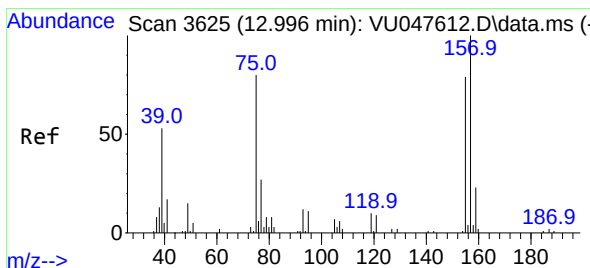
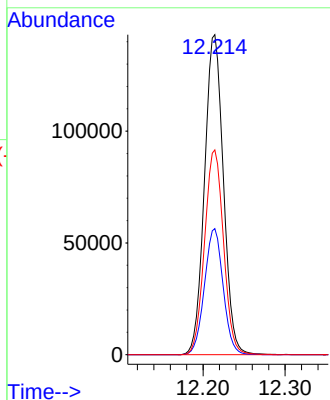
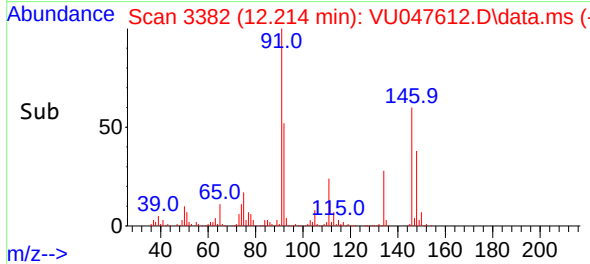
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



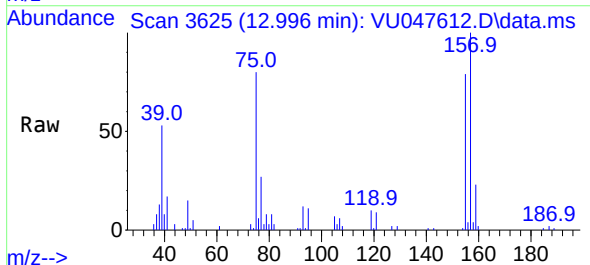
Tgt Ion:146 Resp: 228654
Ion Ratio Lower Upper
146 100
111 39.0 22.1 66.1
148 64.3 31.6 94.7

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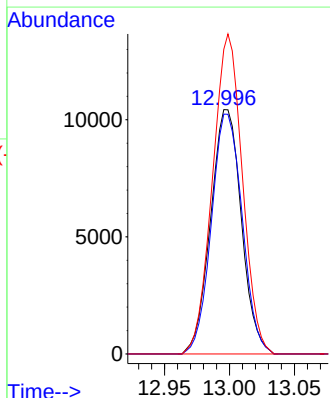
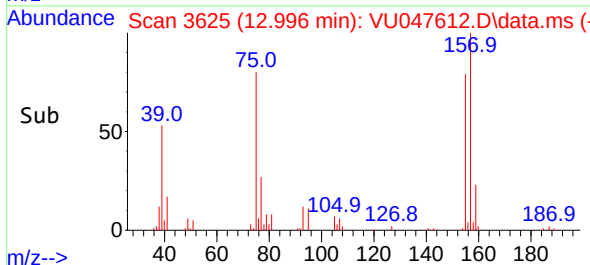
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

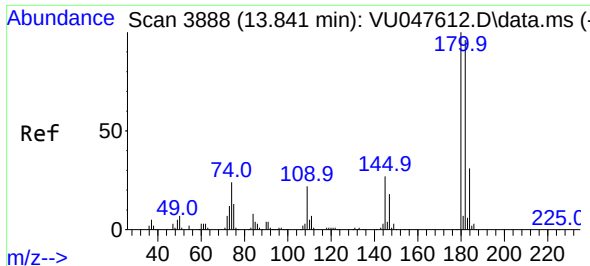


#86
1,2-Dibromo-3-Chloropropane
Concen: 10.139 ug/l
RT: 12.996 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51



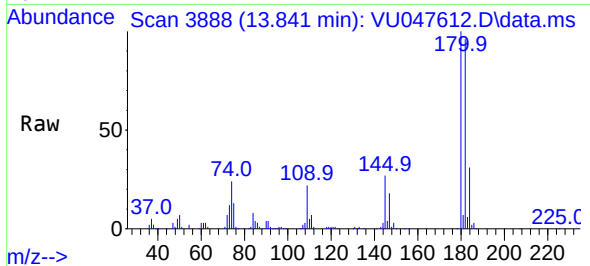
Tgt Ion: 75 Resp: 17203
Ion Ratio Lower Upper
75 100
155 98.0 57.8 86.8#
157 126.8 75.1 112.7#





#87
1,2,4-Trichlorobenzene
Concen: 11.463 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

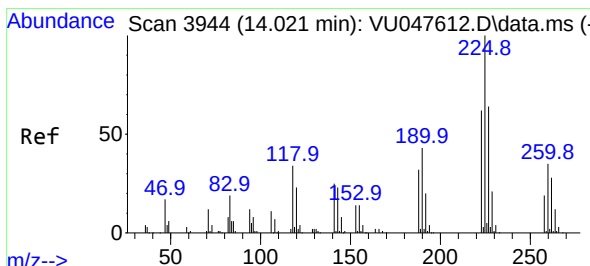
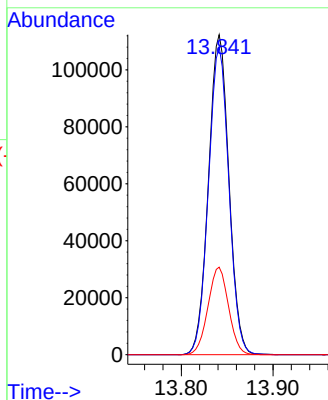
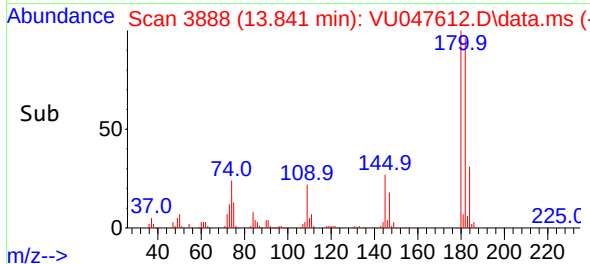
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



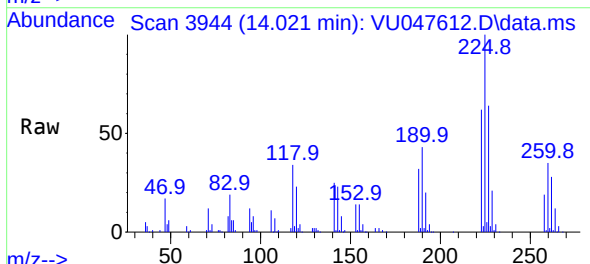
Tgt Ion:180 Resp: 173849
Ion Ratio Lower Upper
180 100
182 95.9 75.8 113.8
145 27.5 25.3 37.9

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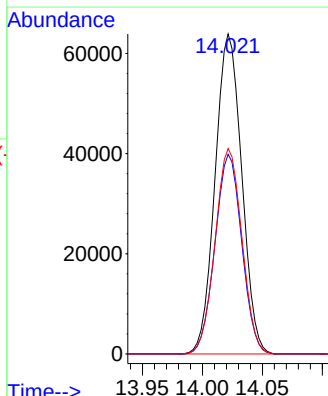
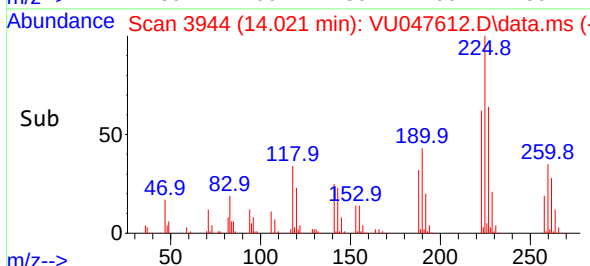
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022

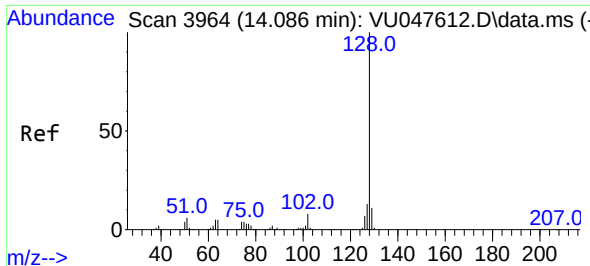


#88
Hexachlorobutadiene
Concen: 12.705 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51



Tgt Ion:225 Resp: 98519
Ion Ratio Lower Upper
225 100
223 62.6 51.1 76.7
227 64.7 49.9 74.9





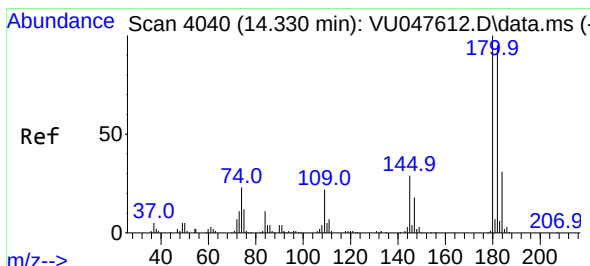
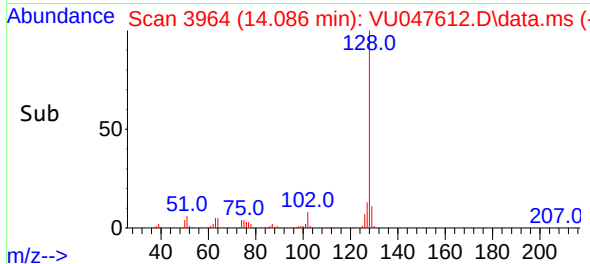
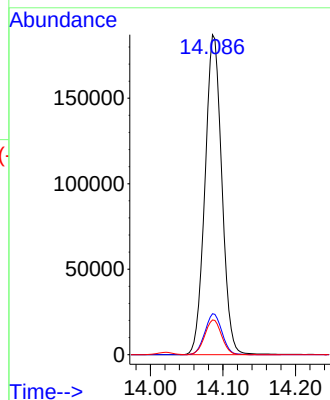
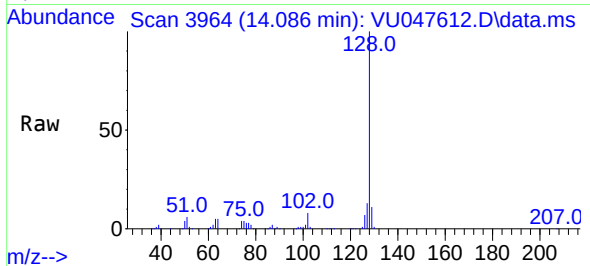
#89
Naphthalene
Concen: 9.713 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:128 Resp: 30174
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.9 8.6 13.0

Manual Integrations
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Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 03/31/2022



#90
1,2,3-Trichlorobenzene
Concen: 12.145 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047612.D
Acq: 18 Mar 2022 11:51

Tgt Ion:180 Resp: 165220
Ion Ratio Lower Upper
180 100
182 95.8 75.4 113.0
145 28.9 27.0 40.4

